D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412105
Affiliated to Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India



SELF STUDY REPORT (CYCLE 1) 2018-2023

CRITERIA 2 : Teaching -learning and Evaluation
KEY INDICATOR :2.5 : Evaluation Process and Reforms
METRIC :2.5.1 : The Institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation and ensures that it is robust and transparent

ANY OTHER RELEVANT

INFORMATION

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CLINICAL POSTINGS TIME TABLE

CLINICAL POSTING TIME TABLE
INTERNSHIP 2022-2023

D Y PATIL GROUP
D Y PATIL DENTAL SCHOOL
Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

FINAL YEAR PRACTICAL EXAMINATIONS

Student year – FINAL YEAR BDS

There are 3 formative internal assessment examinations conducted by respective departments during the tenure of every academic year and 1 summative assessment is conducted by MUHS at the end of every academic year.

PRACTICAL EXAM SCHEDULE –

The 3 formative examinations are called as 1st , 2nd and 3rd/Preliminary examinations respectively

The 1st and 2nd Practical examinations are held at the end of the respective students' 1st and 2nd clinical postings of Final year respectively.

The schedule of Preliminary Practical examination is given separately by the Examination committee

Dr. Paulami Bagchi

Head, Academic Planning Committee.

D.Y. PATIL DENTAL SCHOOL PUNE

Dean

DYPDS

LINGARAJ J SHIGLI ANAND

Digitally signed by LINGARAJ SHIGLI ANAND
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DY PATIL DENTAL SCHOOL, Lohegaon, Pune

BDS- INTERNSHIP Schedule- REGULAR BATCH 2022-23

Date:10.10.22 to 09.10.23

Date / Department	10.10.22-24.10.22	25.10.22-09.11.22	10.11.22-24.11.22	25.11.22-09.12.22	10.12.22-24.12.22	25.12.22-09.01.23	10.01.23-24.01.23	25.01.23 09.02.23	10.02.23-24.02.23	25.02.23-09.03.23	10.03.23-24.03.23	25.03.23-09.04.23	10.04.23-24.04.23	25.04.23-09.05.23	10.05.23-24.05.23	25.05.23-09.06.23	10.06.23-24.06.23	25.06.23-09.07.23	10.07.23-24.07.23	25.07.23-09.08.23	10.08.23-24.08.23	25.08.23-09.09.23	10.09.23-24.09.23	25.09.23-09.10.23
Prostho	A/I	A/I	A/I	B/N	B/N	B/N	C/P	C/P	C/J/P	D/J	D/J	D/M	E/M	E/M	E/K	F/K/O	F/K/O	F/O	G/Q	G/L/Q	G/L/Q	H/L	H	H
Conservative	H/N	H/N	H/N	A/Q	A/Q	A/Q	B/I	B/I	B/I/M	C/M	C/M	C/J	D/J	D/J	D	E	E/L	E/I/L/K	F/K/L	F/K/P	F/P	G/O/P	G/O	G/O
Oral Surgery	G/P	G/P	G/P	H/I	H/I	H/I/M	A/M	A/M	A/N	B/N	B/N/Q	B/Q	C/Q	C/L	C/J/L	D/J/L	D/J	D	E/O	E/O	E/K/O	F/K	F/K	F
Oral Med	F/M	F/M	K	G/K	G/O	O	N	H/N	H	A	A	I	I	B	B/P	C/P	C/Q	J/Q	J	D	D	E	E/L	L
Perio	K	E/K	E/F	F	P	G/P	G/O	L/O	L	H	H	A/N	A/N	I	I/Q	B/Q	B	C	C	J	J	D	D/M	M
Orthodontics	D	D	M/O	M/O	F	E/F	E	G	G	L/P	L/P	H/K	H/K	A/N	A/N	I	I	B	B	C	C	J	J/Q	Q
Pedodontics	J/Q	J/Q	D	D/E	E/K	K	F	F	O	G/O	G	L	L	H	H	A/N	A/N	I	I	B	B/M	C/M	C/P	P
Community	C/B/L	C/B/L	C/J/L/Q	C/J/L	C/J/D/L	J/D	J/D/K/Q	E/D/K/Q	E/D/K/Q	E/K/Q	E/F/ K/O	E/F/O/P	F/O/P	F/G/O/P	F/G/M/O	G/H/M	G/H/M	G/H/ M/F	H/M/N/P	A/H/I/N	A/I/N	A/I/B/N	A/I/B/N	A/I/B
Oral Patho& Elect	E/Oe	O	B	P	Me	C/Le	He/L	J	F	Fe/I	Ie	G	Ge/Be	K/Qe			Pe	Ae/N	A/De	M	H	Q		Ce/D/Ee/ Je/Ke/Ne

[Please Note:Postings with "e" denotes Elective posting for that batch, for Eg: 'Ae' is Elective posting for all students of 'A' Batch]

Batch A-Roll no 1-5	Batch B-Roll no 6-10		Batch C-Roll No 11-15		Batch D -Roll no 16-20		Batch E-Roll no 20-25		Batch F-Roll No 26-30		
Batch G-Roll no 31-35	Batch H-Roll no 36-40		Batch I-Roll No 41-45		Batch J-Roll no 46-50		Batch K-Roll no 51-55		Batch L-Roll no 56-60		
Batch M-Roll no 61-65	Batch N- Roll no 66-70		Batch O-Roll no 71-75		Batch P- Roll no 76-80		Batch Q- Roll no 81-87				

Dr.Paulami Bagchi
(In-charge,Time Table,Examination Committee)

Dr. Anand Shigli
Dean

D.Y. PATIL DENTAL SCHOOL PUNE

CLINICAL POSTING TIMETABLE

FINAL YEAR 2022-23

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2022-23)
1ST TERM Clinical Postings- From 19.09.22 to 11.02.23

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
19.09.22 to 06.10.22	A	B	C	D	E	F	G	H
07.10.22 to 25.10.22	H	A	B	C	D	E	F	G
26.10.22 to 13.11.22	G	H	A	B	C	D	E	F
14.11.22* to 01.12.22	F	G	H	A	B	C	D	E
02.12.22 to 19.12.22	E	F	G	H	A	B	C	D
0.12.22 to 06.01.23	D	E	F	G	H	A	B	C
07.01.23 to 24.01.23	C	D	E	F	G	H	A	B
25.01.23 to 11.02.23	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings as per new Roll Nos.:-
   Batch A –Roll Nos 01-10 **Batch B** – Roll Nos 11-20 **Batch C** – Roll Nos 21-30
   Batch D –Roll Nos 31-40 **Batch E** – Roll Nos 41-50 **Batch F** – Roll Nos 51-60
   Days G –Roll Nos 61-70 **Batch H** – Roll Nos 71-80
2. The II Term clinical posting is of 18 days in each Department.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. ***- Tentative First Internal Examination**
6. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
7. Departments to submit monthly Attendance of students

Bagchi 18.09.22

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D. Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2022-23)
2nd TERM Clinical Postings- From 12.02.23 to 03.06.23

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
				II Term				
12.02.23 to 25.02.23	A	B	C	D	E	F	G	H
26.02.23 to(**) 11.03.23	H	A	B	C	D	E	F	G
12.03.23 to 25.03.23	G	H	A	B	C	D	E	F
26.03.23 to 08.04.23	F	G	H	A	B	C	D	E
09.04.23 to 22.04.23	E	F	G	H	A	B	C	D
23.04.23 to 06.05.23	D	E	F	G	H	A	B	C
07.05.23 To(***) 20.05.23	C	D	E	F	G	H	A	B
21.05.23 to 03.06.23	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings as per new Roll Nos.:-
   Batch A –Roll Nos 01-09 **Batch B** – Roll Nos 10-18 **Batch C** – Roll Nos 19-28
   Batch D –Roll Nos 29-38 **Batch E** – Roll Nos 39-47 **Batch F** – Roll Nos 48-57
   Days G –Roll Nos 58-67 **Batch H** – Roll Nos 68-78
2. The II Term clinical posting is of 14 days in each Department.
3. (**)- II Internal examination
4. (***)- III Internal Prelims Examination-Theory (05th June onwards- Prelims Practical)
5. One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.
6. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.

23.01.23

Dr Paulami Bagchi
Head, Academic Planning,Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

THIRD YEAR 2022-23

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2023)

CLINICAL ROTATION POSTING of I TERM FROM 01.02.23-06.05.23

Gb Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
01.02.23 to 12.02.23	A	B	C	D	E	F	G	H
13.02.23 to 24.02.23	H	A	B	C	D	E	F	G
25.02.23 to 08.03.23	G	H	A	B	C	D	E	F
09.03.23 to 20.03.23	F	G	H	A	B	C	D	E
21.03.23 to 01.04.23	E	F	G	H	A	B	C	D
02.04.23 to 13.04.23	D	E	F	G	H	A	B	C
14.04.23 to (*) 25.04.23	C	D	E	F	G	H	A	B
26.04.23 to 06.05.23	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-10 **Batch B** – Roll Nos 11-21 **Batch C** – Roll Nos 22-31
   Batch D -Roll Nos 32-42 **Batch E** – Roll Nos 43-53 **Batch F** – Roll Nos 54-64
   Days G -Roll Nos 65-75 **Batch H** – Roll Nos 76-86
2. The I Term clinical posting is of 12 days in each Department.
3. (*) indicates Tentative 1st Internal Exam.
4. The batches WILL BE revised based on the University examination results.
5. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
6. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
7. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
Head, Academic Planning Committee

D. Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2023)

CLINICAL ROTATION POSTING of II TERM FROM 07.05.23-31.10.23

Gb Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
08.05.23 to 29.05.23	A	B	C	D	E	F	G	H
30.05.23 to 20.06.23	H	A	B	C	D	E	F	G
21.06.23 to 12.07.23	G	H	A	B	C	D	E	F
13.07.23 to(**) 03.08.23	F	G	H	A	B	C	D	E
04.08.23 to 25.08.23	E	F	G	H	A	B	C	D
26.08.23 to 16.09.23	D	E	F	G	H	A	B	C
17.09.23 to 08.10.23	C	D	E	F	G	H	A	B
09.10.23 to(***) 31.10.23	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-09 **Batch B** – Roll Nos 10-20 **Batch C** – Roll Nos 21-29
   Batch D –Roll Nos 30-40 **Batch E –** Roll Nos 41-50 **Batch F** – Roll Nos 51-61
   Days G –Roll Nos 62-71 **Batch H** – Roll Nos 72-79
2. The II Term clinical posting is of 22 days in each Department.
3. (**) and (***)indicates Tentative 2nd and Prelims Internal Exam.
4. The batches WILL BE revised based on the University examination results.
5. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
6. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.

Bagchi 15.05.23

Dr Paulami Bagchi
Head, Academic Planning Committee

Dr Anand Shigli
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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2023)

CLINICAL ROTATION POSTING of II TERM MODIFIED TO 25.11.23

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
26.08.23 to 21.09.23	D	E	F	G	H	A	B	C
22.09.23 to 18.10.23(*)	C	D	E	F	G	H	A	B
19.10.23 (**) to 25.11.23	B	C	D	E	F	G	H	A

Please note:

1. (*)- Prelims examination -Theory
2. (**)- Prelims Examination- Practical
3. Students Distribution for Dental Clinical Postings;

Batch A -Roll Nos 01-09
Batch B - Roll Nos 10-20
Batch C - Roll Nos 21-29
Batch D -Roll Nos 30-40
Batch E - Roll Nos 41-50
Batch F - Roll Nos 51-61
Days G -Roll Nos 62-71
Batch H - Roll Nos 72-79

Dr Paulami Bagchi
Head, Academic Planning Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIME TABLE
INTERNSHIP 2021-2022

DY PATIL DENTAL SCHOOL, Lohegaon, Pune

BDS- INTERNSHIP Schedule- REGULAR BATCH 2021-22

Date:20.12.21-19.12.22

Date / Department	20.12.21-03.01.22	04.01.22-18.01.22	19.01.22-02.02.22	03.02.22-17.02.22	18.02.22-04.03.22	05.03.22-19.03.22	20.03.22-03.04.22	04.04.22-18.04.22	19.04.22-03.05.22	04.05.22-18.05.22	19.05.22-02.06.22	03.6.22-17.06.22	18.06.22-02.07.22	03.07.22-17.07.22	18.07.22-01.08.22	02.08.22-16.08.22	17.08.22-01.09.22	02.09.22-16.09.22	17.09.22-01.10.22	02.10.22-17.10.22	18.10.22-04.11.22	05.11.22-19.11.22	20.11.22-04.12.22	05.12.22-19.12.22
Prostho	A/I	A/I	A/I	B/N	B/N	B/N	C/P	C/P	C/J/P	D/J	D/J	D/M	E/M	E/M	E/K	F/K/O	F/K/O	F/O	G/Q	G/L/Q	G/L/Q	H/L	H	H
Conservative	H/N	H/N	H/N	A/Q	A/Q	A/Q	B/I	B/I	B/I/M	C/M	C/M	C/J	D/J	D/J	D	E	E/L	E/L/K	F/K/L	F/K/P	F/P	G/O/P	G/O	G/O
Oral Surgery	G/P	G/P	G/P	H/I	H/I	H/I/M	A/M	A/M	A/N	B/N	B/N/Q	B/Q	C/Q	C/L	C/J/L	D/J/L	D/J	D	E/O	E/O	E/K/O	F/K	F/K	F
Oral Med	F/M	F/M	K	G/K	G/O	O	N	H/N	H	A	A	I	I	B	B/P	C/P	C/Q	J/Q	J	D	D	E	E/L	L
Perio	K	E/K	E/F	F	P	G/P	G/O	L/O	L	H	H	A/N	A/N	I	I/Q	B/Q	B	C	C	J	J	D	D/M	M
Orthodontics	D	D	M/O	M/O	F	E/F	E	G	G	L/P	L/P	H/K	H/K	A/N	A/N	I	I	B	B	C	C	J	J/Q	Q
Pedodontics	J/Q	J/Q	D	D/E	E/K	K	F	F	O	G/O	G	L	L	H	H	A/N	A/N	I	I	B	B/M	C/M	C/P	P
Community	C/B/L	C/B/L	C/J/L/Q	C/J/L	C/J/D/L	J/D	J/D/K/Q	E/D/K/Q	E/D/K/Q	E/K/Q	E/F/ K/O	E/F/O/P	F/O/P	F/G/O/P	F/G/M/O	G/H/M	G/H/M	G/H/ M/P	H/M/N/P	A/H/I/N	A/I/N	A/I/B/N	A/I/B/N	A/I/B
Oral Patho& Elect	E/Oe	O	B	P	Me	C/Le	He/L	J	F	Fe/I	Ie	G	Ge/Be	K/Qe			Pe	Ae/N	A/De	M	H	Q		Ce/D/Ee/ Ie/Ke/Ne

[Please Note:Postings with "e" denotes Elective posting for that batch, for Eg: 'Ae' is Elective posting for all students of 'A' Batch]

Batch A-Roll no 1-5	Batch B-Roll no 6-10		Batch C-Roll No 11-15		Batch D -Roll no 16-20		Batch E-Roll no 20-25		Batch F-Roll No 26-30		
Batch G-Roll no 31-35	Batch H-Roll no 36-40		Batch I-Roll No 41-45		Batch J-Roll no 46-50		Batch K-Roll no 51-55		Batch L-Roll no 56-60		
Batch M-Roll no 61-65	Batch N- Roll no 66-70		Batch O-Roll no 71-75		Batch P- Roll no 76-81		Batch Q- Roll no 82-87				

Dr.Paulami Bagchi

(In-charge,Time Table,Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr. Anand Shigli

Dean

CLINICAL POSTING TIMETABLE

FINAL YEAR 2021-22

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2021-22)

CLINICAL ROTATION POSTING from 05.09.21-25.09.21;08.11.21-28.02.22

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
FINAL - I TERM								
05.09.21 TO 25.09.21	A	B	C	D	E	F	G	H
08.11.21 TO 23.11.21	H	A	B	C	D	E	F	G
24.11.21 TO 09.12..21	G	H	A	B	C	D	E	F
10.12.21 TO 26.12.21	F	G	H	A	B	C	D	E
27.12.21 TO 11.01.22	E	F	G	H	A	B	C	D
12.01.22 TO 27.01.22	D	E	F	G	H	A	B	C
28.01.22 TO 12.02.22	C	D	E	F	G	H	A	B
13.02.22 TO 28.02.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-11 **Batch B** – Roll Nos 12-22 **Batch C** – Roll Nos 23-33
   Batch D –Roll Nos 34-44 **Batch E** – Roll Nos 45-55 **Batch F** – Roll Nos 56-66
   Batch G –Roll Nos 67-77 **Batch H** – Roll Nos 78-86
2. The above FINAL -FIRST Postings from 05.09.21 TO 25.09.21 have been made according to the University circular dated 20th August directing to begin with next academic session
3. The remaining postings will be scheduled as and when the University practical dates of existing Academic session get announced.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2021-22)

CLINICAL ROTATION POSTING from 01.03.22-15.06.22

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
FINAL – II TERM								
01.03.22 TO 12.03.22	A	B	C	D	E	F	G	H
13.03.22 TO 24.03.22	H	A	B	C	D	E	F	G
25.03.21 TO 05.04.21	G	H	A	B	C	D	E	F
06.04.22 TO 17.04.22	F	G	H	A	B	C	D	E
18.04.22 TO 29.04.22	E	F	G	H	A	B	C	D
30.04.22 TO 14.05.22	D	E	F	G	H	A	B	C
15.05.22 TO** 03.06.22	C	D	E	F	G	H	A	B
04.06.22 TO 15.06.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-11 **Batch B** – Roll Nos 12-22 **Batch C** – Roll Nos 23-33
   Batch D –Roll Nos 34-44 **Batch E** – Roll Nos 45-55 **Batch F** – Roll Nos 56-66
   Batch G –Roll Nos 67-77 **Batch H** – Roll Nos 78-86
2. The remaining postings will be scheduled as and when the University practical dates of existing Academic session get announced.
3. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
4. **** Prelims examination**
5. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

THIRD YEAR 2021-22

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021-22)

CLINICAL ROTATION POSTING of I TERM FROM 08.11.21-31.01.22

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
08.11.21 to 18.11.21	A	B	C	D	E	F	G	H
19.11.21 to 30.11.21	H	A	B	C	D	E	F	G
01.12.21 to 10.12.21	G	H	A	B	C	D	E	F
11.12.21 to 20.12.21	F	G	H	A	B	C	D	E
21.12.21 to 31.12.21	E	F	G	H	A	B	C	D
01.01.22 to 10.01.22	D	E	F	G	H	A	B	C
11.01.22 to 20.01.22	C	D	E	F	G	H	A	B
21.01.22 to 31.01.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-11 **Batch B** – Roll Nos 12-22 **Batch C** – Roll Nos 23-33
   Batch D -Roll Nos 34-44 **Batch E** – Roll Nos 45-55 **Batch F** – Roll Nos 56-66
   Days G -Roll Nos 67-77 **Batch H** – Roll Nos 78-87
2. The I Term clinical posting is of 15 days in each Department. (*) indicates Tentative 1st Internal Exam /2 extra days for University Diwali Holidays(28th,29th Oct).
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021-22)

CLINICAL ROTATION POSTING of I TERM Modified From 01.02.22 -20.02.22 due to missed posting during covid 3rd wave

Subject / Dates		Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
Old Dates		I Term							
08.11.21 to 18.11.21		A	B	C	D	E	F	G	H
19.11.21 to 30.11.21	New	H	A	B	C	D	E	F	G
01.12.21 to 10.12.21		G	H	A	B	C	D	E	F
11.12.21 to 20.12.21	Dates	F	G	H	A	B	C	D	E
21.12.21 to 31.12.21		E	F	G	H	A	B	C	D
01.01.22 to 10.01.22		D	E	F	G	H	A	B	C
11.01.22 to 20.01.22	01.02.22 to 10.02.22	C	D	E	F	G	H	A	B
21.01.22 to 31.01.22	11.02.22 to 20.02.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-11 **Batch B** – Roll Nos 12-22 **Batch C** – Roll Nos 23-33. **Batch D** -Roll Nos 34-44
   Batch E – Roll Nos 45-55 **Batch F** – Roll Nos 56-66. **Batch G** -Roll Nos 67-77 **Batch H** – Roll Nos 78-87
2. The I Term clinical posting is of 15 days in each Department. (*) indicates Tentative 1st Internal Exam /2 extra days for University Diwali Holidays(28th,29th Oct).
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021-22)

CLINICAL ROTATION POSTING of II TERM FROM 20.02.22-29.07.22

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
20.02.22 to 11.03.22	A	B	C	D	E	F	G	H
12.03.22 to 31.03.22	H	A	B	C	D	E	F	G
01.04.22 to 20.04.22	G	H	A	B	C	D	E	F
21.04.22 to 10.05.22	F	G	H	A	B	C	D	E
11.05.22 to 30.05.22	E	F	G	H	A	B	C	D
31.05.22 to 19.06.22	D	E	F	G	H	A	B	C
20.06.22 to 09.07.22	C	D	E	F	G	H	A	B
10.07.22 to 29.07.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings as per new Roll Nos.:-
   Batch A -Roll Nos 01-10 **Batch B** - Roll Nos 11-20 **Batch C** - Roll Nos 21-30
   Batch D -Roll Nos 31-40 **Batch E** - Roll Nos 41-50 **Batch F** - Roll Nos 51-60
   Days G -Roll Nos 61-71 **Batch H** - Roll Nos 72-83
2. The II Term clinical posting is of 20 days in each Department.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

PBagchi

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021-22)

In view of the MUHS circular dated 23rd February stating that university exam is tentatively scheduled from 01.07.22, kindly find below the Modified CLINICAL ROTATION POSTING of II TERM FROM 20.02.22-15.06.22

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
20.02.22 to 06.03.22	A	B	C	D	E	F	G	H
07.03.22 to 21.03.22	H	A	B	C	D	E	F	G
22.03.22 to 04.04.22	G	H	A	B	C	D	E	F
05.04.22 to 19.04.22	F	G	H	A	B	C	D	E
20.04.22 to 04.05.22	E	F	G	H	A	B	C	D
05.05.22 to 18.05.22	D	E	F	G	H	A	B	C
19.05.22 to 01.06.22	C	D	E	F	G	H	A	B
02.06.22 to 15.06.22	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings as per new Roll Nos.:-
   Batch A -Roll Nos 01-10 **Batch B** - Roll Nos 11-20 **Batch C** - Roll Nos 21-30
   Batch D -Roll Nos 31-40 **Batch E** - Roll Nos 41-50 **Batch F** - Roll Nos 51-60
   Days G -Roll Nos 61-71 **Batch H** - Roll Nos 72-83
2. The II Term clinical posting is of 20 days in each Department.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Bagchi

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021)

CLINICAL ROTATION POSTING from 01.05.21-30.06.21
MODE OF LEARNING: ONLINE/VIRTUAL

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
01.05.21 to 08.05.21	D	E	F	G	H	A	B	C
09.05.2021 to 16.05.2021	C	D	E	F	G	H	A	B
17.05.2021 to 24.05.2021	B	C	D	E	F	G	H	A
25.05.2021 to 31.05.2021	A	B	C	D	E	F	G	H
01.06.21 To 08.06.21	H	A	B	C	D	E	F	G
09.06.21 To 15.06.21	G	H	A	B	C	D	E	F
16.06.21 To 23.06.21	F	G	H	A	B	C	D	E
24.06.21 To 30.06.21	E	F	G	H	A	B	C	D

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-12 **Batch B** - Roll Nos 13-24 **Batch C** – Roll Nos 25-36
   Batch D -Roll Nos 37-48 **Batch E** – Roll Nos 49-60 **Batch F** – Roll Nos 61-72
   Batch G -Roll Nos 73-84 **Batch H** – Roll Nos 85-96
2. The I Term clinical posting is of 07 days in each Department. (*) indicates Tentative 1st Internal Exam.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

INTERN 2020-21

Date:28.12.2020-27.12.2021

DY PATIL DENTAL SCHOOL, Lohegaon, Pune
BDS- INTERNSHIP Schedule- REGULAR BATCH 2020-21

Date / Department	28.12.20-11.01.21	12.01.21-26.01.21	27.01.21-10.02.21	11.02.21-25.02.21	26.02.21-12.03.21	13.03.21-28.03.21	29.03.21-12.04.21	13.04.21-27.04.21	28.04.21-12.05.21	13.05.21-27.05.21	28.05.21-11.06.21	12.06.21-26.06.21	27.06.21-11.07.21	12.07.21-26.07.21	27.07.21-10.08.21	11.08.21-25.08.21	26.08.21-11.09.21	12.09.21-26.09.21	27.09.21-11.10.21	12.10.21-27.10.21	28.10.21-12.11.21	13.11.21-27.11.21	28.11.21-12.12.21	13.12.21-27.12.21
Prostho	A/I	A/I	A/I	B	B	B	C	C	C/J	D/J	D/J	D/M	E/M	E/M	E/K	F/K	F/K	F	G	G/L	G/L	H/L	H	H
Conservative	H	H	H	A	A	A	B/I	B/I	B/I/M	C/M	C/M	C/J	D/J	D/J	D	E	E/L	E/L/K	F/K/L	F/K	F	G	G	G
Oral Surgery	G	G	G	H/I	H/I	H/I/M	A/M	A/M	A	B	B	B	C	C/L	C/J/L	D/J/L	D/J	D	E	E	E/K	F/K	F/K	F
Oral Med	F/M	F/M	K	G/K	G		N	H	H	A	A	I	I	B	B	C	C	J	J	D	D	E	E/L	L
Perio	K	E/K	E/F	F		G	G	L	L	H	H	A	A	I	I	B	B	C	C	J	J	D	D/M	M
Orthodontics	D	D	M	M	F	E/F	E	G	G	L	L	H/K	H/K	A	A	I	I	B	B	C	C	J	J	
Pedodontics	J	J	D	D/E	E/K	K	F	F		G	G	L	L	H	H	A	A	I	I	B	B/M	C/M	C	
Community	C/B/L	C/B/L	C/J/L	C/J/L	C/J/D/L	J/D	J/D/K	E/D/K	E/D/K	E/K	E/F/ K	E/F	F/	F/G	F/G/M	G/H/M	G/H/M	G/H/ M	H/M		A/H/I	A/I	A/I/B	A/I/B	A/I/B
Oral Patho&Elect	E		B		Me	C/Le	He/L	J/Pe	F	Fe/I	Ie	G	Ge/Be	K		P		Ae	A/De	M	H			Ce/D/Ee/Ie /Ke

[Please Note:Postings with "e" denotes Elective posting for that batch, for Eg. 'Ae' is Elective posting for all students of 'A' Batch]

Batch A-Roll no 1-5	Batch B-Roll no 6-10		Batch C-Roll No 11-15		Batch D -Roll no 16-20		Batch E-Roll no 20-25		Batch F-Roll No 26-30		
Batch G-Roll no 31-35	Batch H-Roll no 36-40		Batch I-Roll No 41-45		Batch J-Roll no 46-50		Batch K-Roll no 51-55		Batch L-Roll no 56-60		
	Batch M-Roll no 61-64										

Dr Paulami Bagchi
(In-charge,Time Table,Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr. Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

FINAL YEAR 2020-21

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2020-21)

CLINICAL ROTATION POSTING of I TERM FROM 28.12.20. to 21.03.21

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
28.12.2020 to 07.01.2021	A	B	C	D	E	F	G	H
08.01.2021 to 18.01.2021	H	A	B	C	D	E	F	G
19.01.2021 to(*) 29.01.2021	G	H	A	B	C	D	E	F
30.01.2021 to(*) 09.02.2021	F	G	H	A	B	C	D	E
10.02.2021 to 20.02.2021	E	F	G	H	A	B	C	D
21.02.2021 to 03.03.2021	D	E	F	G	H	A	B	C
04.03.2021 to 14.03.2021	C	D	E	F	G	H	A	B
15.03.2021 to 25.03.2021	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-12 **Batch B** – Roll Nos 13-23 **Batch C** – Roll Nos 24-35
   Batch D -Roll Nos 36-46 **Batch E** – Roll Nos 47-58 **Batch F** – Roll Nos 59-69
   Batch G -Roll Nos 70-81 **Batch H** – Roll Nos 82-92
2. The I Term clinical posting is of 07 days in each Department. (*) indicates Tentative 1st Internal Exam.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment e3amination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2021)

CLINICAL ROTATION POSTING of II TERM FROM 11.08.21-11.09.21

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term- Continued								
11.08.21 to 14.08.21	A	B	C	D	E	F	G	H
15.08.21 to 18.08.21	B	C	D	E	F	G	H	A
19.08.21 to 22.08.21	C	D	E	F	G	H	A	B
23.08.21 To 26.08.21	D	E	F	G	H	A	B	C
27.08.21 to 30.08.21	E	F	G	H	A	B	C	D
31.08.21 To 03.09.21	F	G	H	A	B	C	D	E
04.09.21 To 07.09.21	G	H	A	B	C	D	E	F
08.09.21 To 11.09.21	H	A	B	C	D	E	F	G

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-12 **Batch B** – Roll Nos 13-23 **Batch C** – Roll Nos 24-35
   Batch D –Roll Nos 36-46 **Batch E** – Roll Nos 47-58 **Batch F** – Roll Nos 59-69
   Batch G –Roll Nos 70-81 **Batch H** – Roll Nos 82-89 (New Roll nos from 87 onwards :-87-Anjali, 88-Sneha, 89-Rutuja)

6/9/21.

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

THIRD YEAR 2020-21

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2020-21)

CLINICAL ROTATION POSTING of I TERM FROM 28.12.20. to 25.03.21

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
28.12.2020 to 07.01.2021	A	B	C	D	E	F	G	H
08.01.2021 to 18.01.2021	H	A	B	C	D	E	F	G
19.01.2021 to 29.01.2021	G	H	A	B	C	D	E	F
30.01.2021 to(*) 09.02.2021	F	G	H	A	B	C	D	E
10.02.2021 to 20.02.2021	E	F	G	H	A	B	C	D
21.02.2021 to 03.03.2021	D	E	F	G	H	A	B	C
04.03.2021 to 14.03.2021	C	D	E	F	G	H	A	B
15.03.2021 to 25.03.2021	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A -Roll Nos 01-12 **Batch B** - Roll Nos 13-24 **Batch C** - Roll Nos 25-36
   Batch D -Roll Nos 37-48 **Batch E** - Roll Nos 49-60 **Batch F** - Roll Nos 61-72
   Batch G -Roll Nos 73-84 **Batch H** - Roll Nos 85-96
2. The I Term clinical posting is of 07 days in each Department. (*) indicates Tentative 1st Internal Exam.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021)

CLINICAL ROTATION POSTING from 01.05.21-31.05.21
MODE OF LEARNING: ONLINE/VIRTUAL

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
01.05.21 to 08.05.21	D	E	F	G	H	A	B	C
09.05.2021 to 16.05.2021	C	D	E	F	G	H	A	B
17.05.2021 to 24.05.2021	B	C	D	E	F	G	H	A
25.05.2021 to 31.05.2021	A	B	C	D	E	F	G	H
TO BE DECIDED	H	A	B	C	D	E	F	G
TBD	G	H	A	B	C	D	E	F
TBD	F	G	H	A	B	C	D	E
TBD	E	F	G	H	A	B	C	D

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-12 **Batch B** – Roll Nos 13-24 **Batch C** – Roll Nos 25-36
   Batch D –Roll Nos 37-48 **Batch E** – Roll Nos 49-60 **Batch F** – Roll Nos 61-72
   Batch G –Roll Nos 73-84 **Batch H** – Roll Nos 85-96
2. The I Term clinical posting is of 07 days in each Department. (*) indicates Tentative 1st Internal Exam.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Bagchi 28/04/21

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

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D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2021)

CLINICAL ROTATION POSTING from 16.06.21 to 04.09.21

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pedistric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term- Continued								
16.06.21 to 02.07.21	D	E	F	G	H	A	B	C
03.07.21 to 19.07.21	C	D	E	F	G	H	A	B
20.07.21 to 05.08.21	B	C	D	E	F	G	H	A
06.08.21 to 20.08.21	F	G	H	A	B	C	D	E
21.08.21 To 04.09.21	E	F	G	H	A	B	C	D

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-12 **Batch B** – Roll Nos 13-24 **Batch C** – Roll Nos 25-36
   Batch D –Roll Nos 37-48 **Batch E** – Roll Nos 49-60 **Batch F** – Roll Nos 61-72
   Batch G –Roll Nos 73-84 **Batch H** – Roll Nos 85-96
2. Postings from 16.06.21 to 05.08.21 have been made according to the pending first term postings of batches B, A and H, with 17 days in each posting.
3. Postings from 06.08.21 to 04.09.21 are the pending second term postings of the batches D and C of 15 days each.
4. One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

PBagchi 16/06/21

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CLINICAL POSTING TIMETABLE

INTERN 2019-20

DY PATIL DENTAL SCHOOL, Lohegaon, Pune

BDS- INTERNSHIP Schedule (revised)- REGULAR BATCH 2019-20

Date:27.09.19

Date / Department	16.09.19-30.09.19	01.10.19-15.10.19	16.10.19-01.11.19	02.11.19-16.11.19	17.11.19-01.12.19	02.12.19-16.12.19	17.12.19-31.12.19	01.01.20-15.01.20	16.01.20-30.01.20	31.01.20-14.02.20	15.02.20-29.02.20	01.03.20-15.03.20	16.03.20-30.03.20	31.03.20-15.04.20	16.04.20-30.04.20	01.05.20-15.05.20	16.05.20-30.05.20	31.05.20-14.06.20	15.06.20-29.06.20	30.06.20-14.07.20	15.07.20-29.07.20	30.07.20-13.08.20	14.08.20-29.08.20	30.08.20-15.09.20
Prostho	A/I	A/I	A/I/P	B/P	B/P	B	C/O	C/O	C/J/O	D/J	D/J	D/M	E/M	E/M	E/K	F/K	F/K/N	F/N	G/N	G/L	G/L	H/L	H	H
Conservative	H/N	H/N	H/N	A/O	A/O	A/O	B/I	B/I	B/I/M	C/M	C/M	C/J	D/J	D/J	D	E	E/L	E/L/K	F/K/L	F/K	F	G/P	G/P	G/P
Oral Surgery	G/O	G/O	G/O	H/I	H/I	H/I/M	A/M	A/M	A/P	B/P	B/P	B	C	C/L	C/J/L	D/J/L	D/J	D	E	E/N	E/K/N	F/K/N	F/K	F
Oral Med	F/M	F/M	K	G/K	G	P	N/P	H/N	H	A	A	I	I	B	B/O	C/O	C	J	J	D	D	E	E/L	L
Perio	K	E/K	E/F	F	N	G/N	G	L	L	H	H	A/P	A/P	I	I	B	B/O	C/O	C	J	J	D	D/M	M
Orthodontics	D	D	M	M	F	E/F	E	G	G	L	L	H/K	H/K	A/P	A/P	I	I	B	B/O	C/O	C	J	J/N	N
Pedodontics	J/P	J/P	D	D/E	E/K	K	F	F	N	G/N	G	L	L	H	H	A	A	I	I	B	B/M	C/M	C/O	O
Community	C/B/L	C/B/L	C/J/L	C/J/L	C/J/D/L	J/D	J/D/K	E/D/K	E/D/K	E/K/O	E/F/ K/N/O	E/F/N/O	F/N/O	F/G/N/O	F/G/M/N	G/H/M	G/H/M/P	G/H/ M/P	H/M/P	A/H/I/P	A/I/P	A/I/B	A/I/B	A/I/B
Oral Patho&Elect	E		B	N	Me	C/Le	He/L	J/Pe	F	Fe/I	Ie	G	Ge/Be	K		Ne/P		Ae	A/De	M	H/Oe	O		Ce/D/Ee/Ie/Ke

[Please Note:Postings with "e" denotes Elective posting for that batch, for Eg: 'Ae' is Elective posting for all students of 'A' Batch]

Batch A-Roll no 1-4	Batch B-Roll no 5-9		Batch C-Roll No 10-14		Batch D -Roll no 15-18		Batch E-Roll no19-23		Batch F-Roll No 24-28
Batch G-Roll no 29-33	Batch H-Roll no 34-37		Batch I-Roll No 38-42		Batch J-Roll no 43-47		Batch K-Roll no 48-52		Batch L-Roll no 53-56
	Batch M-Roll no 57-60		Batch N-Roll no 61-65		Batch O-Roll No -66-70		Batch P-Roll no 71-75		

Dr.Paulami Bagchi
(In-charge,Time Table,Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr. Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

FINAL YEAR 2019-20

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (Regular Batch-2019)

CLINICAL ROTATION POSTING of I TERM FROM 01.08.19. to 19.12.19.

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
01.08.2019 to 17.08.2019	A	B	C	D	E	F	G	H
18.08.2019 to 04.09.2019	H	A	B	C	D	E	F	G
05.09.2019 to 21.09.2019	G	H	A	B	C	D	E	F
22.09.2019 to 08.10.2019	F	G	H	A	B	C	D	E
09.10.2019 to 26.10.2019	E	F	G	H	A	B	C	D
27.10.2019 to (*) 15.11.2019	D	E	F	G	H	A	B	C
16.11.2019 to 02.12.2019	C	D	E	F	G	H	A	B
03.12.2019 to 19.12.2019	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-09 **Batch B** – Roll Nos 10-17 **Batch C** – Roll Nos 18-26
   Batch D –Roll Nos 27-35 **Batch E** – Roll Nos 36-44 **Batch F** – Roll Nos 45-52
   Days G –Roll Nos 53-60 **Batch H** – Roll Nos 61-69
2. The Clinical postings are of 17 days in each Department. (*) indicates Tentative 1st Internal Exam /2 extra days for University Holidays for Diwali (28th,29th Oct).
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students.

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

THIRD YEAR 2019-20

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2019)

CLINICAL ROTATION POSTING of I TERM FROM 01.08.19. to 01.12.19.

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
01.08.2019 to 15.08.2019	A	B	C	D	E	F	G	H
16.08.2019 to 30.08.2019	H	A	B	C	D	E	F	G
31.08.2019 to 14.09.2019	G	H	A	B	C	D	E	F
15.09.2019 to 29.09.2019	F	G	H	A	B	C	D	E
30.09.2019 to 14.10.2019	E	F	G	H	A	B	C	D
15.10.2019 to (*) 02.11.2019	D	E	F	G	H	A	B	C
03.11.2019 to 17.11.2019	C	D	E	F	G	H	A	B
18.11.2019 to 01.12.2019	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-11,90 **Batch B** – Roll Nos 12-22 ,91 **Batch C** – Roll Nos 23-33,92
   Batch D –Roll Nos 34-44,93 **Batch E** – Roll Nos 45-55 **Batch F** – Roll Nos 56-66
   Days G –Roll Nos 67-77 **Batch H** – Roll Nos 78-89
2. The I Term clinical posting is of 15 days in each Department. (*) indicates Tentative 1st Internal Exam /2 extra days for University Diwali Holidays(28th,29th Oct).
3. THE BATCHES/ROLL NOS MAY/WILL BE REVISED BASED ON THE UNIVERSITY EXAMINATION RESULTS.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

INTERN 2018-19

DY PATIL DENTAL SCHOOL, PUNE

BDS- INTERNSHIP Schedule- REGULAR Batch, 2018-19

Batch \ Date	01.09.18-15.09.18	16.09.18-30.09.18	01.10.18-15.10.18	16.10.18-31.10.18	01.11.18-15.11.18	16.11.18-30.11.18	01.12.18-15.12.18	16.12.18-31.12.18	01.01.19-15.01.19	16.01.19-31.01.19	01.02.19-15.02.19	16.02.19-28.02.19
A	OP	OM	OM	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS
B	OM	OM	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS	CONS
C	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS	CONS	CONS	PROSTHO
D	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS	CONS	CONS	PROSTHO	PROSTHO	PROSTHO
E	PERIO	PERIO	OS	OS	OS	CONS	CONS	PROSTHO	PROSTHO	PROSTHO	PHD	PHD
F	OS	OS	OS	CONS	CONS	PROSTHO	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD
G	CONS	CONS	PROSTHO	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE
H	PROSTHO	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE	OP	OM
I	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE	OP	OM	OM	PEDO	PEDO

Batch \ Date	01.03.19-15.03.19	16.03.19-31.03.19	01.04.19-15.04.19	16.04.19-30.04.19	01.05.19-15.05.19	16.05.19-31.05.19	01.07.19-15.07.19	16.06.19-30.06.19	01.07.19-15.07.19	16.07.19-31.07.19	01.08.19-15.08.19	16.08.19-31.08.19
A	CONS	CONS	PROSTHO	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE
B	CONS	PROSTHO	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE	OP
C	PROSTHO	PROSTHO	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE	OP	OM	OM
D	PHD	PHD	PHD	PHD	PHD	CONS	ELECTIVE	OP	OM	OM	PEDO	PEDO
E	PHD	PHD	PHD	CONS	ELECTIVE	OP	OM	OM	PEDO	PEDO	ORTHO	ORTHO
F	PHD	CONS	ELECTIVE	OP	OM	OM	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO
G	OP	OM	OM	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS
H	OM	PEDO	PEDO	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS	CONS	CONS
I	ORTHO	ORTHO	PERIO	PERIO	OS	OS	OS	CONS	CONS	PROSTHO	PROSTHO	PROSTHO

[Abbreviations:PHD-Public Health Dentistry; OP-Oral Pathology;OS-Oral Surgery; OM-Oral Medicine;Elective- Dept of Choice]

Please note: Additional 15 days CONS posting alloted to each batch from the last 15 days of the long posting of PHD

Please Note:Roll Numbers of Interns for Clinical Postings are as follows:

Batch A-Roll no 1-2(Devyani, Jaswender)
Batch B-Roll no3-4(Purva, Preeti)
Batch C-Roll No5-6(Neelam, Ruchika)
Batch D -Roll no7-8(Vishwa,Priya)
Batch E-Roll no9-10(Maruti,Vijaylakshmi)
Batch F-Roll No11-12(Priyanka,Varuna)
Batch G-Roll no 13-14(Jayashree,Kajal)
Batch H-Roll no 15-16(Shrutika,Neha)
Batch I-Roll No 17-18(Muskan,Kajal)

Dr.Paulami Bagchi
(In-charge,Time Table,Examination Committee)

Dr. Anand Shigli
Dean

D.Y. PATIL DENTAL SCHOOL PUNE

CLINICAL POSTING TIMETABLE

FINAL YEAR 2018-19

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE
FINAL YEAR BDS (Regular Batch-2018)

CLINICAL ROTATION POSTING of FIRST & SECOND TERM- 01.08.2018 onwards

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillo-facial Surgery	Periodontics	Prosthodontics	Orthodontics	Pediatric Dentistry	Public Health Dentistry
I TERM								
01.08.2018 to 17.08.2018	A	B	C	D	E	F	G	H
18.08.2018 to 04.09.2018	H	A	B	C	D	E	F	G
05.09.2018 to 22.09.2018	G	H	A	B	C	D	E	F
23.09.2018 to 10.10.2018	F	G	H	A	B	C	D	E
11.10.2018 to 28.10.2018	E	F	G	H	A	B	C	D
29.10.2018 to 22.11.2018	D	E	F	G	H	A	B	C
23.11.2018 to 10.12.2018	C	D	E	F	G	H	A	B
11.12.2018 To 31.12.2018	B	C	D	E	F	G	H	A

Dr Paulami Bagchi
(In-Charge, Time Table section,
Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr ANAND SHIGLI
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE
FINAL YEAR I & II Term BDS (Regular Batch)
REVISED CLINICAL ROTATION POSTING FROM 01.04.2019 till 10.05.2019

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Periodontics	Prosthodontics	Orthodontics	Pediatric Dentistry	Public Health Dentistry
I Term								
01.08.2018 to 17.08.2018	A	B	C	D	E	F	G	H
18.08.2018 to 04.09.2018	H	A	B	C	D	E	F	G
05.09.2018 to 22.09.2018	G	H	A	B	C	D	E	F
23.09.2018 to 10.10.2018	F	G	H	A	B	C	D	E
11.10.2018 to (*) 28.10.2018	E	F	G	H	A	B	C	D
29.10.2018 to 22.11.2018	D	E	F	G	H	A	B	C
23.11.2018 to 10.12.2018	C	D	E	F	G	H	A	B
11.12.2018 to 31.12.2018	B	C	D	E	F	G	H	A
II Term (Revised Roll numbers)								
01.01.2019 to 15.01.2019	A	B	C	D	E	F	G	H
16.01.2019 to 30.01.2019	H	A	B	C	D	E	F	G
31.01.2019 to 14.02.2019	G	H	A	B	C	D	E	F
15.02.2019 to 01.03.2019	F	G	H	A	B	C	D	E
02.03.2019 to 16.03.2019	E	F	G	H	A	B	C	D
17.03.2019 to 31.03.2019	D	E	F	G	H	A	B	C
01.04.2019 to* 25.04.2019	C	D	E	F	G	H	A	B
26.04.2019 to 10.05.2019	B	C	D	E	F	G	H	A

(*-Prelims practical exams to be held from 03.04.19 to 12.04.19.)

Please note:

1. **Students** Distribution for Dental Clinical Postings;

Batch A – Roll Nos. 01- 09 **Batch B** – Roll Nos. 10-19 **Batch C** – Roll Nos. 20-29 **Batch D** – Roll Nos. 30-38
Batch E – Roll Nos. 39-48 **Batch F** – Roll Nos. 49-58 **Batch G** – Roll Nos. 59-68 **Batch H** – Roll Nos. 69-78

(The batches and Roll numbers have been revised, based on the University examination results.)

2. **Students, to note**: Clinical Postings continue as per schedule even during the Internal Assessment Theory Examinations
3. **One Clinical Internal Assessment examination** shall be conducted at the end of each clinical posting based on the **MUHS University Practical Examination marks distribution**
4. **I,II,III(Prelims) Internal Assessment Examination** Time tables will be circulated at a later date. [(*) Tentative I Internal Exam]
5. All **HOD** s to kindly ensure the submission of soft copy of monthly Attendance (Theory and Clinical/Practical) of students every quarterly (i.e. by 5th of - October, January and April) to the Student section, Admin office through mail at vinayak.bhosale@dypds.com.

Dr Paulami Bagchi
(In-Charge, Time Table section, Examination Committee)

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

FINAL YEAR BDS (2018-19 Regular Batch)

II Term

REVISED CLINICAL ROTATION POSTING FROM 11.05.2019 till 31.05.2019

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Periodontics	Prosthodontics	Orthodontics	Pediatric Dentistry	Public Health Dentistry
Revised II Term								
11.05.2019 to 12.05.2019	A	B	C	D	E	F	G	H
13.05.2019 to 15.05.2019	H	A	B	C	D	E	F	G
16.05.2019 to 18.05.2019	G	H	A	B	C	D	E	F
19.05.2019 to 20.05.2019	F	G	H	A	B	C	D	E
21.05.2019 to 23.05.2019	E	F	G	H	A	B	C	D
24.05.2019 to 26.05.2019	D	E	F	G	H	A	B	C
27.05.2019 to 28.05.2019	C	D	E	F	G	H	A	B
29.05.2019 to 31.05.2019	B	C	D	E	F	G	H	A

Please note:
In view of MUHS Circular No. MUHS/R/XA/6156/2018, the clinical postings of all students have been extended as follows to meet the students' attendance criteria required as per University guidelines.

Dr Paulami Bagchi
(In-Charge, Time Table section,
Examination Committee)

Dr Anand Shigli
Dean

D.Y. PATIL DENTAL SCHOOL PUNE

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE
FINAL YEAR I & II Term BDS (Regular Batch)
REVISED CLINICAL ROTATION POSTING FROM 01.04.2019 till 10.05.2019

Tentative Theory and Practical Examination Schedule: Ist Internal Examination

Date	Subject	Time
25/09/17, Monday	Oral Pathology : Theory	08:30 – 11:30AM
26/09/17, Tuesday	Oral Pathology : Practical Batch A	08:30 – 11:30AM
26/09/17, Tuesday	Gen Medicine : Practical Batch B	09:30 – 12:30PM
26/09/17, Tuesday	Gen Surgery : Practical Batch C	09:30 – 12:30PM
27/09/17, Wednesday	Gen Surgery: Theory	09:30 – 12:30PM
28/09/17, Thursday	Gen Medicine: Theory	09:30 – 12:30PM
29/09/17, Friday	Oral Pathology : Practical Batch B	08:30 – 11:30AM
29/09/17, Friday	Gen Medicine : Practical Batch C	09:30 – 12:30PM
29/09/17, Friday	Gen Surgery : Practical Batch A	09:30 – 12:30PM
03/10/17, Tuesday	Oral Pathology : Practical Batch C	08:30 – 11:30AM
03/10/17, Tuesday	Gen Medicine : Practical Batch A	09:30 – 12:30PM
03/10/17, Tuesday	Gen Surgery : Practical Batch B	09:30 – 12:30PM

Batch A : 1 to 30
Batch B : 31 to 60
Batch C : 61 to 88

Please note:

1. **IINd Internal, Preliminary and additional examinations time tables will be circulated at a later date**

Dr Paulami Bagchi
(In-Charge, Time Table section, Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

CLINICAL POSTING TIMETABLE

THIRD YEAR 2018-19

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2018-19)

CLINICAL ROTATION POSTING of I TERM FROM 01.08.18. to 31.12.18

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
I Term								
01.08.2018 to 17.08.2018	A	B	C	D	E	F	G	H
18.08.2018 to 04.09.2018	H	A	B	C	D	E	F	G
05.09.2018 to 22.09.2018	G	H	A	B	C	D	E	F
23.09.2018 to 10.10.2018	F	G	H	A	B	C	D	E
11.10.2018 to 28.10.2018	E	F	G	H	A	B	C	D
29.10.2018 to (*) 22.11.2018	D	E	F	G	H	A	B	C
23.11.2018 to 10.12.2018	C	D	E	F	G	H	A	B
11.12.2018 to 31.12.2018	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-08 **Batch B** – Roll Nos 09-16 **Batch C** – Roll Nos 17-25
   Batch D –Roll Nos 26-34 **Batch E** – Roll Nos 35-42 **Batch F** – Roll Nos 43-51
   Days G –Roll Nos 52-59 **Batch H** – Roll Nos 60-69
2. The I Term clinical posting is of 17 days in each Department. (*) indicates Tentative 1st Internal Exam.
3. The batches may be revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

D.Y. PATIL DENTAL SCHOOL PUNE

Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (Regular Batch-2018-19)

CLINICAL ROTATION POSTING of II TERM FROM 01.01.19. to 30.04.19

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Orthodontics	Pediatric Dentistry	Periodontics	Prosthodontics	Public Health Dentistry
II Term								
01.01.19 to 15.01.19	A	B	C	D	E	F	G	H
16.01.19 To(**) 30.01.19	H	A	B	C	D	E	F	G
31.01.19 to 14.02.19	G	H	A	B	C	D	E	F
15.02.19 to 01.03.19	F	G	H	A	B	C	D	E
02.03.19 to 16.03.19	E	F	G	H	A	B	C	D
17.03.19 to 21.03.19	D	E	F	G	H	A	B	C
01.04.19 to 15.04.19	C	D	E	F	G	H	A	B
16.04.19 to 30.04.19	B	C	D	E	F	G	H	A

Please note:

1. Students Distribution for Dental Clinical Postings;
   Batch A –Roll Nos 01-08 **Batch B** – Roll Nos 09-16 **Batch C** – Roll Nos 17-25
   Batch D –Roll Nos 26-34 **Batch E** – Roll Nos 35-42 **Batch F** – Roll Nos 43-51
   Days G –Roll Nos 52-59 **Batch H** – Roll Nos 60-69
2. The II Term clinical posting is of 15 days in each Department. (**) indicates Tentative 2nd Internal Exam.
3. The batches have been revised based on the University examination results.
4. **One Clinical Internal Assessment examination shall be conducted at the end of each clinical posting based on the MUHS University Practical Examination marks distribution.**
5. Students, to note: Clinical Postings to continue as per schedule even during the Internal Assessment Theory Examinations.
6. Departments to submit monthly Attendance of students

Dr Paulami Bagchi
In-Charge, Time Table section
Examination Committee

Dr Anand Shigli
Dean

D Y PATIL DENTAL SCHOOL,
D Y PATIL KNOWLEDGE CITY, LOHEGAON, PUNE

THIRD YEAR BDS (2018-19 Regular Batch)

II Term

REVISED CLINICAL ROTATION POSTING FROM 01.05.19. till 31.05.2019

Subject / Dates	Conservative Dentistry	Oral Medicine & Radiology	Oral & Maxillofacial Surgery	Periodontics	Prosthodontics	Orthodontics	Pediatric Dentistry	Public Health Dentistry
REVISED II Term								
01.05.2019 to 04.05.2019	A	B	C	D	E	F	G	H
05.05.2019 to 08.05.2019	H	A	B	C	D	E	F	G
09.05.2019 to 12.05.2019	G	H	A	B	C	D	E	F
13.05.2019 to 16.05.2019	F	G	H	A	B	C	D	E
17.05.2019 to 20.05.2019	E	F	G	H	A	B	C	D
21.05.2019 to 24.05.2019	D	E	F	G	H	A	B	C
25.05.2019 to 28.05.2019	C	D	E	F	G	H	A	B
29.05.2019 to 31.05.2019	B	C	D	E	F	G	H	A

Please note:

In view of MUHS Circular No. MUHS/R/XA/6156/2018, the clinical postings of all students have been extended as follows to meet the students' attendance criteria required as per University guidelines.

Dr Paulami Bagchi
(In-charge, Time Table section,
Examination Committee)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr Anand Shigli
Dean

SOP of Examination Committee (Internal Assessment Examination)

EXAMINATION COMMITTEE-INTERNAL ASSESSMENT

COMMITTEE MEMBERS-

Head - Dr.Paulami Bagchi

Members -Dr.Kiran keswani

Dr.Shailesh Dongare

Dr. DIvya Gupta

COLLEGE INTERNAL ASSESMENT

STANDARD OPERATING SYSYTEM

A total of 3 sessional examinations are conducted during the entire academic year. These three internal assessment exams are conducted on a regular basis according to the university norms.

All exams are considered for final calculation of internal assessment marks.

REGULAR BATCH

EXAMS	I BDS	II BDS	III BDS	IV/I semester
First sessional	3rd month from start of academic session	3rd month from start of academic session	3rd month from start of academic session	3rd month from start of academic session
Second sessional	6th month from start of academic session	6th month from start of academic session	6th month from start of academic session	6th month from start of academic session
Third/prelims	1-1.5 months before start of University exam	1-1.5 months before start of University exam	1-1.5 months before start of University exam	1-1.5 months before start of University exam

D.Y. PATIL DENTAL SCHOOL PUNE

REFERRED BATCH/WINTER

EXAMS	I BDS	II BDS	III BDS	IV/I semester
First sessional	-	3rd month from start of academic session	3rd month from start of academic session	3rd month from start of academic session
Second sessional	-	6th month from start of academic session	6th month from start of academic session	6th month from start of academic session
Third/prelims	-	1-1.5 months before start of University exam	1-1.5 months before start of University exam	1-1.5 months before start of University exam

The distribution of marks in each exam [for theory and practical] is given below

THEORY

EXAMS	MCQs	SAQS	LAQS	TOTAL
First sessional	20	20	20	60
Second sessional	20	20	20	60
Third/prelims	20	40	20	80

PRACTICAL

EXAMS	MARKS
First	60
Second	60
Third	80

• If student remains absent on medical grounds, then **ADDITIONAL exam** will be conducted within 15 days after Prelims examination in departmental level, for the practical examination.

Final internal assessment marks will be calculated as follows.

D.Y. PATIL DENTAL SCHOOL PUNE

THEORY & PRACTICAL:

Sr No	Name of the student	First Internal- out of 3	Second Internal- out of 3	Third Internal -out of 4	Additional Exam – (out of 3 / 4 as applicable)	Aggregate Total out of 10	Signature of student

When a student fails in any subject in the Final University Examination, his/her Internal assessment marks are calculated as follows-

2 BETTERMENT examinations are taken and each are calculated out of 5 as follows ;-

Sr No	Name of the student	First Betterment- out of 5	Second Betterment- out of 5	Aggregate Total out of 10	Signature of student

Then a comparison is made of the Final aggregate out of 10 between the earlier submitted internal assessment marks and the current Betterment exam aggregate – The higher marks is submitted as final internal assessment.

D. Y. PATIL DENTAL SCHOOL PUNE

COLLEGE INTERNAL ASSESMENT

STANDARD OPERATING SYSYTEM

1. **Academic calendar**
   - With reference to academic calendar exams are planned.
2. **Formation of Exam Committee**
   - Members for exam committee are selected by the management.
3. **Planning**
   - The committee meets the Principal at the beginning of the academic session and discusses and plans for the forth coming exams formative exams.
4. **Circular**
   - Internal assessment Circulars are sent to all departments mentioning the dates and subjects with time and session well ahead of time.
5. **Question Papers Setting:**
   - The respective subject teachers set their Question Papers .
   - Preparation of Question Paper is as per university regulations.
6. **Requirements**
   - Arrangements are made demanding to the number of required copies of question paper.
   - All the necessary steps are taken to print the question paper.
   - Arrangements of answer scripts, attendance sheets are done.
7. **Rooms identification and intimation to All HoDs & In-charges**
   - Identifying the examination halls and intimation to the Respective Departements is made for necessary arrangements.
   - Preparation of consolidated seating plan and attendance sheets.
   - Students will be intimidated the same on the previous day of the examinations through different notice boards and entry points near steps.

D.Y. PATIL DENTAL SCHOOL PUNE

- Request for security persons to control the flow and to support the examination system.

8. **Allotment of Dept. Wise Invigilators**

- Invigilators are selected based on the need and are intimidated.
- No of invigilators = total strength / 30 per internal examinations

9. **Class room boards cleaning**

- The class room board cleaning duty is assigned to Non Teaching staff.

10. **Distribution of Question Papers to halls**

- The invigilators on the day of Examination carry question papers along with them to the examination hall.

11. **Attendance sheet**

- Attendance sheet statements are arranged on the daily basis.
- It will be taken by the invigilators to the exam halls along with the question paper cover.

12. **Bell timings**

a. Short Bell at 8.45AM / 12.30 PM

b. Medium Bell at 9:00AM / 12.45 PM

c. Long Bell at 9.15 AM / 1:00 PM

d. Warning Bell at 12:25 PM / 3.55 PM

e. Final Bell at 12.15:00 PM / 4:00 PM

13. **Absentees Statements for all examinations**

After every examination, branch wise consolidated absentee's statement is prepared.

14. **Collection and Submission of answer scripts from invigilators to Subject Teachers**

- Branch wise answer scripts will be collected from invigilators

Dr. Paulami Bagchi
Head, Examination Committee
(Internal Assessment)

D.Y. PATIL DENTAL SCHOOL PUNE

Dr. Anand Shigli
Dean

D Y PATIL GROUP
D Y PATIL DENTAL SCHOOL
Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

Ref No.: DYPDS/3170 **Date: 06/06/2023**

CIRCULAR

To,

All HOD's, DYPDS Pune

Sub- Examination Committee.

Respected HOD's,

Kindly note the Examination Committee was revised and the following members are appointed for committee. Please ensure that the members sign the notice and coordinate with the respective Committee Head.

Dr. Anand Shigli

Dean

D.Y. PATIL DENTAL SCHOOL PUNE

Dr D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412 105
Phone (020) 67077779 • Fax (020) 67072718 • E Mail : dean@dypds.com

Composition of Examination Committee 2023

Sr. No.	Name of the Staff	Department
1	Dr. Paulami Bagchi (Chairman)	Prosthodontics
2	Dr. Divya Gupta	Conservative & Endodontics
3	Dr. Shailesh Dongre	Orthodontics
4	Dr. Kiran Keswani	Conservative & Endodontics

D Y PATIL GROUP
D Y PATIL DENTAL SCHOOL
Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

Ref No.: DYPDS/1624 **Date: 04/06/2021**

CIRCULAR

To,

All HOD's, DYPDS Pune

Sub- Examination Committee.

Respected HOD's,

Kindly note the Examination Committee was revised and the following members are appointed for committee. Please ensure that the members sign the notice and coordinate with the respective Committee Head.

Dr. Anand Shigli

Dean

D.Y. PATIL DENTAL SCHOOL PUNE

Dr D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412 105
Phone (020) 67077779 • Fax (020) 67072718 • E Mail : dean@dypds.com

Composition of Examination Committee 2021

Sr. No.	Name of the Staff	Department
1	Dr. Paulami Bagchi (Chairman)	Prosthodontics
2	Dr. Divya Gupta	Conservative & Endodontics
3	Dr. Shailesh Dongre	Orthodontics
4	Dr. Kiran Keswani	Conservative & Endodontics

D Y PATIL GROUP
D Y PATIL DENTAL SCHOOL
Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

Ref No.: DYPDS/514 **Date: 05/06/2018**

CIRCULAR

To,

All HOD's, DYPDS Pune

Sub- Examination Committee.

Respected HOD's,

Kindly note the Examination Committee is formed and the following members are appointed for committee. Please ensure that the members sign the notice and coordinate with the respective Committee Head.

Dr. Anand Shigli

Dean

D.Y. PATIL DENTAL SCHOOL PUNE

Dr D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412 105
Phone (020) 67077779 • Fax (020) 67072718 • E Mail : dean@dypds.com

Composition of Examination Committee 2018

Sr. No.	Name of the Staff	Department
1	Dr. Paulami Bagchi (Chairman)	Prosthodontics
2	Dr. Rakesh Mutha	Periodontics
3	Dr. Shailesh Dongre	Orthodontics
4	Dr. Kiran Keswani	Conservative & Endodontics

SOP of Academic Planning Committee

D Y PATIL GROUP
D Y PATIL DENTAL SCHOOL
Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

Date: 11/10/2021

ACADEMIC PLANNING COMMITTEE

Composition of the Committee

HEAD: Dr. Paulami Bagchi

MEMBERS:

Dr. Pratik Hande

Dr. Swati Joshi

Dr. Arti Hajarnavis

Dr. Divya Gupta

Dr. Avanti Chinte

Mrs. Shailaja Panhalkar

STANDARD OPERATING PROCEDURES

Purpose and Scope:

The purpose of the Academic Planning Committee (APC) is to establish a structured approach for planning, implementing, and evaluating academic programs at DYPDS.

The APC shall be responsible for lying down the academic policies in regard to maintenance and improvement of standards of teaching, research, value added courses, enrichment programs, extension collaboration programs in academic matters and evaluation of workload of the teachers. APC covers all academic activities including curriculum development, scheduling, faculty development, and student assessment.

The syllabus framed by the MUHS (affiliating university) and Dental Council of India (DCI) is analysed and designed by the Academic Planning Committee constituted by the college for effective planning and its delivery. Being an affiliated institute, there is a limited scope for design and development of the curriculum.

Functions:

APC is responsible for making a detailed Annual Academic Calendar (AAC) for the smooth implementation of the curriculum. The AAC is prepared by members of Academic Planning Committee keeping in view the curriculum and additional programs for curricular enrichment given by Curriculum committee and deadlines and requirements as prescribed by MUHS. The AAC tabulates the key dates and deadlines of important academic activities including commencement dates and internal and university examinations for UG and PG programs along with the various other activities planned for the entire year.

Master timetable (Structured Block Time Table) is prepared by the APC considering required hours of teaching and schedule of internal assessment examinations.

Each department pre-plans their respective Lectures and practical for the students with the help of the AAC and the Master Timetables prepared by the APC. Regular seminars and journal clubs too are scheduled for the students. Once formulated, it is circulated amongst all stake holders at the beginning of the academic year and displayed on the institutional website.

Orientation programs are conducted for the students of each year who are informed about the prescribed syllabus, additional programs for curricular enrichment and fulfillment of minimum requirement of preclinical and clinical work for course completion. Concurrent clinical training is scheduled for the post-graduate students through inter- departmental posting.

Value added, and Add-on courses are also planned for each year for overall enrichment of the curriculum.

APC has an established system in function of collecting from the Feedback Committee, the various feedback reports from students and faculty on academic programs and consequently uses this feedback to take actions and make improvements.

Meetings:

The committee meets twice in every academic year to discuss and decide the timetable schedules, vacations as prescribed by MUHS, value added courses and other enrichment programs. (The past years have had signatories of the various notices and circulars of APC under various designations like Head, Examination Committee Internal/Examination Co-Ordinator/Timetable In charge. After implementation of the SOP of APC all notices and circular from APC will have the signature of Head, APC.)

By following this SOP, the Academic Planning Committee at DYPDS effectively manages academic activities and ensures a high standard of education and continuous improvement.

D. Y. PATIL DENTAL SCHOOL ★ PUNE

DEAN
DYPDS

D Y PATIL GROUP

D Y PATIL DENTAL SCHOOL

Affiliated to the Maharashtra University of Health Sciences, Nashik
Recognized by Dental Council of India

Ref No. DYPDS/1817

Date: 29/09/2021

CIRCULAR

To,

All HODs,

DYPDS Pune

Sub: Various Committees and Members appointed.

Respected HODs,

Kindly note the following committees formed and the members appointed for each committee. Please ensure that the members sign the notice and coordinate with the respective Committee Head.

Dr. Anand Shigli

DEAN

D Y PATIL DENTAL SCHOOL PUNE

EXAMINATION COMMITTEE

Sr. No.	Name of the Member	Department
1	Dr. Pritesh Gawali (Committee Head)	Peadodontics
2	Dr. Geetanjali Jadhav	Peadodontics
3	Dr. Soniya Raheja	Peadodontics
4	Dr. Prakash Gaikwad	Public Health Dentistry
5	Mr. Vinayak Bhosale	Dean Office

CURRICULUM COMMITTEE

Sr. No.	Name of the Member	Department
1	Dr. Makarand Apte (Committee Head)	Anatomy
2	Dr. Kamal Shigli	Prosthodontics
3	Dr. Jyoti Kulkarni	Biochemistry
4	Dr. Divya Rachalwar	Endodontics
5	Dr. Ashwini Nerkar	OMDR

ACADEMIC PLANNING COMMITTEE

Sr. No.	Name of the Member	Department
1	Dr. Paulami Bagchi (Committee Head)	Prosthodontics
2	Dr. Pratik Hande	Oral Surgery
3	Dr. Avanti Chinte	OMDR
4	Dr. Divya Gupta	Endodontics
5	Mrs. Shailaja Panhalkar	Microbiology

EXAM ATTENDANCE RECORD
2022-2023

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY
D.Y.PATIL DENTAL SCHOOL, LOHEGAON.
FIRST BDS (2022-3 BATCH) REG BATCH

NOTICE

FIRST INTERNAL ASSESSMENT SYLLABUS

DENTAL ANATOMY:

- INTRODUCTION, GLOSSARY AND NOTES
- TOOTH NUMBERING SYSTEMS
- DIFFERENCES BETWEEN PERMANENT AND DECIDIOUS DENTITION
- TRAITS, LANDMARKS OF TEETH
- MAXILLARY CENTRAL INCISOR
- MANDIBULAR CENTRAL INCISOR
- MAXILLARY LATERAL INCISOR
- MANDIBULAR LATERAL INCISOR
- MAXILLARY CANINE
- MANDIBULAR CANINE

ORAL HISTOLOGY

- ORAL MUCOUS MEMBRANE
- STUDY OF CELLS
- MAXILLARY SINUS
- DEVELOPMENT OF TOOTH
- ENAMLE
- DENTINE
- PULP

for

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD Date: 08/ 07/ 2022

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
17.	DAMALE BHAGYASHREE SANTOSH	
18.	DEMBDA MUSKAN RAVI	
19.	DEORE TANAYA RAJENDRA	
20.	DEVKATE RUSHIKESH MACHCHHINDRA	
21.	DOLSE VISHAKHA RAMESH	
22.	DUMALE SIMRAN SATISH	
23.	FUNDE ARATI VISHWANATH	
24.	GADHARI SOHAM SANJAY	
25.	GARDE ROHIT NARHARI	
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	

34	JAIN YUTHIKA DEEPAK	YDJain
35.	JAWALE PRAJAKTA SURESH	
36.	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	G. M. Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
57.	OSWAL VIDHI LALIT	
58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
66.	PHATAK HRUSHKESH RAJENDRA	
67.	PUDALE SHUBHANYU SUDESH	
68.	RAMTEKE SAWANI SATYAWAN	
69.	RAUT MRUNAL RAMESH	
70.	RONGATE SUMEDHA TUKARAM	
71.	SALAVE VAISHNAVI BABAN	
72.	SALVE SANIYA VASANT	

	SARALE KSHITIJA PRAKASHRAO	
74.	SARODE HARDIKA ATUL	
75.	SAWANT MIHIKA SACHIN	
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	ABSENT.
94.	YADAV SUPRIT VIJAY	
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

PROFF. & HEAD,
DEPT. OF DENTAL ANATOMY & ORAL HISTOLOGY

HEAD OF DEPT.
ORAL ANATOMY & HISTOLOGY.
D.Y.PATIL DENTAL SCHOOL
D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD

D Y PATIL GROUP

D. Y. Patil Educational Enterprises Charitable Trust

D Y PATIL GROUP OF INSTITUTIONS

D Y PATIL DENTAL SCHOOL

D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune - 412 105

FIRST BDS (2022-2023 BATCH)

Ist Internal Examination

Subject: Dental Anatomy & Oral Histology Date: 8 /7 / 2022

Total Marks: 60 Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 30 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question (2 marks each x 5=10marks)

1. Write a short note on histology and functions of Pulp
2. Describe in detail Bell stages of Tooth Development
3. Classify Dentin and discuss in brief Interglobular dentin
4. Histology and Functions of Maxillary sinus
5. Discuss Hypocalcified structures of enamel

II Long answer question (10 marks each x 1=10 marks)

6. Define and classify oral mucous membrane (3 marks). Describe functions of oral mucous membrane (2 marks) in detail the macroscopic and microscopic structure of dorsal surface of the tongue (5 marks).

Section C

III Short answer question (3 marks each x 5=10 marks)

1. Enumerate the various tooth numbering systems. Describe any one of them.
2. Describe in detail the lingual aspect of permanent maxillary lateral incisor.
3. Describe the set traits of maxillary central incisors
4. Describe the elevations and depressions present in the teeth.
5. Discuss the differences between Permanent and Deciduous dentition

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of permanent maxillary canine (6marks). Add a note on its arch traits (2marks.) and Class traits(2 marks)

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D Y PATIL DENTAL SCHOOL
D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune - 412 105

FIRST BDS (2022-2023 BATCH)
Ist Internal Examination

Subject: Dental Anatomy & Oral Histology
Total Marks: 60

Date: 8/7/2022
Time:3hrs

Section A

Q. 1. Multiple Choice Questions 1X20=**20**

1. The nerve plexus of pulp is
   a. Batsons plexus
   c. Plexus of Raschkow
   b. Branchial plexus
   d. Plexus of Watson

2. From how many lobes the permanent maxillary lateral incisor develops?
   a) 02
   c) 04
   b) 03
   d) 05

3. Stippling seen on gingiva indicates
   a. Diseased gingiva
   b. Healthy gingiva
   c. Developmental malformation
   d. None of the above

4. Permanent mandibular right canine as numbered by FDI system is
   a. 13
   b. 23
   c. 33
   d. 43

5. The Antrum of Highmore is also known as
   a. Frontal sinus
   b. Ethmoid sinus
   c. sphenoid sinus
   d. Maxillary sinus

6. From how many lobes the permanent maxillary lateral incisor develops? d 2 → 5 yrs
   a. 02
   b. 03
   c. 04
   d. 05 yrs.

7. The canine is also known as, except
   a. Cuspid
   b. Eye tooth
   c. Bicuspid
   d. corner stone

8. The Dental Sac gives rise to
   a. Cementum and Periodontal Ligament
   b. Periodontal Ligament and Dental Pulp
   c. Dental Pulp and Attached Epithelium
   d. Odontoblasts and Cementoblasts

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
d	d				d	c	a	b	b	b	b	c	d	b	c	d	c	b	c

9. Von kroff's fibres mainly contain
a. Type II collagen b. Type III collagen c. Type I collagen d. Type IV collagen

10. Distoincisal angle of 31 is
a. Acute angle b. Obtuse angle
c. Right angle d. None of the above

11. Basal cells of oral mucous membrane are connected to basement membrane by
a. Desmosomes b. Hemidesmosomes
c. Gap junction d. All of the above

12. Shape of the maxillary canine crown from the labial view appears
a. rectangular b. pentagonal
c. hexagonal d. heptagonal

13. Gingival sulcular (crevicular) epithelium is
a. Orthokeratinized b. Parakeratinized
c. Nonkeratinized d. None of the above

14. Odland bodies are found in
a. Basal cell layer b. Spinous cell layer
c. Both of the above d. Granular cell layer

15. Weil's Zone of Pulp is
a. Cell rich zon b. Cell free zone
c. Odontoblastic zone d. Pulp core

16. Merkel cells in
a. Nutritive function b. Immune function
c. Neurosensory function d. Secretory function

17. Fordyce's spots in oral cavity are presence of
a. Sweat glands b. Salivary glands
c. Hair follicles d. Sebaceous glands

18. Shape of the Crown is determined in
a. Cap Stage b. Bud Stage
c. Bell Stage d. All of the above

19. Geometrical shape of the mesial aspect of maxillary central incisor is
a. Trapezoidal b. Triangular
c. Octagonal d. Hexagonal

20. Distal contact area of 22 is located at:
a. at middle third b. at cervical third
c. at incisal third d. none of the above

D.Y. Patil Dental School, Lohegaon, Pune

Ist Interal Assessment Exam

Dental Anatomy & Oral Histology

CARVING EXAMINATION Date: 09/07/ 2022

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
17.	DAMALE BHAGYASHREE SANTOSH	
18.	DEMBDA MUSKAN RAVI	
19.	DEORE TANAYA RAJENDRA	
20.	DEVKATE RUSHIKESH MACHCHHINDRA	
21.	DOLSE VISHAKHA RAMESH	
22.	DUMALE SIMRAN SATISH	
23.	FUNDE ARATI VISHWANATH	
24.	GADHARI SOHAM SANJAY	
25.	GARDE ROHIT NARHARI	
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	
34.	JAIN YUTHIKA DEEPAK	
35.	JAWALE PRAJAKTA SURESH	

	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	G. M. Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
57.	OSWAL VIDHI LALIT	
58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
66.	PHATAK HRUSHKESH RAJENDRA	
67.	PUDALE SHUBHANYU SUDESH	
68.	RAMTEKE SAWANI SATYAWAN	
69.	RAUT MRUNAL RAMESH	
70.	RONGATE SUMEDHA TUKARAM	
71.	SALAVE VAISHNAVI BABAN	
72.	SALVE SANIYA VASANT	
73.	SARALE KSHITIJA PRAKASHRAO	
74.	SARODE HARDIKA ATUL	

75.	SAWANT MIHIKA SACHIN	
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A1) **Date: 13/07/2022**

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
17.	DAMALE BHAGYASHREE SANTOSH	
18.	DEMBDA MUSKAN RAVI	
19.	DEORE TANAYA RAJENDRA	
20.	DEVKATE RUSHIKESH MACHCHHINDRA	
21.	DOLSE VISHAKHA RAMESH	
22.	DUMALE SIMRAN SATISH	
23.	FUNDE ARATI VISHWANATH	
24.	GADHARI SOHAM SANJAY	
25.	GARDE ROHIT NARHARI	

29. Shreeya Phalguni Gor

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FIRST BDS (2022-23 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 13/07/ 2022

ROLL NO: 01-25 (Batch A1)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Advanced Bell Stage of Tooth development
2	Filliform papillae
3	Tome's Granular Layer
4	Attached Pulp stone
5	Gnarled Enamel
6	Buccal Mucosa
7	Neonatal Line
8	32
9	13
10	21

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FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A2) **Date: 15/07/ 2022**

Roll No	Name of the student	Student signature
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	Ab.
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	
34.	JAIN YUTHIKA DEEPAK	
35.	JAWALE PRAJAKTA SURESH	
36.	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	Ab.
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	

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FIRST BDS (2022-23 BATCH)
I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology
ROLL NO: 26-50 (Batch A2)
Date: 15/ 07/ 2022

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Enamel lamellae
2	Maxillary sinus
3	Tome's granular layer
4	Advanced Bell stage of tooth development
5	Fillrform papillae
6	Free pulp stones.
7	parakeratinized epithelium
8	11
9	32
10	43

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FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B1) **Date: 12/0 7/ 2022**

Roll No	Name of the student	Student signature
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	G.M. Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
57.	OSWAL VIDHI LALIT	
58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
66.	PHATAK HRUSHKESH RAJENDRA	
67.	PUDALE SHUBHANYU SUDESH	
68.	RAMTEKE SAWANI SATYAWAN	
69.	RAUT MRUNAL RAMESH	
70.	RONGATE SUMEDHA TUKARAM	
71.	SALAVE VAISHNAVI BABAN	
72.	SALVE SANIYA VASANT	
73.	SARALE KSHITIJA PRAKASHRAO	AB.
74.	SARODE HARDIKA ATUL	
75.	SAWANT MIHIKA SACHIN	
89.	PAWAN TALE	

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FIRST BDS (2022-23 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 12/07/ 2022

ROLL NO: 51- 75 (Batch B1)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Circumvallate papillae
2	Bud stage of Tooth development
3	Enamel lamellae
4	Dead Tracts
5	Tome's Granular Layer
6	Gingiva
7	Free Denticle
8	11
9	43
10	12

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FIRST BDS (2022-23 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B2) **Date: 14/07/ 2018**

Roll No	Name of the student	Student signature
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

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FIRST BDS (2022-23 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 14/07/2022

ROLL NO: 76- 100 (Batch B2)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Maxillary Sinus
2	Enamel spindles
3	Vermillion border of Lip
4	Dead tracts
5	Embaded Pulp stones
6	Cap stage of Tooth development
7	Taste bud
8	43
9	11
10	31

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FIRST BDS (2022-3 BATCH) REG BATCH

NOTICE

SECOND INTERNAL ASSESSMENT EXAMINATION - SYLLABUS

DENTAL ANATOMY:

- MAXILLARY PREMOLARS
- MANDIBULAR PREMOLARS
- MAXILLARY MOLAR
- MANDIBULAR MOLAR
- OCCLUSION

ORAL HISTOLOGY

- CEMENTUM
- PERIODONTAL LIGAMENT
- BONE
- SALIVARY GLANDS
- TOOTH ERUPTION
- SHEDDING
- TEMPOROMANDIBULAR JOINT

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D Y Patil Knowledge City
Charoli (Bk), Via Lohegaon, Pune - 412105

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FIRST BDS (2022-23 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD Date: 27/ 09/ 2022

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
17.	DAMALE BHAGYASHREE SANTOSH	
18.	DEMBDA MUSKAN RAVI	
19.	DEORE TANAYA RAJENDRA	
20.	DEVKATE RUSHIKESH MACHCHHINDRA	
21.	DOLSE VISHAKHA RAMESH	
22.	DUMALE SIMRAN SATISH	
23.	FUNDE ARATI VISHWANATH	
24.	GADHARI SOHAM SANJAY	
25.	GARDE ROHIT NARHARI	
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	

34	JAIN YUTHIKA DEEPAK	
35.	JAWALE PRAJAKTA SURESH	
36.	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	G. M. Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
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58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
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68.	RAMTEKE SAWANI SATYAWAN	
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72.	SALVE SANIYA VASANT	

73	SARALE KSHITIJA PRAKASHRAO	
74.	SARODE HARDIKA ATUL	
75.	SAWANT MIHIKA SACHIN	
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	ABSENT
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

22/9/22

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FIRST BDS (2022-2023 BATCH) **Second Internal Examination**

Subject: Dental Anatomy & Oral Histology Date: 27 /09 / 2022 Total Marks: 60 Time: 2.5 hrs

Instructions: All questions are compulsory Draw diagrams wherever necessary
Figures to the right indicate full marks Do not write anything on question paper, it will be treated as copy.
First 30 minutes for section A (MCQs) Write section B and section C in one answer book

Section B

I Short answer question (2 marks each x 5=10marks)

1. Classify Salivary Glands. Write a short note on ductal system of Major Salivary Glands
2. Describe in detail about Alveolar bone
3. Classify Cementum and discuss in brief Cemento-enamel Junction
4. Odontoclast
5. Define Eruption. Enumerate Theories of Eruption. Discuss any one in detail.

II Long answer question (10 marks each x 1=10 marks)

6. Define Periodontium. (1mark) Describe Functions of Periodontal Ligament (2 marks). Write in detail the Gingival and Principle group of PDL Fibers (5 marks). Add a note on Development of PDL. (2 marks).

Section C

III Short answer question (2 marks each x 5=10 marks)

1. Describe in detail the Occlusal aspect of Permanent Mandibular 1st Molar.
2. Describe the type traits of Maxillary 1st Premolar.
3. Describe in detail various Compensatory Curves
4. Discuss the Anatomy of Temporomadibular Joint.
5. Describe in detail Occlusal aspects of Permanent Mandibular 2nd Premolar

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of Permanent Maxillary 1st Molar (6 marks). Add a note on its arch traits and Class traits (4 marks.)

Q. 1. Multiple Choice Questions (1X20=20)

1. The percentage of overlap type of cemento-enamel junctions is
   a.10% b. 30% c. 40% d. 60%

2. Canals of Zuckerkandl and Hirschfeld are seen in
   a. Anterior part of hard palate b. Lingual aspect of alveolar bone
   c. Interdental aspect of alveolar bone d. Floor of the mouth

3. Mesial marginal developmental groove is seen in
   a. 14 b. 15 c. 34 d. 35

4. Permanent mandibular right 1st Molar as numbered by FDI system is-
   a. 16 b. 36 c. 26 d. 46

5. The cortical plate is thickest on the
   a. Buccal aspect of maxillary premolars b. lingual aspect of maxillary premolars
   c. Thick bone without trabeculations d. Thick bone with trabeculations

6. From how many lobes the 3 cusp type mandibular second premolar develops?
   a.02 b. 03 c. 04 d. 05

7. The predominant collagen present in the cementum is
   a.Type I b. Type II c. Type III d. Type XIII

8. Fusion of root directly to bone without the presence of periodontal ligament is called as
   a.Fusion b. Gemination c.Ankylosis d. Adhesion

9. Remnants of Hertwig's root sheath are found in :
   a. Gingiva b. Alveolar bone c. Cementum d. Periodontal Ligament

10. Eruption of Maxillary 1st molar occurs at
    a. 8-9 years b. 4 years c. 6 year d. 15-16 months

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YEAR: I BDS, BATCH-2022-23 **DATE**- 27/09/2022

SECOND INTERNAL ASSESSMENT THEORY Examination- **MCQ KEY**

MCQ NO.	ANSWER	MCQ NO.	ANSWER
1	D	11	D
2	C	12	C
3	A	13	A
4	D	14	B
5	A	15	C
6	D	16	D
7	C	17	A
8	C	18	C
9	D	19	C
10	C	20	B

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FIRST BDS (2022-23 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) **Date: 03/10/2022**

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
17.	DAMALE BHAGYASHREE SANTOSH	
18.	DEMBDA MUSKAN RAVI	
19.	DEORE TANAYA RAJENDRA	
20.	DEVKATE RUSHIKESH MACHCHHINDRA	
21.	DOLSE VISHAKHA RAMESH	
22.	DUMALE SIMRAN SATISH	
23.	FUNDE ARATI VISHWANATH	
24.	GADHARI SOHAM SANJAY	
25.	GARDE ROHIT NARHARI	

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FIRST BDS (2022-23 BATCH)

SECOND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 03/10/ 2022

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Havarsian Canal
2	Mucous Salivary Gland
3	Cemento-enamel Junction - Overlap type
4	Interglobular Dentin
5	Acellular Cementum
6	Apical group of PDL fibers
7	Sharpey's fibers
8	24 - Maxillary Left 1st Premolar
9	46 - Permanent Mandibular Right 1st Molar
10	45 - Mandibular Right 2nd premolar - (Y-type)

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FIRST BDS (2022-23 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 04/10/ 2022**

Roll No	Name of the student	Student signature
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	
34.	JAIN YUTHIKA DEEPAK	
35.	JAWALE PRAJAKTA SURESH	
36.	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	

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FIRST BDS (2022-23 BATCH)

SECOND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology

Date: 04/ 10/ 2022

ROLL NO: 26-50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Havarsian Canal System
2	Serous Salivary Gland
3	Cemento-enamel Junction - Overlap Type
4	Dead Tracts
5	Cellular Cementum
6	Inter-radicular group of PDL fibers
7	Sharpey's Fibers
8	34 - Mandibular Left 1st Premolar
9	26 - Permanent Maxillary Left 1st Molar
10	46 - Permanent Mandibular Right 1st Molar

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FIRST BDS (2022-23 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 06/10/ 2022**

Roll No	Name of the student	Student signature
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
57.	OSWAL VIDHI LALIT	
58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
66.	PHATAK HRUSHKESH RAJENDRA	
67.	PUDALE SHUBHANYU SUDESH	
68.	RAMTEKE SAWANI SATYAWAN	
69.	RAUT MRUNAL RAMESH	
70.	RONGATE SUMEDHA TUKARAM	
71.	SALAVE VAISHNAVI BABAN	
72.	SALVE SANIYA VASANT	
73.	SARALE KSHITIJA PRAKASHRAO	
74.	SARODE HARDIKA ATUL	
75.	SAWANT MIHIKA SACHIN	

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FIRST BDS (2022-23 BATCH)

SECOND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology

Date: 06/10/ 2022

ROLL NO: 51- 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bundle bone
2	Interglobular dentin
3	Acellular cementum
4	Serous salivary gland
5	Cemento-enamel junction (Gap type)
6	Horizontal & oblique group of PDL
7	Dead tracts
8	34 Permanent Mandibular Left 1st premolar
9	26 Permanent Maxillary Left 1st molar
10	47 Permanent Mandibular Right 2nd molar

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FIRST BDS (2022-23 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 07/10/ 2022**

Roll No	Name of the student	Student signature
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

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FIRST BDS (2022-23 BATCH)

SECOND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 07/10/2022

ROLL NO: 76- 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bundle Bone
2	Apical group of PDL fibers
3	Cellular Cementum
4	Cemento-enamel junction- overlap type
5	Serous Salivary Gland
6	Interglobular Dentin
7	Sharpey's fibers
8	26 - Permanent Maxillary Left 1st Molar
9	24 - Maxillary Left 1st Premolar
10	45 - Mandibular Right 2nd Premolar - [Y-type]

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FIRST BDS (2022-23 BATCH) REG BATCH

NOTICE

THIRD INTERNAL ASSESSMENT EXAMINATION - SYLLABUS

ENTIRE PORTION OF DENTAL ANATOMY AND ORAL HISTOLOGY AND EMBRYOLOGY IS INCLUDED FOR 3RD INTERNAL ASSESSMENT EXAMINATION.

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FIRST BDS (2022-23 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD

Date: 09/ 12/ 2022

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
6.	BHAGYESH TUKARAM SHIPALKAR	
7.	BHAVYA ANILKUMAR NAHATA	
8.	BHIKKA SANIA SANJAY	
9.	BHOR KAUSTUBH SANTOSH	
10.	BHORE BHUSHAN TANAJI	
11.	BHOSALE ABHISHEK RAVINDRA	
12.	BHOSALE ANJALI AJIT	
13.	BHOSALE SHIVANI RAMESH	
14.	CHAURASIYA ROUNAK ARBIND	
15.	CHAVAN GAYATRI DNYANESHWAR	
16.	CHIKUNDRE SAKSHI SUNIL	
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52.	NAGRE GAURI MADHUKAR	G.M.Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
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87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
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91.	WAGH VAISHNAVI RAGHUNATH	
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93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	
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9/12/17

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FIRST BDS (2022-2023 BATCH) **THIRD INTERNAL EXAMINATION**

Subject: Dental Anatomy & Oral Histology Date: 09 /12 / 2022 Total Marks: 70 Time: 2.5 hrs

Instructions: All questions are compulsory Draw diagrams wherever necessary
Figures to the right indicate full marks Do not write anything on question paper, it will be treated as copy.
First 30 minutes for section A (MCQs) Write section B and section C in one answer book

Section B I Short answer question (3 marks each x 5=15marks)

1. Enumerate steps in Tissue Processing. Describe in detail about Fixation.
2. Write in brief about hypocalcified structures of Enamel
3. Define Oral Mucous Membrane. Write in short about Vermillion border of Lip.
4. Define Periodontium. Describe Functions of Periodontal Ligament
5. Enumerate Special Stains. Write in detail about PAS Stain.

II Long answer question (10 marks each x 1=10 marks)

6. Enumerate physiological and Morphological stages of Tooth Development. (2 marks) Write in detail the Morphological Stages with diagrams(4 marks). Write about root formation in multirooted teeth.(2 marks) Add a note on applied aspects of tooth development. (2 marks).

Section C III Short answer question (3 marks each x 5=15 marks)

1. Describe in detail the Stages of Deglutition
2. Enumerate Tooth Numbering Systems. Write in detail about any one.
3. Describe the Arch traits of Maxillary 1st Premolar.
4. Describe in detail elevations present on Surface of Tooth
5. Define Occlusion. Describe in detail various Compensating Curves

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of Permanent Mandibular 1st Molar (6 marks). Add a note on its arch traits and Class traits (4 marks.)

Q. 1. Multiple Choice Questions (1X20=20)

1. Which of the following fibres are non-milenated
   a. C-fibres b. A delta c. A beta d. both a and b

2. Which of the following has immune function in the oral mucous membrane
   a. Melanocyte b.Merkel cell c. Langerhan cell d.Keratinocyte

3. Mesial marginal developmental groove is seen in
   a. 14 b. 15 c. 34 d. 35

4. The main bulk of dentin is formed by
   a. Peritubular dentin b.Mantle dentin
   c. Intertubular dentin d. Predentin

5. The cortical plate is thickest on the
   a.Buccal aspect of maxillary premolars b. lingual aspect of maxillary premolars
   c. Thick bone without trabeculations d. Thick bone with trabeculations

6. Permanent Mandibular central incisor develops from_____?
   a. 3 lobes b. 1 lobe c. 4 lobes d. 5 lobes

7. The predominant collagen present in the cementum is
   a.Type I b. Type II c. Type III d. Type XIII

8. Fusion of root directly to bone without the presence of periodontal ligament is called as
   a.Fusion b. Gemination c.Ankylosis d. Adhesion

9. The nerve plexus of pulp is
   a.Batsons plexus c.Branchial plexus b.Plexus of Raschkow d.Plexus of Whatson

10. Trauma or excessive occlusal forces causes _____ of cementum:
    a. Hyperplasia b. Hypertrophy c.Resorption d.None of the above

11. Which of the following is not the principal fiber group of the periodontal ligament ?
a. Horizontal b. Oblique c. Alveolar crest d. Trans-septal

12.Rounded protuberances on the incisal edges of newly erupted permanent incisors are_____?
a. Mamelons b. Enamel pits c. Tubercles d. Cingulum

13. Excretory duct of Parotid Gland is
a. Stenson's Duct b. Bartholin's Duct c. Wilson's Duct d. Watson's Duct

14. which of the following structures is not of ectodermal origin
a. hunter-schreger bands b.enamel spindels
c.enamel tufts d.enamel lamellae

15. Anterior Lingual Salivary Glands are called as
a. Von Ebner's glands b. Circumvallate glands
c. Glands of Blandin and Nuhn d. All of the above

16. Vonebners glands open into which papilla:
a. Foliate b.Filiform c.Circumvallate d.Fungiform

17. Which of the following groups of fibers are not attached to alveolar bone ?
a.Apical b.Horizontal c. Oblique d. Transseptal

18. Tooth with prominent Mesiolingual development groove
a. maxillary 1st premolar b. maxillary 2nd premolar
c. mandibular 1st premolar d. mandibular 2nd premolar

19. Occusal view of permanent maxillary first premolar is
a. Rhomboidal b. Diamond c. Hexagonal d. Square

20. First evidence of initiation of primary dentition is around
a.4 months in utero b. Birth c. 4 months after birth d.One year after birth

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DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

YEAR: I BDS, BATCH-2022-23 **DATE-** 09/12/2022

THIRD INTERNAL ASSESSMENT THEORY Examination- **MCQ KEY**

MCQ NO.	ANSWER	MCQ NO.	ANSWER
1	A	11	D
2	C	12	A
3	A	13	A
4	C	14	B
5	A	15	C
6	C	16	C
7	C	17	D
8	C	18	C
9	B	19	C
10	C	20	A

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FIRST BDS (2022-23 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) **Date: 12/12/2022**

Roll No	Name of the student	Student signature
1.	ALHAT SAKSHI YOGESH	
2.	AGRE SAKSHI SANJEEVKUMAR	
3.	ALI AHMED SARA ZULFIKAR	
4.	AMRITSAGAR VARUN MOHAN	
5.	BADNE PRERNA RAM	
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9.	BHOR KAUSTUBH SANTOSH	
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12.	BHOSALE ANJALI AJIT	
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FIRST BDS (2022-23 BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology

Date: 12/12/ 2022

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Cellular Cementum
2	Enamel Lamellae
3	Havarsian Canal System
4	Advanced Bell Stage of Tooth development
5	Masson's Trichrome Stain
6	Maxillary sinus
7	Filliform Papillae
8	7 6 5 4 3 2 1 | 1 2 3 4 5 6 7 — 12 to 14 yrs
9	6 E D C B A | A B C D E 6 — 6 to 7 yrs
10	21 - Permanent Maxillary Left Central Incisor
11	26 - Permanent Maxillary Left 1st Molar
12	34 - Mandibular Left 1st Premolar

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FIRST BDS (2022-23 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 13/12/2022**

Roll No	Name of the student	Student signature
26.	GHODKE ANUJA RAMPRABHU	
27.	GHOLAP SARTHAKI MAHESH	
28.	GITTE AKANKSHA BABASAHEB	
29.	GOR SHREEYA PHALGUN	
30.	HOLE ANUSHKA BALASAHEB	
31.	JADHAV ARATI SACHIN	
32.	JADHAV ASHUTOSH SHARAD	
33.	JADHAV SWAPNALI SANJAY	
34.	JAIN YUTHIKA DEEPAK	
35.	JAWALE PRAJAKTA SURESH	
36.	JAWARKAR SANSKRUTI VIKAS	
37.	JOSHI SAYALI SARANG	
38.	KADAM VAISHNAVI SUNIL	
39.	KAKADE RADHIKA HANMANT	
40.	KAMBLE TEJAS ANIL	
41.	KANADE PRIYANKA VIJAY	
42.	KATE TANVI RAMESH	
43.	KUBDE RUTIKA RAMDAS	
44.	KUMBHAR SRUSHTI RAJARAM	
45.	KUSUMBE NIKITA PRAKASH	
46.	MAHALE HARSHALI VIJAY	
47.	MALI SHIVANI VILAS	
48.	MALUSARE ADITI GULSHAN	
49.	MASKE SHRADDHA KESHAV	
50.	MOMIN AIMAN IRSHAD	

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FIRST BDS (2022-23 BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 13/ 12/ 2022

ROLL NO: 26-50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Taste Bud
2	Havarsian Canal System
3	Von Gieson Stain
4	Trans-septal group of PDL fibers
5	Enamel Tufts
6	Mucous Salivary
7	Dead Tracts
8	46 - Permanent Mandibular Rt-side 1st Molar
9	23 - Permanent Maxillary Left Canine
10	42 - Permanent Mandibular Rt. Lateral Incisor
11	GEDCBA | ABCDEG - 6to7 yrs
12	7654321 | 1234567 - 12 to 14 yrs

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FIRST BDS (2022-23 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 14/12/ 2022**

Roll No	Name of the student	Student signature
51.	MUPADE POOJA VILAS	
52.	NAGRE GAURI MADHUKAR	G. M. Nagre
53.	NAIK ASTHA SWAPNIL	
54.	NAKVE VAISHNAVI NARAYAN	
55.	NANDANWAR SANIKA KISHOR	
56.	OMASE ADITI GOVIND	
57.	OSWAL VIDHI LALIT	
58.	PATEKAR AKANKSHA RAMESHWAR	
59.	PATEL MANSI PRAKASH	
60.	PATIL PRANJAL RAVINDRA	
61.	PATIL PURVA LALIT	
62.	PATIL SRUSHTI ULHAS	
63.	PAWAR OMKAR PRAKASH	
64.	PAWAR YASH BHAGWAN	
65.	PHALKE SHRAVANI DNYANESHWAR	
66.	PHATAK HRUSHKESH RAJENDRA	
67.	PUDALE SHUBHANYU SUDESH	
68.	RAMTEKE SAWANI SATYAWAN	
69.	RAUT MRUNAL RAMESH	
70.	RONGATE SUMEDHA TUKARAM	
71.	SALAVE VAISHNAVI BABAN	
72.	SALVE SANIYA VASANT	
73.	SARALE KSHITIJA PRAKASHRAO	
74.	SARODE HARDIKA ATUL	
75.	SAWANT MIHIKA SACHIN	

14/12/22

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FIRST BDS (2022-23 BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 14/12/ 2022

ROLL NO: 51- 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Vermillion border of Lip
2	Mallory's stain
3	Horizontal & Oblique grp of PDL fibers
4	Cap stage of tooth development
5	Neonatal Line
6	Gap type Cemento-enamel Junction
7	Interglobular Dentin
8	GFEDCBA | ABCDEG — 6 to 7 yrs
9	7654321 | 1234567 — 12 to 14 yrs.
10	24 - Maxillary Left 1st Premolar
11	16 - Permanent Maxillary Right 1st Molar
12	11 - Permanent Maxillary Right Central Incisor

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FIRST BDS (2022-23 BATCH) REG BATCH – THIRD NTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 15/12/ 2022**

Roll No	Name of the student	Student signature
76.	SAWANT PRAFUL SANTOSH	
77.	SETHURAMAN DIPTI	
78.	SHAH RUSHABH JITENDRA	
79.	SHAHARE KRITI LALDAS	
80.	SHELKE NIKITA SHANKAR	
81.	SHEWALE ASHAY AMBADAS	
82.	SHIMRU SAYLI KIRAN	
83.	SHIPANKAR SHUBHAM SRIKANT	
84.	SHRUTI S KALE	
85.	SONUNE VEDANTI GAJANAN	
86.	SOUMYA SUNEEL NAIR	
87.	SUNETRA MAHADESHWAR	
88.	SURYAWANSHI SMITA DIGAMBER	
89.	TALE PAWAN BHASKAR	
90.	VAIDYA ABHISHEK DINKAR	
91.	WAGH VAISHNAVI RAGHUNATH	
92.	WAGHMARE SAKSHI SHIVAJI	
93.	WANDRE ABHISHEK NARAYAN	
94.	YADAV SUPRIT VIJAY	
95.	PATIL AISHWARYA	
96.	RAUT PRIYA	

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FIRST BDS (2022-23 BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 15/12/2022

ROLL NO: 76- 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Maxillary sinus
2	Masson's Trichrome stain
3	Enamel Spindles
4	Inter-radicular grp. of PDL fibers
5	Dead Tract
6	Circumvallate papillae
7	ACellular Cementum
8	34 – Mandibular Left 1st premolar
9	46 – Permanent Mandibular Right 1st Molar
10	14 – Maxillary Right 1st Premolar
11	G E D C B A | A B C D E G — G to 7 years
12	~~E D C B A | A B C D E~~ — 2½ to 3 years.

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EXAM ATTENDANCE RECORD
2020-2021

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY
D.Y.PATIL DENTAL SCHOOL, LOHEGAON.
FIRST YEAR BDS (2020-21 BATCH) REG BATCH

DATE- 14-06-2021

NOTICE

SECOND INTERNAL ASSESSMENT SYLLABUS

DENTAL ANATOMY:

- MAXILLARY 1ST PREMOLAR
- MANDIBULAR 1ST PREMOLAR
- MAXILLARY 2ND PREMOLAR
- MANDIBULAR 2ND PREMOLAR
- MAXILLARY 1ST MOLAR
- MAXILLARY 2ND MOLAR
- MANDIBULAR 1ST MOLAR

ORAL HISTOLOGY

- ORAL MUCOUS MEMBRANE
- SALIVARY GLANDS
- PERIODONTAL LIGAMENT
- BONE
- CEMENTUM
- MAXILLARY SINUS
- ERUPTION AND SHEDDING

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FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 22/ 06/ 2021**

Roll No	Name of the student	Student signature
1.	AAGE LAJARI KISHOR	
2.	ADAM SHRUTI JAGDISH	
3.	AGHAV PRANAV POPAT	
4.	AGRAWAL KOMAL SANTOSH	ABSENT
5.	BADGUJAR RUCHIKA PRAKASH	
6.	BANODE AVANTIKA GANESHRAO	
7.	BHAT KHUSHI RAHUL	
8.	BHISE KUNAL DEORAO	
9.	BHOSLE SUNIDHI CHANDRAKANT	
10.	BORUDE PRADNYA SITARAM	
11.	BUMB DARSHAN PRASHANT	
12.	CHANDAK AARYA ANAND	
13.	CHAURE PANKAJ CHANDRAKANT	
14.	CHAVAN PRATIKSHA SAMBHAJI	
15.	CHIKHALE SHUBHAM SANDEEP	
16.	CHIPADE MANTHAN VISHWANATH	
17.	DAHAT PRIYANKA PRADIP	
18.	DAHIPHALE PRADEEP BALU	
19.	DALIMBKAR SPURTI GULABRAO	
20.	DARADE JANHAVI DNYANESHWAR	
21.	DEO SHARVARI ANAND	
22.	DESHMUKH SHWETA SUNDAR	
23.	GAIKWAD MITALI MAROTI	
24.	GARGOTE AKANKSHA KALURAM	
25.	GARMODE PRIYANKA SUBHASH	

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FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 22/ 06/ 2021**

26.	GHUGARE PRATIKSHA TANAJI	
27.	HANDE GAURI SANJAY	
28.	HAVASHETTE PRAVIN RAMESH	
29.	HINGE RUI CHANDRAKANT	
30.	INGAWALAY SANIKA SUUNIL	
31.	INNANI GOURAV KAMALKISHOR	
32.	JADHAV CHAITALI DIPAK	
33.	JADHAV CHANCHAL DNYANESHWAR	
34.	JADHAV PRANJALI UTTAM	
35.	JADHAV TEJASVI MAHESH	
36.	JAIN RICHI SANJAY	ABSENT.
37.	JAMBHALKAR MANJU SUKHADEO	
38.	KACHARE SARATHI SANJAY	
39.	KALYANKAR SHUBHANGI MANOHAR	ABSENT
40.	KAMBLE KSHITIJA RAHUL	
41.	KATANGHAR ANAM FIRDOUS MD SADIQUE	
42.	KEDARE SIDDHI RAVINDRA	
43.	KHALATE PRIYANKA GANESH	
44.	KUDALE TAPAN POPAT	
45.	KURUTHUKULANGARA ELLENA SHAJI	
46.	MALGHANE BHUSHAN SANJAY	
47.	MIDGULE SAMRUDDHI SUNIL	
48.	MORE ISHITA SANDEEP	
49.	MORE NUPUR VITTHAL	
50.	MULE RENUKA SAMPATRAO	

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THEORY ATTENDANCE RECORD **Date: 22/ 06/ 2021**

51.	MUNGSE VAISHNAVI SAMBHAJI	
52.	NAIKWADE NIKITA SUBHASH	
53.	NANDE SHWETANK SAGAR	
54.	NAWALE ANVITA PRALHAD	ABSENT
55.	NIKHADE RUCHI GAJANAN	
56.	OMBASE NIKITA MALHARI	
57.	OSWAL ISHA SANJAY	
58.	PADMAWAR SHAMAL MANOJ	
59.	PANIKER AISHWARYA PRATHAPAKUMAR	
60.	PANSARE ASMITA BALASAHEB	
61.	PARDESHI RITU DATTATRAY	
62.	PATEL DIVYA SANJAY	
63.	PATEL SAKSHI DILIP	
64.	PATIL ADITI BHARAT	
65.	PATIL KRITIKA TUSHAR	
66.	PATIL ROSHAN BHAUSAHEB	ABSENT
67.	PATIL SAYALI SHARAD	
68.	PAWAR PRACHI DHANANJAY	
69.	PAWAR SHIVANI KALYAN	
70.	PHATE AKSHAYA PURUSHOTTAM	
71.	PILLAY AISHWARYA SHAILENDRA	
72.	RANVIR ASMITA ARUN	ABSENT
73.	RATHOD ANJALI HARI	ABSENT
74.	RATHOD ASHWINI SHIVLAL	
75.	RODE ADITI SANTOSH	

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FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 22/ 06/ 2021**

76.	SALVE ADITYA SAHADEV	Sadityas S
77.	SAMAL VAISHNAVI ANAND	Absent
78.	SAYYED FARHEEN FEROZ	Absent
79.	SHAIKH MASEERA PARVIN MOHD ASHFAQUE	Mashal
80.	SHAKUNTAL SUHAS GIRISH	Shakuntal
81.	SHELAR SAKSHI LAHUKUMAR	Shelar S.L.
82.	SHENDAGE TEJAL TANAJI	Tshendage
83.	SHENDE YUGAL VINOD	Absent
84.	SHETIYA TANVI JITENDRA	
85.	SHINDE MUKTA VINAYAK	Mshinde
86.	SHINDE SAMRUDDHI DHARMARAJ	
87.	SURVE MAYURI DHANAJI	Survey.
88.	TANDALE RUTIK BHANUDAS	Rutik
89.	TATTAPURE MANGESH SURYAKANT	
90.	TELE PRATIK BALU	Pratik
91.	TUPE RUTIKA SATISH	
92.	UNDRE MANSI PANDURANG	Mansi
93.	WAGH SHIVANI KISHOR	
94.	WAKASE RUCHITA DATTATRAY	
95.	WANJARE ANUSHKA RAVINDRA	
96.	WANKHADE AKANKSHA VILASRAO	Akanksha
97.	YELVE TEJUS BUDDHADAS	Tejus Yelve
98.	YEWALE UTKARSHA AVINASH	Utkarsha
99.	ZAGADE PRATIKSHA KONDIBA	
100.	ZANWAR SAYALI JUGALKISHOR	Sanwar

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FIRST BDS (2020-2021 BATCH)

SECOND INTERNAL ASSESSMENT EXAMINATION

Subject: Dental Anatomy & Oral Histology — Date: 22 / 06 / 2021

Total Marks: 60 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 10 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question **(3 marks each x 5=15 marks)**

1. Describe in brief the ductal system of major salivary glands.
2. Enumerate development and functions of periodontal Ligament.
3. Enumerate the theories of eruption. Describe in brief any one of them.
4. Histological structure of Bundle bone.
5. Non-keratinocytes

II Long answer question **(10 marks each x 1=10 marks)**

6. Define and classify oral mucous membrane (2marks). Describe the anatomical and histological structure of Gingiva (7 marks).

Section C

III Short answer question **(3 marks each x 5=15 marks)**

1. Define and draw diagrams of Pit, Fossa and Groove.
2. Describe in detail the occlusal aspect of maxillary 1st molar
3. Discuss the differences between maxillary 1st and second premolar.
4. Describe the various occlusal types of mandibular 2nd premolar.
5. Describe the lingual aspect of mandibular first premolar with appropriate diagram.

II Long answer question **(10 marks each x 1=10 marks)**

6. Describe in detail the morphology of permanent mandibular first molar (8marks). Add a note on its set traits (2marks.)

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FIRST BDS (2020-2021 BATCH)

SECOND INTERNALEXAMINATION

Subject: Dental Anatomy & Oral Histology
Total Marks: 60

Date: 22/06/2021
Time: 3 hrs

Section A

Q. 1. Multiple Choice Questions 1X20=20

1. Calcification of permanent first molar usually begins in the:
   a. Third month of intrauterine life
   b. In the sixth month of intrauterine life
   c. At birth
   d. In the third month of extra uterine life

2. Three cusp type occlusal from is present in::
   a. Maxillary first premolar
   b. Maxillary second premolar
   c. Mandibular first premolar
   d. Mandibular second premolar

3. The Myoepithelial cells surround
   a. salivary acini
   b. Before salivary acini and intercalated ducts
   c. intercalated ducts and striated ducts
   d. All the three functional units

4. Which of the following tooth mostly shows kidney shaped outline form in cervical cross section?
   a. Mandibular 1st premolar
   b. Mandibular 2nd premolar
   c. Maxillary 1st premolar
   d. Maxillary 2nd premolar

5. Mesial marginal developmental groove is seen in
   a. 14
   b. 15
   c. 34
   d. 35

6. Parakeratin layer of oral epithelium contains
   a. Pyknotic nuclei
   b. Pyknotic nuclei and remnants of other organelles
   c. Do not contain nuclei
   d. prominent nucleus with a nucloeli

7. In a healthy mouth, the distance between the cementoenamel junction and the border of alveolar bone proper is
   a. Constant
   b. Changes with age
   c. Depends on inclination of teeth
   d. None of the above

8. The type of cementum seen in the apical third is
   a. Acellular cementum
   b. Cellular cementum
   c. Dystrophic cementum
   d. Cementum hyperplasia

9. Perikymata are believed to be external manifestations of
   a. Striae of Retzius
   b. Rod sheath
   c. Rod ends
   d. Striations

10. An intercellular junction is
   a. Tight junction
   b. Zonula adherens
   c. Communicating junctions
   d. All of the above

11. Which of the following does not contain Taste Bud?
   a. Circumvallate papillae
   b. Filiform papillae
   c. Fungiform papillae
   d. Folate papillae

12. The vermilion border requires frequent moistening because it contains
   a. more No. of sweat glands
   b. more No. of sebaceous glands
   c. less number of sebaceous gland
   d. less number of sweat glands

13. Supporting cells of taste bud are
   a. Sustenticular cells
   b. Taste cells
   c. Von Ebner cells
   d. Acini

14. The distance from the CEJ to the alveolar crest normally is
   a. 1 - 1.5 mm
   b. 2mm
   b. 2-2.5mm
   d. 3mm

15. The age of eruption of permanent maxillary first premolar is
   a. 8-9 years
   b. 9-10 years
   c. 10-11 years
   d. 11-12 years

16. Which of the following has immune function in the oral mucous membrane?
   a. Melanocyte
   b. Merkel cell
   c. Langerhan cell
   d. Keratinocyte

17. The number of point angles in a permanent mandibular first molar is:
   a. 4
   b. 6
   c. 8
   d. 10

18. Fordyce's spots in oral cavity are presence of
   a. Sweat glands
   b. Salivary glands
   c. Hair follicles
   d. Sebaceous glands

19. Stippling seen on gingiva indicates
   a. Diseased gingiva
   b. Healthy gingiva
   c. Developmental malformation
   d. None of the above

20. Duct of parotid gland is called as
   a. Wharton's duct
   b. Stenson's duct
   c. Bartholin's duct
   d. Duct of Rivinus

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY.

SECOND INTERNAL ASSESMENT EXAMINATION

YEAR: I BDS, REGULAR BATCH-2020-21 DATE 22 / 06 / 2021

MULTIPLE CHOICE QUESTIONS (M.C.Q.) - ANSWER KEY

M.C.Q. NO.	ANSWER
1.	c
2.	d
3.	b
4.	c
5.	a
6.	b
7.	a
8.	b
9.	a
10.	d
11.	b
12.	c
13.	a
14.	a
15.	b
16.	c
17.	a
18.	d
19.	b
20.	b

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A 1 to 34) **Date: 24/ 06/ 2021**

Roll No	Name of the student	Student signature
1.	AAGE LAJARI KISHOR	
2.	ADAM SHRUTI JAGDISH	
3.	AGHAV PRANAV POPAT	
4.	AGRAWAL KOMAL SANTOSH	Absent
5.	BADGUJAR RUCHIKA PRAKASH	
6.	BANODE AVANTIKA GANESHRAO	
7.	BHAT KHUSHI RAHUL	
8.	BHISE KUNAL DEORAO	
9.	BHOSLE SUNIDHI CHANDRAKANT	
10.	BORUDE PRADNYA SITARAM	
11.	BUMB DARSHAN PRASHANT	
12.	CHANDAK AARYA ANAND	
13.	CHAURE PANKAJ CHANDRAKANT	
14.	CHAVAN PRATIKSHA SAMBHAJI	
15.	CHIKHALE SHUBHAM SANDEEP	
16.	CHIPADE MANTHAN VISHWANATH	
17.	DAHAT PRIYANKA PRADIP	
18.	DAHIPHALE PRADEEP BALU	
19.	DALIMBKAR SPURTI GULABRAO	
20.	DARADE JANHAVI DNYANESHWAR	
21.	DEO SHARVARI ANAND	
22.	DESHMUKH SHWETA SUNDAR	
23.	GAIKWAD MITALI MAROTI	
24.	GARGOTE AKANKSHA KALURAM	
25.	GARMODE PRIYANKA SUBHASH	
26.	GHUGARE PRATIKSHA TANAJI	
27.	HANDE GAURI SANJAY	
28.	HAVASHETTE PRAVIN RAMESH	
29.	HINGE RUI CHANDRAKANT	
30.	INGAWALAY SANIKA SUUNIL	
31.	INNANI GOURAV KAMALKISHOR	

32.	JADHAV CHAITALI DIPAK	Jadhav C
33.	JADHAV CHANCHAL DNYANESHWAR	CJ
34.	JADHAV PRANJALI UTTAM	Pranjali

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FIRST BDS (2020-21 BATCH)

2ND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology
Date: 24/ 06/ 2021
ROLL NO: 01-34 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Cellular Cementum
2	Serous Salivary Gland
3	Gingiva
4	Horizontal and Oblique PDL fibers
5	Parakeratotic Epithelium
6	Vermillion border of Lip
7	Filliform Papillae
8	24 - Maxillary Left 1st Premolar
9	23- Permanent Maxillary Left Canine
10	16 - Permanent Maxillary Rt. 1st molar

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FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD- (Batch B 35 TO 67) **Date: 25/ 06/ 2021**

Roll No	Name of the student	Student signature
35	JADHAV TEJASVI MAHESH	
36	JAIN RICHI SANJAY	
37	JAMBHALKAR MANJU SUKHADEO	
38	KACHARE SARATHI SANJAY	
39	KALYANKAR SHUBHANGI MANOHAR	
40	KAMBLE KSHITIJA RAHUL	
41	KATANGHAR ANAM FIRDOUS MD SADIQUE	
42	KEDARE SIDDHI RAVINDRA	
43	KHALATE PRIYANKA GANESH	
44	KUDALE TAPAN POPAT	
45	KURUTHUKULANGARA ELLENA SHAJI	
46	MALGHANE BHUSHAN SANJAY	
47	MIDGULE SAMRUDDHI SUNIL	
48	MORE ISHITA SANDEEP	
49	MORE NUPUR VITTHAL	
50	MULE RENUKA SAMPATRAO	
51	MUNGSE VAISHNAVI SAMBHAJI	
52	NAIKWADE NIKITA SUBHASH	
53	NANDE SHWETANK SAGAR	
54	NAWALE ANVITA PRALHAD	
55	NIKHADE RUCHI GAJANAN	
56	OMBASE NIKITA MALHARI	
57	OSWAL ISHA SANJAY	
58	PADMAWAR SHAMAL MANOJ	
59	PANIKER AISHWARYA PRATHAPAKUMAR	
60	PANSARE ASMITA BALASAHEB	
61	PARDESHI RITU DATTATRAY	
62	PATEL DIVYA SANJAY	
63	PATEL SAKSHI DILIP	
64	PATIL ADITI BHARAT	
65	PATIL KRITIKA TUSHAR	

66	PATIL ROSHAN BHAUSAHEB	
67	PATIL SAYALI SHARAD	

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FIRST BDS (2020-21 BATCH)

2ND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 25/ 06/ 2021

ROLL NO: 35 to 67(Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Buccal Mucosa
2	Ortho-keratinised stratified sq. epithelium
3	Horizontal & oblique group of PDL fibres
4	Circumvalet papillae
5	Serous salivary gland
6	Acellular cementum
7	Gingiva
8	21 - Permanent Maxillary left central incisor
9	24 - Permanent Maxillary left first premolar
10	16 - Permanent Maxillary Rt. first molar

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FIRST BDS (2020-21 BATCH) REG BATCH – SECOND INTERNAL A

PRACTICAL ATTENDANCE RECORD- (Batch C 68 TO 100) Date: 26/06/21

Roll No	Name of the student	Student sig
68	PAWAR PRACHI DHANANJAY	Pawar
69	PAWAR SHIVANI KALYAN	Shivani
70	PHATE AKSHAYA PURUSHOTTAM	A. Phate
71	PILLAY AISHWARYA SHAILENDRA	Pillay
72	RANVIR ASMITA ARUN	Absent
73	RATHOD ANJALI HARI	Absent
74	RATHOD ASHWINI SHIVLAL	
75	RODE ADITI SANTOSH	
76	SALVE ADITYA SAHADEV	
77	SAMAL VAISHNAVI ANAND	Absent
78	SAYYED FARHEEN FEROZ	Absent
79	SHAIKH MASEERA PARVIN MOHD ASHFAQUE	
80	SHAKUNTAL SUHAS GIRISH	
81	SHELAR SAKSHI LAHUKUMAR	
82	SHENDAGE TEJAL TANAJI	
83	SHENDE YUGAL VINOD	Absent
84	SHETIYA TANVI JITENDRA	
85	SHINDE MUKTA VINAYAK	
86	SHINDE SAMRUDDHI DHARMARAJ	
87	SURVE MAYURI DHANAJI	
88	TANDALE RUTIK BHANUDAS	
89	TATTAPURE MANGESH SURYAKANT	
90	TELE PRATIK BALU	
91	TUPE RUTIKA SATISH	
92	UNDRE MANSI PANDURANG	
93	WAGH SHIVANI KISHOR	

94	WAKASE RUCHITA DATTATRAY	
95	WANJARE ANUSHKA RAVINDRA	
96	WANKHADE AKANKSHA VILASRAO	
97	YELVE TEJUS BUDDHADAS	
98	YEWALE UTKARSHA AVINASH	
99	ZAGADE PRATIKSHA KONDIBA	
100	ZANWAR SAYALI JUGALKISHOR	

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FIRST BDS (2020-21 BATCH)

2ND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 26/ 06/ 2021

ROLL NO: 68 to 100 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Mucous Salivary Gland
2	Vermillion border of Lip
3	Cellular Cementum
4	Circumvallate Papillae
5	Horizontal and Oblique grp of PDL fibers
6	Orthokeratotic Epithelium
7	Cemento-Enamel Junction.
8	15 - Permanent Maxillary Rt. 2nd Premolar
9	13 - Permanent Maxillary Rt. Canine
10	36 - Permanent Mandibular Left 1st Molar

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1ST YEAR BDS REGULAR BATCH 2020-21

NOTICE

SUBJECT: SYLLABUS FOR 3RD INTERNAL ASSESSMENT EXAMINATION__

DATE: 08/11/2021

- **ENTIRE SYLLABUS FOR DENTAL ANATOMY AND DENTAL HISTOLOGY IS INCLUDED FOR THE 3RD INTERNAL ASSESSMENT EXAMINATION.**

8/11/21

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 1/ 12/ 2021**

Roll No	Name of the student	Student signature
1.	AAGE LAJARI KISHOR	
2.	ADAM SHRUTI JAGDISH	
3.	AGHAV PRANAV POPAT	
4.	AGRAWAL KOMAL SANTOSH	
5.	BADGUJAR RUCHIKA PRAKASH	
6.	BANODE AVANTIKA GANESHRAO	
7.	BHAT KHUSHI RAHUL	
8.	BHISE KUNAL DEORAO	
9.	BHOSLE SUNIDHI CHANDRAKANT	
10.	BORUDE PRADNYA SITARAM	
11.	BUMB DARSHAN PRASHANT	
12.	CHANDAK AARYA ANAND	
13.	CHAURE PANKAJ CHANDRAKANT	
14.	CHAVAN PRATIKSHA SAMBHAJI	
15.	CHIKHALE SHUBHAM SANDEEP	
16.	CHIPADE MANTHAN VISHWANATH	
17.	DAHAT PRIYANKA PRADIP	
18.	DAHIPHALE PRADEEP BALU	
19.	DALIMBKAR SPURTI GULABRAO	
20.	DARADE JANHAVI DNYANESHWAR	
21.	DEO SHARVARI ANAND	
22.	DESHMUKH SHWETA SUNDAR	
23.	GAIKWAD MITALI MAROTI	
24.	GARGOTE AKANKSHA KALURAM	
25.	GARMODE PRIYANKA SUBHASH	

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 1/ 12/ 2021**

26.	GHUGARE PRATIKSHA TANAJI	
27.	HANDE GAURI SANJAY	
28.	HAVASHETTE PRAVIN RAMESH	
29.	HINGE RUI CHANDRAKANT	
30.	INGAWALAY SANIKA SUUNIL	
31.	INNANI GOURAV KAMALKISHOR	
32.	JADHAV CHAITALI DIPAK	
33.	JADHAV CHANCHAL DNYANESHWAR	
34.	JADHAV PRANJALI UTTAM	
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37.	JAMBHALKAR MANJU SUKHADEO	
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43.	KHALATE PRIYANKA GANESH	
44.	KUDALE TAPAN POPAT	
45.	KURUTHUKULANGARA ELLENA SHAJI	
46.	MALGHANE BHUSHAN SANJAY	
47.	MIDGULE SAMRUDDHI SUNIL	
48.	MORE ISHITA SANDEEP	
49.	MORE NUPUR VITTHAL	
50.	MULE RENUKA SAMPATRAO	

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FIRST BDS (2020-21 BATCH) REG BATCH –THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD

Date: 1/ 12/ 2021

51.	MUNGSE VAISHNAVI SAMBHAJI	
52.	NAIKWADE NIKITA SUBHASH	
53.	NANDE SHWETANK SAGAR	
54.	NAWALE ANVITA PRALHAD	
55.	NIKHADE RUCHI GAJANAN	
56.	OMBASE NIKITA MALHARI	
57.	OSWAL ISHA SANJAY	
58.	PADMAWAR SHAMAL MANOJ	
59.	PANIKER AISHWARYA PRATHAPAKUMAR	
60.	PANSARE ASMITA BALASAHEB	
61.	PARDESHI RITU DATTATRAY	
62.	PATEL DIVYA SANJAY	
63.	PATEL SAKSHI DILIP	
64.	PATIL ADITI BHARAT	
65.	PATIL KRITIKA TUSHAR	
66.	PATIL ROSHAN BHAUSAHEB	
67.	PATIL SAYALI SHARAD	
68.	PAWAR PRACHI DHANANJAY	
69.	PAWAR SHIVANI KALYAN	
70.	PHATE AKSHAYA PURUSHOTTAM	
71.	PILLAY AISHWARYA SHAILENDRA	
72.	RANVIR ASMITA ARUN	
73.	RATHOD ANJALI HARI	
74.	RATHOD ASHWINI SHIVLAL	
75.	RODE ADITI SANTOSH	

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD Date: 1/ 12/ 2021

76.	SALVE ADITYA SAHADEV	
77.	SAMAL VAISHNAVI ANAND	
78.	SAYYED FARHEEN FEROZ	Absent
79.	SHAIKH MASEERA PARVIN MOHD ASHFAQUE	
80.	SHAKUNTAL SUHAS GIRISH	
81.	SHELAR SAKSHI LAHUKUMAR	
82.	SHENDAGE TEJAL TANAJI	
83.	SHENDE YUGAL VINOD	
84.	SHETIYA TANVI JITENDRA	
85.	SHINDE MUKTA VINAYAK	
86.	SHINDE SAMRUDDHI DHARMARAJ	
87.	SURVE MAYURI DHANAJI	
88.	TANDALE RUTIK BHANUDAS	
89.	TATTAPURE MANGESH SURYAKANT	
90.	TELE PRATIK BALU	
91.	TUPE RUTIKA SATISH	
92.	UNDRE MANSI PANDURANG	Absent.
93.	WAGH SHIVANI KISHOR	
94.	WAKASE RUCHITA DATTATRAY	
95.	WANJARE ANUSHKA RAVINDRA	
96.	WANKHADE AKANKSHA VILASRAO	
97.	YELVE TEJUS BUDDHADAS	
98.	YEWALE UTKARSHA AVINASH	
99.	ZAGADE PRATIKSHA KONDIBA	
100.	ZANWAR SAYALI JUGALKISHOR	

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FIRST BDS REGULAR (2020-2021) Subject: Dental Anatomy & Oral Histology
THIRD INTERNAL ASSESSMENT EXAMINATION Date: 01/12/2021

Total Marks: 70 Time:3hrs

Section A Q. 1. (Multiple Choice Questions) 1X20=20 marks

1. The thin delicate membrane covering the entire crown of newly erupted tooth is called:
a) Nasmyth's membrane b) Primary enamel cuticle
c) Secondary enamel cuticle d) Rod sheath

2. Which of the following has immune function in the oral mucous membrane
a) Melanocyte b) Merkel cell c) Langerhan cell d) Keratinocyte

3. Ratio of diameter of enamel rods in the DEJ to the enamel surface is
a) 1:4 b) 1:1
c) 2:1 d) 1:2

4. The mesial surface of the crown is almost parallel to long axis and the root of a
a) Maxillary 1st premolar b) Mandibular 2nd premolar
c) Maxillary canine d) Mandibular canine

5. Mesiolingual developmental groove is seen in
a) 14 b) 15
c) 34 d) 35

6. Single central pit is formed on occlusal surface of:
a) Mandibular first premolar b) Mandibular second premolar
c) Maxillary first premolar d) Maxillary second premolar

7. Which of the premolars is usually the smallest
a) Maxillary first b) Maxillary Second
c) Mandibular First d) Mandibular Second

8. Ectodermal cells in tooth bud are responsible for
a) Determination of shape of crown and root b) Formation of periodontal ligament
c) Formation of cementum d) Formation of pulp

9. Propriceptors are seen in all except:
a) Skeletal muscle b) TMJ
c) Pulp d) Enamel

10. Weil's zone of pulp is
a) Cell degenerated zone b) Cell rich zone
c) Cell regenerated zone d) Cell free zone

11. Intermediate cementum is
a) Found at dentinocemental junction b) Apical Third
c) Between enamel and cementum d) Coronal Third

12. Lamina densa of the gingival basement membrane is rich in
a) Type I and III collagen b) Type III collagen c) Type IV collagen d) Type I collagen

13. Remnants of the Hertwig's root sheath are found in
a) Gingiva b) PDL
c) Cementum d) Alveolar Bone

14. Fibers of the periodontal ligament embedded in the bone are:
a) Sharpey's fibers b) Tome's fibers
c) Elastic fibers d) Ray's fibers

15. If a mandibular canine has bifurcated roots, they are most commonly placed
a) Mesial and distal b) Facial and lingual
c) Mesiobuccal and distobuccal d) Mesiolingual and distolingual

16. Which of the following dentinal layers is more mineralized
a) Peritubular dentin b) Inter tubular dentin
c) Dentinal tubules d) Circumpulpal dentin

17. The type of tertiary dentin which contains cellular inclusions is found in
a) Sclerotic dentin b) Osteodentin
c) Predentin d) Mantle dentin

18 Which groove passes the oblique ridge
a) Central groove b) Transverse groove c) Buccal groove d) Lingual groove

19. Age changes in periodeontal ligament include which of the following
a) Increased fibroplasia b) Increased vascularity
c) Increased thickness d) Decreased in number of cementicles

20. Immature bone is termed as
a) cancellous bone b) lamellar bone c) woven bone d) compact bone

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) **Date: 8/ 12/ 2021**

Roll No	Name of the student	Student signature
1.	AAGE LAJARI KISHOR	Absent
2.	ADAM SHRUTI JAGDISH	
3.	AGHAV PRANAV POPAT	
4.	AGRAWAL KOMAL SANTOSH	Absent
5.	BADGUJAR RUCHIKA PRAKASH	
6.	BANODE AVANTIKA GANESHRAO	
7.	BHAT KHUSHI RAHUL	
8.	BHISE KUNAL DEORAO	
9.	BHOSLE SUNIDHI CHANDRAKANT	
10.	BORUDE PRADNYA SITARAM	
11.	BUMB DARSHAN PRASHANT	
12.	CHANDAK AARYA ANAND	
13.	CHAURE PANKAJ CHANDRAKANT	
14.	CHAVAN PRATIKSHA SAMBHAJI	
15.	CHIKHALE SHUBHAM SANDEEP	
16.	CHIPADE MANTHAN VISHWANATH	
17.	DAHAT PRIYANKA PRADIP	
18.	DAHIPHALE PRADEEP BALU	
19.	DALIMBKAR SPURTI GULABRAO	
20.	DARADE JANHAVI DNYANESHWAR	
21.	DEO SHARVARI ANAND	
22.	DESHMUKH SHWETA SUNDAR	
23.	GAIKWAD MITALI MAROTI	
24.	GARGOTE AKANKSHA KALURAM	
25.	GARMODE PRIYANKA SUBHASH	

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FIRST BDS (2020-21 REG BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 8/ 12/ 2021

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Gingiva
2	Mucous Salivary Gland
3	Tome's Granular Layer
4	Cap stage of Tooth development
5	Enamel Tufts
6	Trans-septal group of PDL fibers.
7	34 - Mandibular left 1st Premolar
8	26 - Permanent Maxillary left 1st Molar
9	G E D C B A | A B C D E G (6 to 7 yrs)
10	E D C B A | A B C D E (2.5 to 6 yrs)

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 9/ 12/ 2021**

Roll No	Name of the student	Student signature
26.	GHUGARE PRATIKSHA TANAJI	
27.	HANDE GAURI SANJAY	
28.	HAVASHETTE PRAVIN RAMESH	
29.	HINGE RUI CHANDRAKANT	
30.	INGAWALAY SANIKA SUUNIL	
31.	INNANI GOURAV KAMALKISHOR	
32.	JADHAV CHAITALI DIPAK	
33.	JADHAV CHANCHAL DNYANESHWAR	
34.	JADHAV PRANJALI UTTAM	
35.	JADHAV TEJASVI MAHESH	
36.	JAIN RICHI SANJAY	
37.	JAMBHALKAR MANJU SUKHADEO	
38.	KACHARE SARATHI SANJAY	
39.	KALYANKAR SHUBHANGI MANOHAR	
40.	KAMBLE KSHITIJA RAHUL	
41.	KATANGHAR ANAM FIRDOUS MD SADIQUE	
42.	KEDARE SIDDHI RAVINDRA	Absent
43.	KHALATE PRIYANKA GANESH	Absent
44.	KUDALE TAPAN POPAT	
45.	KURUTHUKULANGARA ELLENA SHAJI	
46.	MALGHANE BHUSHAN SANJAY	
47.	MIDGULE SAMRUDDHI SUNIL	
48.	MORE ISHITA SANDEEP	
49.	MORE NUPUR VITTHAL	
50.	MULE RENUKA SAMPATRAO	

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FIRST BDS (2020-21 REG BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 9/ 12/ 2021

ROLL NO: 26 TO 50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Maxillary Sinus
2	Von Gieson Stain
3	Cellular Cementum
4	PDL with Inter-radicular group of fibers
5	Circumvallate papillae
6	Gnarled Enamel
7	21 [Permanent Maxillary left central Incisor]
8	35 [Mandibular left 2nd Premolar-Y type]
9	6 E D C B A | A B C D E 6 [6-to 7 yrs]
10	7 6 5 4 3 2 1 | 1 2 3 4 5 6 7 [12 to 17 yrs]

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 6/ 12/ 2021**

Roll No	Name of the student	Student signature
51.	MUNGSE VAISHNAVI SAMBHAJI	
52.	NAIKWADE NIKITA SUBHASH	
53.	NANDE SHWETANK SAGAR	
54.	NAWALE ANVITA PRALHAD	
55.	NIKHADE RUCHI GAJANAN	
56.	OMBASE NIKITA MALHARI	
57.	OSWAL ISHA SANJAY	
58.	PADMAWAR SHAMAL MANOJ	
59.	PANIKER AISHWARYA PRATHAPAKUMAR	
60.	PANSARE ASMITA BALASAHEB	
61.	PARDESHI RITU DATTATRAY	
62.	PATEL DIVYA SANJAY	
63.	PATEL SAKSHI DILIP	
64.	PATIL ADITI BHARAT	
65.	PATIL KRITIKA TUSHAR	
66.	PATIL ROSHAN BHAUSAHEB	
67.	PATIL SAYALI SHARAD	
68.	PAWAR PRACHI DHANANJAY	
69.	PAWAR SHIVANI KALYAN	
70.	PHATE AKSHAYA PURUSHOTTAM	
71.	PILLAY AISHWARYA SHAILENDRA	
72.	RANVIR ASMITA ARUN	
73.	RATHOD ANJALI HARI	
74.	RATHOD ASHWINI SHIVLAL	
75.	RODE ADITI SANTOSH	

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D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune - 412 105

FIRST BDS (2020-21 REG BATCH)
THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology
Date: 6/ 12/ 2021
ROLL NO: 51 TO 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bud stage of Tooth development
2	Masson's Trichrome Stain
3	Circumvallate Papillae
4	Oblique and Horizontal group of PDL fibers
5	Incremental lines of Enamel
6	Interglobular Dentin.
7	$\frac{6}{}$ [46] – Permanent Mandibular Rt. 1st Molar.
8	16 – Permanent Maxillary Rt. 1st Molar
9	$\frac{GEDCBA}{}\,\vert\,\frac{ABCDEG}{}$ [6 to 7 yrs]
10	$\frac{EDCBA}{}\,\vert\,\frac{ABCDE}{}$ [2.5 to 6 yrs]

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

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FIRST BDS (2020-21 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 7/ 12/ 2021**

Roll No	Name of the student	Student signature
76.	SALVE ADITYA SAHADEV	
77.	SAMAL VAISHNAVI ANAND	Absent
78.	SAYYED FARHEEN FEROZ	Absent
79.	SHAIKH MASEERA PARVIN MOHD ASHFAQUE	
80.	SHAKUNTAL SUHAS GIRISH	
81.	SHELAR SAKSHI LAHUKUMAR	
82.	SHENDAGE TEJAL TANAJI	
83.	SHENDE YUGAL VINOD	
84.	SHETIYA TANVI JITENDRA	
85.	SHINDE MUKTA VINAYAK	
86.	SHINDE SAMRUDDHI DHARMARAJ	
87.	SURVE MAYURI DHANAJI	
88.	TANDALE RUTIK BHANUDAS	
89.	TATTAPURE MANGESH SURYAKANT	
90.	TELE PRATIK BALU	
91.	TUPE RUTIKA SATISH	Absent
92.	UNDRE MANSI PANDURANG	Absent
93.	WAGH SHIVANI KISHOR	
94.	WAKASE RUCHITA DATTATRAY	
95.	WANJARE ANUSHKA RAVINDRA	
96.	WANKHADE AKANKSHA VILASRAO	
97.	YELVE TEJUS BUDDHADAS	
98.	YEWALE UTKARSHA AVINASH	
99.	ZAGADE PRATIKSHA KONDIBA	
100.	ZANWAR SAYALI JUGALKISHOR	

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FIRST BDS (2020-21 REG BATCH)

THIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 7/ 12/ 2021

ROLL NO: 76 TO 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Apical group of PDL fibers
2	Cellular Cementum
3	Early Bell stage of Tooth development
4	Mallory's stain
5	Dead Tract
6	Vermillion Border of Lip
7	14 - Permanent Maxillary Rt. 1st Premolar
8	47 - Permanent Mandibular Rt. 2nd Molar
9	7 6 5 4 3 2 1 | 1 2 3 4 5 6 7 (12 to 18 yrs)
10	G E D C B A | A B C D E G (6 to 7 yrs)

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EXAM ATTENDANCE RECORD
2018-2019

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY
D.Y.PATIL DENTAL SCHOOL, LOHEGAON.
FIRST BDS (2018-19 BATCH) REG BATCH

NOTICE

FIRST INTERNAL ASSESSMENT SYLLABUS

DENTAL ANATOMY:

- INTRODUCTION, GLOSSARY AND NOTES
- TOOTH NUMBERING SYSTEMS
- DIFFERENCES BETWEEN PERMANENT AND DECIDIOUS DENTITION
- TRAITS, LANDMARKS OF TEETH
- MAXILLARY CENTRAL INCISOR
- MANDIBULAR CENTRAL INCISOR
- MAXILLARY LATERAL INCISOR
- MANDIBULAR LATERAL INCISOR

ORAL HISTOLOGY

- ORAL MUCOUS MEMBRANE
- SALIVARY GLANDS
- STUDY OF CELLS
- MAXILLARY SINUS
- TEMPOROMANDIBULAR JOINT
- DEVELOPMENT OF TOOTH

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FIRST BDS (2018-19 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD

Date: 08/ 12/ 2018

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	

31.	Itankar Sharvari Bodhraj	
32.	Jadhav Anjali Ashok	
33.	Jadhav Rohini Bharat	
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	
36.	Jaiswal Ritika Rakesh	
37.	Jaju Gauri Sunil	
38.	Jaybhaye Rohan Uttamrao	
39.	Jha Kritika	
40.	~~Jaybhaye Rohan Uttamrao~~ Joshi Isha Chintaman	
41.	~~Jha Kritika~~ Kavamkonda Rutuja Ramesh	
42.	Kamthe Aboli Dattatray	
43.	Kamthe Ashwini Madhukar	
44.	Kanade Sakshi Mahendra	
45.	Karkar Pranav Rajiv	
46.	Kendre Rutuja Dnyanoba	
47.	Khandekar Rushikesh Umesh	
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	
50.	Khude Shantanu Vishnu	
51.	Krishna Keshav	
52.	Kshirsagar Shivani Rajendra	
53.	Kulkarni Mrunal Sunil	
54.	Latpate Mansi Nathrao	
55.	Lingait Vidisha	
56.	Manwani Anisha Sunil	
57.	Manwar Sanket Avinash	
58.	Maria Noor	
59.	More Pratik Yashwant	
60.	Muley Sampada Dhananjay	
61.	Munjal Vidhya Devidas	
62.	Muttepwar Sampada Sunil	
63.	Nagdekar Shruti Ravindra	
64.	Naikwade Pallavi C.	
65.	Nalawade Ankita Bhimrao	
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	
68.	Nikam Shraddha Arjun	

69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	
71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	Absent.
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	
94.	Tandel Saniya Shailesh	Absent.
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

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FIRST BDS (2018-2019 BATCH)

Ist Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 08 / 12 / 2018

Total Marks: 60 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 30 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question (2 marks each x 5=10marks)

1. Describe in detail the histology of maxillary sinus.
2. Enamel knot and enamel cord with its functional importance
3. Describe in brief the nonkeratinocytes.
4. Write a short description on basket cells.
5. Describe the histological structure of serous salivary glands

II Long answer question (10 marks each x 1=10 marks)

6. Define and classify oral mucous membrane (3 marks). Describe in detail the macroscopic and microscopic structure of dorsal surface of the tongue (7marks).

Section C

III Short answer question (2 marks each x 5=10 marks)

1. Describe Mamelons, Cingulum and Fossa.
2. Describe the set traits of maxillary central incisors
3. Describe in detail Mesial aspect of permanent maxillary central incisor.
4. Enumerate the various tooth numbering systems. Describe any one of them.
5. Discuss the differences between permanent mandibular central and lateral incisor.

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of permanent maxillary lateral incisors (8marks). Add a note on its arch traits (2marks.)

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FIRST BDS (2018-2019 BATCH)

Ist Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 08/12/2018

Total Marks: 60 — Time:3hrs

Section A

Q. 1. Multiple Choice Questions — 1X20=**20**

1. Depression of mandible is achieved by:
   a. Digastric
   b. Lateral pterygoid
   c. Geniohyoid
   d. all of the above

2. Which permanent teeth arises from distal extension of dental lamina
   a. Incisors
   b. Molars
   c. Canines
   d. Premolars

3. Total activity of dental lamina extends over a period of
   a. 10 years
   b. 8 years
   c. 5 years
   d. 15 years

4. The maxillary lateral incisor is smaller than the maxillary central incisor on all aspects EXCEPT which one of the following?
   a. Crown length
   b. Mesiodistal crown width
   c. Faciolingual crown width
   d. Root length

5. Contact areas of anterior teeth which are placed in centre of middle third:
   a. Mesial conts of max laterals & canine
   b. Distal conts of max centrals & laterals
   c. Distal conts of max laterals & canine
   d. Mesial conts of mand cental incisors

6. From how many lobes the permanent maxillary lateral incisor develops?
   a) 02
   b) 03
   c) 04
   d) 05

7. Transverse ridge is formed by the :
   a. Union of two marginal ridges
   b. Union of two triangular ridges
   c. Union of two cusp ridges
   d. Union of two incisal ridges

8. Symbolic system is another name for
   a) Universal system
   b) FDI
   c) Zsigmondy palmer system
   d) All of the above

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
b	c	d	c		c	b	c	b	d	b	a	c	b	b	c	d	c	b	a

9. Stippling seen on gingiva indicates
   a. Diseased gingiva
   b. Healthy gingiva
   c. Developmental malformation
   d. None of the above

10. Permanent mandibular right first premolar as numbered by FDI system is
   a. 14
   b. 24
   c. 34
   d. 44

11. Basal cells of oral mucous membrane are connected to basement membrane by
   a. Desmosomes
   b. Hemidesmosomes
   c. Gap junction
   d. All of the above

12. Abnormal initiation results in
   a. Supernumerary teeth
   b. Anodontia
   c. Partial anodontia
   d. Dermoid cyst

13. Gingival sulcular (crevicular) epithelium is
   a. Orthokeratinized
   b. Parakeratinized
   c. Nonkeratinized
   d. None of the above

14. Odland bodies are found in
   a. Basal cell layer
   b. Spinous cell layer
   c. Both of the above
   d. None of the above

15. Largest part of oral mucosa is covered by
   a. Specialised mucosa
   b. Lining mucosa
   c. Masticatory mucosa
   d. None of the above

16. Merkel cells have
   a. Nutritive function
   b. Immune function
   c. Neurosensory function
   d. Secretory function

17. Fordyce's spots in oral cavity are presence of
   a. Sweat glands
   b. Salivary glands
   c. Hair follicles
   d. Sebaceous glands

18. Non-keratinized mucosa does not contain
   a. Stratum basale
   b. Stratum intermedium
   c. Stratum granulosum
   d. Stratum superficiale

19. Geometrical shape of the mesial aspect of maxillary central incisor is
   a. Trapezoidal
   b. Triangular
   c. Octagonal
   d. Hexagonal

20. 8. The rate of cell proliferation in oral cavity is
   a. 25 to 57 days
   b. 50 to 75 days
   c. 90 to 115 days
   d. 4 to 14 days

DEPT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y Patil Dental School.

Ist BDS 2018-19 (Regular Batch)

1st Internal Assessment Exam.

Section-A MCQ Key.

Que: No	Answer	Que. No.	Answer
1	d	11	b
2	b	12	a
3	c	13	c
4	d	14	b
5	c	15	b
6	c	16	c
7	b	17	d
8	c	18	c
9	b	19	b
10	d	20.	a

for

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D Y PATIL DENTAL SCHOOL LOHEGAON

FIRST BDS (2018-19 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) **Date: 12/ 12/ 2018**

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	

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FIRST BDS (2018-19 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology

Date: 11/ 12/ 2018

ROLL NO: 76- 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Vermillion border of lip
2	Bell stage of tooth development
3	Filliform papillae
4	Serous salivary gland
5	Buccal mucosa
6	Maxillary sinus epithelium
7	Parakeratinized epithelium
8	2
9	1
10	1.

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FIRST BDS (2018-19 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 12/ 12/ 2018

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bell stage of tooth development
2	Orthokeratinized Epithelium
3	maxillary sinus Epithelium
4	Taste bud
5	Mucous Salivary Gland - PAS Stain
6	Hard palate anterior
7	Cap stage of tooth development -
8	$\frac{1}{}$ (21)
9	$\frac{1}{}$ (41)
10	$\frac{2}{}$ (22)

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 13/ 12/ 2018**

Roll No	Name of the student	Student signature
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	
31.	Itankar Sharvari Bodhraj	
32.	Jadhav Anjali Ashok	
33.	Jadhav Rohini Bharat	
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	
36.	Jaiswal Ritika Rakesh	
37.	Jaju Gauri Sunil	
38.	Jaybhaye Rohan Uttamrao	
39.	Jha Kritika	
40.	Joshi Isha Chintaman	
41.	Kairamkonda Ratuja Ramesh	
42.	Kamthe Aboli Dattatray	
43.	Kamthe Ashwini Madhukar	
44.	Kanade Sakshi Mahendra	
45.	Karkar Pranav Rajiv	
46.	Kendre Rutuja Dnyanoba	
47.	Khandekar Rushikesh Umesh	
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	
50.	Khude Shantanu Vishnu	

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FIRST BDS (2018-19 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 13/ 12/ 2018

ROLL NO: 26-50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Hard palate (Anterior part)
2	Maxillary Sinus Epithelium
3	Bud stage of tooth development.
4	Vermillion border of lip
5	Serous Salivary Gland
6	Filliform papillae
7	Cap stage of tooth development
8	1 (11)
9	2 (32)
10	1 (31)

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D.Y.PATIL DENTAL SCHOOL, LOHEGAON

FIRST BDS (2018-19 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 10/ 12/ 2018**

Roll No	Name of the student	Student signature
51.	Krishna Keshav	
52.	Kshirsagar Shivani Rajendra	
53.	Kulkarni Mrunal Sunil	
54.	Latpate Mansi Nathrao	
55.	Lingait Vidisha	
56.	Manwani Anisha Sunil	
57.	Manwar Sanket Avinash	
58.	Maria Noor	
59.	More Pratik Yashwant	
60.	Muley Sampada Dhananjay	
61.	Munjal Vidhya Devidas	
62.	Muttepwar Sampada Sunil	
63.	Nagdekar Shruti Ravindra	
64.	Naikwade Pallavi C	
65.	Nalawade Ankita Bhimrao	
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	
68.	Nikam Shraddha Arjun	
69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	
71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	

PROFF. & HEAD,
DEPT. OF DENTAL ANATOMY & ORAL HISTOLOGY

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D.Y.PATIL DENTAL SCHOOL
D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

D.Y. Patil Educational Enterprises Charitable Trust

D.Y.PATIL GROUP OF INSTITUTIONS

D Y PATIL DENTAL SCHOOL

D.Y.Patil Knowledge City, Charholi (Bk.), Via Lohegaon, Pune - 412 105.

FIRST BDS (2018-19 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 10/ 12/ 2018

ROLL NO: 51- 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Circumvallate papillae of Tongue
2	Maxillary sinus Epithelium
3	Gingival mucosa
4	Vermillion border of Lip
5	Bud stage of tooth development
6	Hard palate - anterior
7	Mucous Salivary Gland - PAS stain
8	1
9	1
10	2

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 11/ 12/ 2018**

Roll No	Name of the student	Student signature
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	Absent
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	
94.	Tandel Saniya Shailesh	Absent
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

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VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 09/ 2/ 2019**

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	
31.	Itankar Sharvari Bodhraj	

	Jadhav Anjali Ashok	Jadhav A
33.	Jadhav Rohini Bharat	Jadhav
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	Pratik
36.	Jaiswal Ritika Rakesh	Ritika
37.	Jaju Gauri Sunil	
38.	Jaybhaye Rohan Uttamrao	
39.	Jha Kritika	
40.	~~Jaybhaye Rohan Uttamrao~~ Joshi. Isha C.	
41.	~~Jha Kritika~~ Rutuja. R. Kairamkonda	
42.	Kamthe Aboli Dattatray	
43.	Kamthe Ashwini Madhukar	
44.	Kanade Sakshi Mahendra	
45.	Karkar Pranav Rajiv	
46.	Kendre Rutuja Dnyanoba	
47.	Khandekar Rushikesh Umesh	
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	Absent
50.	Khude Shantanu Vishnu	
51.	Krishna Keshav	
52.	Kshirsagar Shivani Rajendra	
53.	Kulkarni Mrunal Sunil	
54.	Latpate Mansi Nathrao	
55.	Lingait Vidisha	
56.	Manwani Anisha Sunil	
57.	Manwar Sanket Avinash	
58.	Maria Noor	
59.	More Pratik Yashwant	
60.	Muley Sampada Dhananjay	
61.	Munjal Vidhya Devidas	
62.	Muttepwar Sampada Sunil	
63.	Nagdekar Shruti Ravindra	
64.	Naikwade Pallavi C	Pallavi
65.	Nalawade Ankita Bhimrao	
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	
68.	Nikam Shraddha Arjun	
69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	

71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	
94.	Tandel Saniya Shailesh	
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) **Date: 13/ 2/ 2019**

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	
45	Karkar Pranav Rajiv	

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FIRST BDS (2018-19 BATCH)

IIND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 13/ 2/ 2019

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Gnarled enamel
2	Cemento – Enamel Junction.
3	Denticle – Embedded.
4	Cellular Cementum
5	PDL – Apical Group.
6	Interglobular Dentin
7	Incremental lines of enamel.
8	4
9	4
10	3

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FIRST BDS (2018-19 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 14/ 2/ 2019**

Roll No	Name of the student	Student signature
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	
31.	Itankar Sharvari Bodhraj	
32.	Jadhav Anjali Ashok	
33.	Jadhav Rohini Bharat	
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	
36.	Jaiswal Ritika Rakesh	
37.	Jaju Gauri Sunil	
38.	Jaybhaye Rohan Uttamrao	
39.	Jha Kritika	
40.	Joshi Isha Chintaman	
41.	Kairamkonda Ratuja Ramesh	
42.	Kamthe Aboli Dattatray	
43.	Kamthe Ashwini Madhukar	
44.	Kanade Sakshi Mahendra	
45.	Karkar Pranav Rajiv	P.
46.	Kendre Rutuja Dnyanoba	
47.	Khandekar Rushikesh Umesh	
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	A
50.	Khude Shantanu Vishnu	

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PUNE : 411102

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FIRST BDS (2018-19 BATCH)

IIND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 14/ 2/ 2019

ROLL NO: 26-50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	PDL (Gingival transceptical group of fibres)
2	PDL (Interradicular group of fibres)
3	Enamel tufts
4	Incremental lines
5	Interglobular dentin
6	Dead tracts
7	Acellular Cementum
8	Maxilary second premolar (Right) $\frac{05}{}$
9	Mandibular second premolar $\frac{}{05}$
10	Mandibular first premolar $\frac{}{04}$

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CHARHOLI (BK.), LOHEGAON,
PUNE - 411062

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 11/ 2/ 2019**

Roll No	Name of the student	Student signature
51.	Krishna Keshav	
52.	Kshirsagar Shivani Rajendra	
53.	Kulkarni Mrunal Sunil	
54.	Latpate Mansi Nathrao	
55.	Lingait Vidisha	
56.	Manwani Anisha Sunil	
57.	Manwar Sanket Avinash	
58.	Maria Noor	
59.	More Pratik Yashwant	
60.	Muley Sampada Dhananjay	
61.	Munjal Vidhya Devidas	
62.	Muttepwar Sampada Sunil	
63.	Nagdekar Shruti Ravindra	
64.	Naikwade Pallavi C.	
65.	Nalawade Ankita Bhimrao	
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	
68.	Nikam Shraddha Arjun	
69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	
71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	

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VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

D.Y. PATIL DENTAL SCHOOL

FIRST BDS (2018-19 BATCH)

IIND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 11/ 2/ 2019

ROLL NO: 51- 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Enamel tufts.
2	Acellular cementum
3	Sharpey's Fibres
4	Interglobular dentin
5	PDL (Horizontal Aoblique group)
6	Dead tracts.
7	Attached Pulp stones [denticles]
8	4
9	4
10	3

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 12/ 2/ 2019**

Roll No	Name of the student	Student signature
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	A
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	A
94.	Tandel Saniya Shailesh	
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

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PUNE : 411102

D Y PATIL DENTAL SCHOOL

FIRST BDS (2018-19 BATCH)

IIND INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 12/ 2/ 2019

ROLL NO: 76- 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	G.S. Incremintal lines of Retzius.
2	Interradicular fibers (D.C)
3	G.S. Cellular Cementum
4	G.S. Tomes Granular layer.
5	Free pulp stone (D.C).
6	G.S. Enamel spindles.
7	Dead tract
8	24
9	34
10	35 Three cusp type.

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D.Y.PATIL DENTAL SCHOOL
D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY
D.Y.PATIL DENTAL SCHOOL, LOHEGAON.
FIRST BDS (2018-19 BATCH) REG BATCH

NOTICE

THIRD INTERNAL ASSESSMENT SYLLABUS

DENTAL ANATOMY:

- INTRODUCTION, GLOSSARY
- TOOTH NUMBERING SYSTEMS
- DIFFERENCES BETWEEN PERMANENT AND DECIDIOUS DENTITION
- TRAITS, LANDMARKS OF TEETH
- MAXILLAY INCISORS
- MANDIBULAR INCISORS
- MAXILLARY CANINE
- MANDIBULAR CANINE
- MAXLLARY PREMOLARS
- MANDIBULAR PREMOLARS
- MAXILLARY MOLARS
- MANDIBULAR MOLARS
- OCCLUSION

ORAL HISTOLOGY

- DEVELOPMENT OF TOOTH
- ENAMEL
- DENTIN – PULP
- CEMENTUM
- PERIODONTIUM
- ERUPTION AND SHEDDING OF TEETH
- STUDY OF CELLS
- ORAL MUCOUS MEMBRANE
- SALIVARY GLANDS
- MAXILLARY SINUS
- TEMPOROMANDIBULAR JOINT
- TISSUE PROCESSING AND STAINING
- SPECIAL STAINS

Signature of HOD

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D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAO
PUNE : 411102

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD **Date: 05/ 4/ 2019**

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	

31.	Itankar Sharvari Bodhraj	Sharvari
32.	Jadhav Anjali Ashok	JadhavA
33.	Jadhav Rohini Bharat	Jadhav
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	Pratik
36.	Jaiswal Ritika Rakesh	Ritika
37.	Jaju Gauri Sunil	Gsf.
38.	Jaybhaye Rohan Uttamrao	Rjaybhaye
39.	Jha Kritika	Kjh.
40.	~~Jaybhaye Rohan Uttamrao~~ Joshi Isha Chintaman	Ijoshi
41.	~~Jha Kritika~~ Kayramiconda Rutuja Ramesh	Rutuja
42.	Kamthe Aboli Dattatray	Aboli
43.	Kamthe Ashwini Madhukar	Akamthe.
44.	Kanade Sakshi Mahendra	A
45.	Karkar Pranav Rajiv	
46.	Kendre Rutuja Dnyanoba	Rkendre.
47.	Khandekar Rushikesh Umesh	Rukh
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	AafiyaShaikh
50.	Khude Shantanu Vishnu	Shaan
51.	Krishna Keshav	Kkesh.
52.	Kshirsagar Shivani Rajendra	ShivaniRK
53.	Kulkarni Mrunal Sunil	Mrunal
54.	Latpate Mansi Nathrao	Mlatpate..
55.	Lingait Vidisha	Vingait
56.	Manwani Anisha Sunil	Anamwani.
57.	Manwar Sanket Avinash	Sam
58.	Maria Noor	Mary
59.	More Pratik Yashwant	Pmore.
60.	Muley Sampada Dhananjay	Smuley.
61.	Munjal Vidhya Devidas	Vmunjal
62.	Muttepwar Sampada Sunil	smuttepwar.
63.	Nagdekar Shruti Ravindra	SRN.
64.	Naikwade Pallavi C.	Nallavi
65.	Nalawade Ankita Bhimrao	ANalawade..
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	Somila
68.	Nikam Shraddha Arjun	SNikam.

69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	
71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	
94.	Tandel Saniya Shailesh	
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

RS Shradhda Shinde

PROFF. & HEAD,
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VIA CHAROLI (BK.) LOHEGAON,
PUNE - 411102

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FIRST BDS (2018-2019 BATCH)

THIRD INTERNAL ASSESSMENT EXAMINATION

Subject: Dental Anatomy & Oral Histology — Date: 5 / 04 / 2019

Total Marks: 70 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 10 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question (3 marks each x 5=15 marks)

1. Describe in brief the ductal system of major salivary glands.
2. Enumerate development and functions of pulp.
3. Describe the theories of eruption.
4. Describe the process of root formation.
5. Reduced enamel epithelium

II Long answer question (10 marks each x 1=10 marks)

6. Define and classify oral mucous membrane (2marks). Describe the development and structure of hard palate (7 marks).

Section C

III Short answer question (3 marks each x 5=15 marks)

1. Embrasures.
2. Describe in detail the occlusal aspect of maxillary 1st molar
3. Discuss the principles of staining. Enumerate the uses of PAS staining.
4. Leeway space.
5. Fixation.

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of permanent mandibular first molar (8marks). Add a note on its set traits (2marks.)

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FIRST BDS (2018-2019 BATCH)

THIRD INTERNALEXAMINATION

Subject: Dental Anatomy & Oral Histology — Date: 5/04/2019

Total Marks: 70 — Time: 3 hrs

Section A

Q. 1. Multiple Choice Questions — 1X20=**20marks**

1. Rudimentary lingual cusp is seen in
   a. 14 b. 15
   c. 44 d. 45

2. Articular disc of TMJ receives insertion from which muscle:
   a. Medial pterygoid b. Lateral pterygoid
   c. Massetor d. Temporalis

3. The deciduous maxillary canine emerges
   a. Before lateral incisor b. Before first molar
   c. After first molar d. After second molar

4. Lingual extension of dental lamina is named as
   a. Vestibular lamina b. Lip furrow band
   c. Buccopharyngeal membrane d. Successional lamina

5. Mesial marginal developmental groove is seen in
   a. 14 b. 15
   c. 34 d. 35

6. Compensating curve seen in the sagittal plane is :
   a. Curve of Spee b. Curve of Wilson
   c. Curve of Monson d. Curve of Bonwill

7. A child has 12 permanent and 12 deciduous teeth, what is his age
   a. 4 ½ years b. 8 ½ years
   c. 11 ½ years d. 13 ½ years

8. The type of cementum seen in the apical third is
   a. Acellular cementum b. Cellular cementum
   c. Dystrophic cementum d. Cementum hyperplasia

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
c	c	b	a	a	c	b	a	d	d	d	b	c	d	d	a	d	b	b.

9. Perikymata are believed to be external manifestations of
   a. Striae of Retzius
   b. Rod sheath
   c. Rod ends
   d. Striations

10. An intercellular junction is
   a. Tight junction
   b. Zonula adherens
   c. Communicating junctions
   d. All of the above

11. Secondary dentin formation is greater at
   a. Floor of pulp cavity
   b. Medial wall of pulp cavity
   c. Distal wall of pulp cavity
   d. Both 2 and 3

12. Precipitate of salivary proteins covering erupted enamel is
   a. Plaque
   b. Pellicle
   c. Perikymata
   d. Nasmyth's membrane

13. Shape of the crown including the cusp, ridge, number and size of roots is determined by
   a. Enamel
   b. Dentin
   c. Cementum
   d. Cementodentinal junction

14. The distance from the CEJ to the alveolar crest normally is
   a. 1 - 1.5 mm
   b. 2mm
   c. 2-2.5mm
   d. 3mm

15. The age of eruption of permanent maxillary canine is
   a. 8-9 years
   b. 9-10 years
   c. 10-11 years
   d. 11-12 years

16. Undifferentiated mesenchymal cells are believed to be
   a. Odontoblasts
   b. Macrophages
   c. Fibroblasts
   d. Totipotent cell

17. Soon after Hertwig's sheath breaks up , undifferentiated mesenchymal cells from adjacent connective tissue differentiate into
   a. Cementoblasts
   b. Osteoblasts
   c. Fibroblasts
   d. Odontoblasts

18. Fordyce's spots in oral cavity are presence of
   a. Sweat glands
   b. Salivary glands
   c. Hair follicles
   d. Sebaceous glands

19. Stippling seen on gingiva indicates
   a. Diseased gingiva
   b. Healthy gingiva
   c. Developmental malformation
   d. None of the above

20. Duct of parotid gland is called as
   a. Wharton's duct
   b. Stenson's duct
   c. Bartholin's duct
   d. Duct of Rivinus

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY
D.Y.PATIL DENTAL SCHOOL, LOHEGAON.
FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

Date: 05/ 4/ 2019

MCQ KEY

MCQ NO	ANSWER	MCQ NO	ANSWER
1	C	11	D
2	C	12	D
3	C	13	B
4	B	14	C
5	A	15	D
6	A	16	D
7	C	17	A
8	B	18	D
9	A	19	B
10	D	20	B

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FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch A) Date: 10/ 4/ 2019

Roll No	Name of the student	Student signature
1.	Adsule Yojana Jeetendra	
2.	Agarkar Hrutuja Vinod	
3.	Aglawe Sakshi Suresh	
4.	Autade Harshal Dattatray	
5.	Bangar Ashwini Vitthal	
6.	Bansode Sneha Mahadeo	
7.	Bardeskar Rutuja Appaso	
8.	Bhoir Shivani Shankar	
9.	Bhoyar Shraddha Ganesh	
10.	Bhujbal Harshada Rameshwar	
11.	Bhura Amaan Asif	
12.	Borade Nandini Chandrakant	
13.	Chaudhari Ketan Sanjay	
14.	Chavan Anuradha Anil	
15.	Choudhar Sayali Appa	
16.	Choudhary Vaishnavi Vinod	
17.	Daberao Aditi Harish	
18.	Deshmukh Rutika Arun	
19.	Deshmukh Sanjana Milind	
20.	Dhande Sanket Dattu	
21.	Dodal Ishan Akshay	
22.	Dudhe Pooja Nilkanth	
23.	Gaikar Manali Sakharam	
24.	Gaikwad Akshata Tanaji	
25.	Gaikwad Prasad Jalindar	

47 Sumant Rajesh Tiwari

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FIRST BDS (2018-19 BATCH)

III[RD] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 10/ 4/ 2019

ROLL NO: 01-25 (Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bell stage (Early) of tooth development.
2	Serous salivary Glands.
3	Neonatal line.
4	Mallory stain.
5	Transeptal group of fibers.
6	Tomes granular layer.
7	Taste Bud.
8	Mandibular permanent Cast $\overline{7654321}$ Age 12-18yrs.
9	47.
10	Mandibular deciduous cast $\overline{EDCBA}$ Age 2½-6yrs.
11	26.
12	Mandibular Mixed dentition Cas $\overline{6EDCBA}$ Age 6yrs.

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FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch B) **Date: 11/ 4/ 2019**

Roll No	Name of the student	Student signature
26.	Gaikwad Shivani Nitin	
27.	Garje Kirti Vijaykumar	
28.	Ghosalkar Gargi Rajendra	
29.	Gire Poonam Tulsiram	
30.	Gune Isha Subhash	
31.	Itankar Sharvari Bodhraj	
32.	Jadhav Anjali Ashok	
33.	Jadhav Rohini Bharat	
34.	Jadhav Tanmay Ashish	
35.	Jagtap Pratik Vijay	
36.	Jaiswal Ritika Rakesh	
37.	Jaju Gauri Sunil	
38.	Jaybhaye Rohan Uttamrao	
39.	Jha Kritika	
40.	Joshi Isha Chintaman	
41.	Kairamkonda Ratuja Ramesh	
42.	Kamthe Aboli Dattatray	
43.	Kamthe Ashwini Madhukar	
44.	Kanade Sakshi Mahendra	
45.	Karkar Pranav Rajiv	
46.	Kendre Rutuja Dnyanoba	
47.	Khandekar Rushikesh Umesh	
48.	Kharat Tejas Sitaram	
49.	Khatik Aafiya Parveen	
50.	Khude Shantanu Vishnu	

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III[RD] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 11/ 4/ 2019

ROLL NO: 26-50 (Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Maxillary sinus Epithelium
2	Cellular Cementum
3	Hard palate - Antero-lateral zone.
4	Interglobular dentin
5	Filiform Papillae.
6	Enamel lamellae + Tuft's
7	Bud stage of tooth development.
8	Maxillary deciduous Cast EDCBA|ABCDE Age 2½ - 6 yrs.
9	35 (4-groove pattern - 3 cusp type)
10	Mandibular Cast mixed dentition Age - 6yrs. 6EDCBA|ABCDE6
11	47.
12	Maxillary permanent cast 7 54321|123456 7 Age of Cast 12-18 yrs.

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D...
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FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch C) **Date: 08/ 4/ 2019**

Roll No	Name of the student	Student signature
51.	Krishna Keshav	
52.	Kshirsagar Shivani Rajendra	
53.	Kulkarni Mrunal Sunil	
54.	Latpate Mansi Nathrao	
55.	Lingait Vidisha	
56.	Manwani Anisha Sunil	
57.	Manwar Sanket Avinash	
58.	Maria Noor	
59.	More Pratik Yashwant	
60.	Muley Sampada Dhananjay	
61.	Munjal Vidhya Devidas	
62.	Muttepwar Sampada Sunil	
63.	Nagdekar Shruti Ravindra	
64.	Naikwade Pallavi C.	
65.	Nalawade Ankita Bhimrao	
66.	Nalawade Indrajeet Yogesh	
67.	Nigam Somila Umesh	
68.	Nikam Shraddha Arjun	
69.	Pachange Vaishnavi Venkatesh	
70.	Padghan Sarika Madhukar	
71.	Padile Nishigandha Dnyanoba	
72.	Pagnis Aayushi	
73.	Pakawala Ummay Kulsum	
74.	Panaskar Apoorva Dipak	
75.	Pardeshi Ishwari Sunil	

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FIRST BDS (2018-19 BATCH)

IIIRD INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 08/ 4/ 2019

ROLL NO: 51- 75 (Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Masson Trichome stain
2	Normal cheek mucosa
3	Serous salivary Parotid gland
4	Cap stage of tooth developement
5	Cellular cementum
6	Incremental line
7	Embeded denticle
8	6 |
9	6 |
10	| 4
11	7654321 | 1234567 Age of cast – 14-18Yrs
12	EDCBA | ABCDE6 Age of cast – 6 Yrs.

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

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FIRST BDS (2018-19 BATCH) REG BATCH – THIRD INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (Batch D) **Date: 09/ 4/ 2019**

Roll No	Name of the student	Student signature
76.	Parmar Yashi Sampat	
77.	Pasunoori Aishwarya S.	
78.	Patil Tejaswini Mahendra	
79.	Payghan Akash Kaduji	
80.	Pitale Neha Girish	
81.	Poojary Nikhita Prabhakar	
82.	Potode Bakul Narendra	
83.	Rahma Tafheem	
84.	Ramgade Riya Jitendra	
85.	Ravangave Vaishnavi Sanjay	
86.	Rokde Alisha Shivram	
87.	Sagar Shubhangi Jivan	
88.	Shah Purva Kiran	
89.	Sontakke Pratiksha Pralhad	
90.	Sonvane Suraj Shrimantrao	
91.	Surve Swaranjali Shashikant	
92.	Tamore Abhishek Mahendra	
93.	Tandale Tanvi Tushar	
94.	Tandel Saniya Shailesh	
95.	Tarde Abhishek Vikas	
96.	Tilekar Astha Rajendra	
97.	Tiwari Sumant	Absent
98.	Vaidya Medha Mukund	
99.	Vidhate Ankita Nilkanth	
100.	Wakure Amol Babasaheb	

RS Shraddha Shinde

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FIRST BDS (2018-19 BATCH)

III[RD] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 09/ 4/ 2019

ROLL NO: 76- 100 (Batch D)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Mucous Salivary Gland - PAS stain.
2	Mallory stain.
3	G.S. → Enamel Spindle.
4	Circumvallate Papillae.
5	Interradicular Group of fibers.
6	G.S. showing Acellular Cementum
7	D.C. showing free denticles.
8	Deciduous maxillary Cast [EDCBA] Age 2½ - 6 yrs.
9	14.
10	Permanent maxillary Cast [7654321] Age 12 - 18 yrs.
11	16
12	Mixed Dentition maxillary Cast [6EDCBA] Age - 6 yrs.

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EXAM ATTENDANCE RECORD
2017-2018

DEPARTMENT OF DENTAL ANATOMY & DENTAL HISTOLOGY
D.Y. PATIL DENTAL SCHOOL,
LOHEGAON, PUNE,.

NOTICE FOR IST YEAR B.D.S.

The Syallabus for I^st Internal Assessment exam to be held from 18-11-2017 to 22-11-2017 is as follows.

I) DENTAL ANATOMY :=>

1) Introduction, Glossary & Notes.
2) TOOTH NUMBERING SYSTEM.
3) DIFFERENCE BETWEEN PERMANENT & DECIDUOUS DENTITIO
4) TRAITS, LANDMARKS on Tooth.
5) MAXILLARY CENTRAL INCISOR
6) MAXILLARY LATERAL INCISOR.
7) MANDIBULAR CENTRAL INCISOR
8) MANDIBULAR LATERAL INCISOR
9) MAXILLARY CANINE
10) MANDIBULAR CANINE

II) DENTAL HISTOLOGY :=>

1) ORAL MUCOUS MEMBRANE
2) SALIVARY GLANDS.
3) STUDY OF CELLS.

Deepak
PROFESSOR & HEAD
Dept. of Oral Pathology & Microbiology
D Y Patil Dental School
D Y Patil Knowledge City
Charoli (Bk), Via Lohegaon, Pune - 412105.

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST YEAR B.D.S REG BATCH – FIRST INTERNAL ASSESSMENT

THEORY ATTENDANCE RECORD Date: November 18th 2017

Roll No	Name of the student	Student signature
1.	Ajmera K Shrinivas	
2.	Ajrekar Iftisam Abdulgaffar	
3.	Ashte Swaraj Gopal	
4.	Awhale Ankita Ashok	
5.	Bandebuche Laxmi Rajesh	
6.	Bhasge Prashant Umakant	
7.	Bhimani Priyansh Manilal	
8.	Bingle Anuja Ramesh	
9.	Chedda Reet Rajesh	
10.	Chothe	
11.	Deglurkar Nidhi Jayant	
12.	Deole ~~Nisha~~ NISHIKA Vinay	
13.	Deshmukh Ishwari Hemantrao	
14.	Deshmukh Urvashi Manishrao	
15.	Deshpande Akshada Avinash	
16.	Dhaigude Snehal Himmatrao	
17.	Dhaybar Shreya Sanjay	
18.	Dole Ruta Pramod	
19.	Dube Shreya Sanjay	
20.	Edlawar Apoorva Sanjay	
21.	Funde Sneha Jagannath	
22.	Gaikwad Parinaya Nandkumar	
23.	Gaikwad Pooja Madhusudan	
24.	Ghorsade Pranali Bandu	
25.	Gupta Arush	
26.	Gurav Dipti Sanjay	
27.	Gutte Varsha Ankushrao	
28.	Hange Anuja Shivraj	
29.	Jagtap Komal Deepak	
30.	Kachave Pallavi	
31.	Kadam Gautami	
32.	Kadam Pooja Sunil	
33.	Kadam Shivani	
34.	Kanase Rachana	
35.	Karadkhele Aditi	
36.	Kedar Priyanka	
37.	Khade Pushpak	

Roll No	Name of the student	Student signature
38.	Khade Shital	
39.	Kshirsagar Rahul	
40.	Khodke Rita	
41.	Kokate Akshay	
42.	Kolhe Shivani	
43.	Kulkarni Shruti	
44.	Kumbhar Tanvi	
45.	Lohtia Vishakha	
46.	Londhe Neha	
47.	Mahajan Piyush	
48.	Mahirchandani Divya	
49.	Mathapati Rutuja	
50.	Mathurvaishya Unnati	
51.	Maurya Anurag	
52.	Maurya Monika	
53.	Mehre Kshitija	
54.	Menghani Nikhil	
55.	Mishra Adarsh	
56.	Mudsinge Ankita	
57.	Nadarge Madura	
58.	Nagaonkar Samruddhi	
59.	Naik Divya	
60.	Narwade Hemangi	
61.	Narde Shalmali	
62.	Nikam Pratiksha	
63.	Ostwal Bhavna	
64.	Padsalgi Komal	
65.	Panchal Shriyash	
66.	Panade Sachin	
67.	Patil Divya	
68.	Patil Komal Nandlal	
69.	Patil Krutika Kailash	
70.	Patil Leena Sanjay	
71.	Patil Pornima Sanjay	
72.	Patil Pranav Adagonda	
73.	Patil Rupal Ramdas	
74.	Patil Sanika Girish	
75.	Rajagopal Anishka	
76.	Rankawat Roshni Nandkishore	
77.	Raut Monika Kailas	
78.	Raut Uzair Zahid	
79.	Roy Tanya	
80.	Sarswat Qashish Anil	
81.	Sawant Varsha Sandipan	
82.	Saxena Muskaan	

Roll No	Name of the student	Student signature
83.	Shah Deep Nirav	
84.	Sharma Prachi	
85.	Shelke Mukta Pramod	
86.	Shinde Shubham Dilip	
87.	Shinde Komal Sanjay	
88.	Shinde Shradhda Laxman	
89.	Solanke Krishna Shamsundar	
90.	Sonar Neil Sameer	
91.	Surakshya Shruti	
92.	Tambe Neha Yoganand	
93.	Thakur Niranjansingh Rajendrasingh	
94.	Tripathi Vaishnavi Prashant	
95.	Vidhate Manjiri Raghunath	
96.	Waghmode shivani Someshwar	
97.	Zavar Harshali Pravin	
98.	Zote Ashwin Anand	
99.		
100.		

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FIRST BDS (2017-2018 BATCH)

Ist Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 18 / 12 / 2017

Total Marks: 60 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 30 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question (2 marks each x 5=10marks)

1. Enumerate the differences between serous and mucous salivary glands
2. Functions of saliva
3. Describe in brief the nonkeratinocytes.
4. Discuss in brief the excretory unit of salivary glands
5. Describe the functions and structure of myoepithelial cells

II Long answer question (10 marks each x 1=10 marks)

6. Define and classify oral mucous membrane (3 marks). Describe in detail the macroscopic and microscopic structure of dorsal surface of the tongue (7marks).

Section C

III Short answer question (2 marks each x 5=10 marks)

1. Enumerate the various tooth numbering systems. Describe any one of them.
2. Describe in detail the lingual aspect of permanent maxillary central incisor.
3. Describe the set traits of maxillary central incisors
4. Describe the elevations present in the teeth.
5. Discuss the differences between permanent mandibular central and lateral incisor.

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of permanent maxillary canine (8marks). Add a note on its arch traits (2marks.)

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FIRST BDS (2017-2018 BATCH)

Ist Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 18/12/2017
Total Marks: 60 — Time:3hrs

Section A

Q. 1. Multiple Choice Questions — 1X20=**20**

1. The rate of cell proliferation in oral cavity is
   a. 25 to 57 days — b. 50 to 75 days
   c. 90 to 115 days — d. 4 to 14 days

2. From how many lobes the permanent maxillary lateral incisor develops?
   a. 02 — b. 03
   c. 04 — d. 05

3. Stippling seen on gingiva indicates
   a. Diseased gingiva — b. Healthy gingiva
   c. Developmental malformation — d. None of the above

4. Permanent mandibular right first premolar as numbered by FDI system is
   a. 14 — b. 24
   c. 34 — d. 44

5. The salivary glands are
   a. exocrine — b. endocrine
   c. holocrine — d. mesocrine

6. von Ebner's glands are
   a. Purely mucus in secretion — b. Purely serous in secretion
   c. Mixed — d. Contractile in nature

7. The predominant salivary immunoglobulin is:
   a. IgA — b. IgG
   c. IgE — d. IgM

8. Which out of the following layer is the most active in protein syntheis
   a. Basal cells — b. Spinous cells
   c. granular cells — d. corneum cells

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	C	B	D	A	B	A	B	B	C	B	B	C	D	B	C	D	C	B	A

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Department of Oral Pathology
Answer Key of Section A.
I^st ~~Internal~~ ASSESSMENT . 18/12/2017.

Que. No.	Answer	Que No	Answer.
1	a	11	b
2	C	12	b
3	b	13	c
4	d	14	d
5	a	15	b
6	b	16	c
7	a	17	d
8	B	18	C
9	B	19	b
10.	C	20	a

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FIRST BDS (2017-18 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH C) **DATE: 20/ 11/ 2017**

Roll No	Name of the student	Student signature
67.	Patil Divya	
68.	Patil Komal Nandlal	
69.	Patil Krutika Kailash	
70.	Patil Leena Sanjay	
71.	Patil Pornima Sanjay	
72.	Patil Pranav Adagonda	
73.	Patil Rupal Ramdas	
74.	Patil Sanika Girish	
75.	Rajagopal Anishka	
76.	Rankawat Roshni Nandkishore	
77.	Raut Monika Kailas	
78.	Raut Uzair Zahid	
79.	Roy Tanya	
80.	Sarswat Qashish Anil	
81.	Sawant Varsha Sandipan	
82.	Saxena Muskaan	
83.	Shah Deep Nirav	
84.	Sharma Prachi	
85.	Shelke Mukta Pramod	
86.	Shinde Shubham Dilip	
87.	Shinde Komal Sanjay	
88.	Shinde Shradhda Laxman	
89.	Solanke Krishna Shamsundar	
90.	Sonar Neil Sameer	
91.	Surakshya Shruti	
92.	Tambe Neha Yoganand	
93.	Thakur Niranjansingh Rajendrasingh	
94.	Tripathi Vaishnavi Prashant	
95.	Vidhate Manjiri Raghunath	
96.	Waghmode shivani Someshwar	
97.	Zavar Harshali Pravin	
98.	Zote Ashwin Anand	
99.		
100.		

20/11/17.

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FIRST BDS (2017-18 BATCH)

IST INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 20/ 11/ 2017

ROLL NO: 67-100(Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Gingiva.
2	Orthokeratinized Epithelium
3	Filiform Papillae.
4	Serous salivary Gland.
5	Vermilion border of Lip.
6	Circumvallate papillae.
7	Mucous Salivary Gland
8	41, Age of Eruption : 6-7 yrs.
9	21, Age of eruption: 7-8 yrs.
10	42, Age of eruption: 7-8 yrs.

Deepak

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FIRST BDS (2017-18 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH A) DATE: 21/ 11/ 2017

Roll No	Name of the student	Student signature
1.	Ajmera K Shrinivas	
2.	Ajrekar Iftisam Abdulgaffar	
3.	Ashte Swaraj Gopal	
4.	Awhale Ankita Ashok	
5.	Bandebuche Laxmi Rajesh	
6.	Bhasge Prashant Umakant	
7.	Bhimani Priyansh Manilal	
8.	Bingle Anuja Ramesh	
9.	Chedda Reet Rajesh	
10.	Chothe Vaibhav	
11.	Deglurkar Nidhi Jayant	
12.	Deole ~~Nisha~~ NISHIKA Vinay	
13.	Deshmukh Ishwari Hemantrao	
14.	Deshmukh Urvashi Manishrao	
15.	Deshpande Akshada Avinash	
16.	Dhaigude Snehal Himmatrao	
17.	Dhaybar Shreya Sanjay	
18.	Dole Ruta Pramod	
19.	Dube Shreya Sanjay	
20.	Edlawar Apoorva Sanjay	
21.	Funde Sneha Jagannath	
22.	Gaikwad Parinaya Nandkumar	
23.	Gaikwad Pooja Madhusudan	
24.	Ghorsade Pranali Bandu	
25.	Gupta Arush	
26.	Gurav Dipti Sanjay	
27.	Gutte Varsha Ankushrao	
28.	Hange Anuja Shivraj	
29.	Jagtap Komal Deepak	
30.	Kachave Pallavi	
31.	Kadam Gautami	
32.	Kadam Pooja Sunil	
33.	Kadam Shivani	

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FIRST BDS (2017-18 BATCH)

I[ST] INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 21/ 11/ 2017

ROLL NO: 1-33(Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Mucous Salivary gland.
2	Buccal mucosa.
3	Fungiform Papillae.
4	Gingival mucosa.
5	Serous Salivary gland
6	Taste bud
7	orthokeratinised epithelium.
8	1
9	2
10	2.

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FIRST BDS (2017-18 BATCH) REG BATCH – FIRST INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH B) DATE: 22/ 11/ 2017

Roll No	Name of the student	Student signature
34.	Kanase Rachana	
35.	Karadkhele Aditi	
36.	Kedar Priyanka	
37.	Khade Pushpak	
38.	Khade Shital	
39.	Kshirsagar Rahul	
40.	Khodke Rita	
41.	Kokate Akshay	
42.	Kolhe Shivani	
43.	Kulkarni Shruti	
44.	Kumbhar Tanvi	
45.	Lohtia Vishakha	
46.	Londhe Neha	
47.	Mahajan Piyush	
48.	Mahirchandani Divya	
49.	Mathapati Rutuja	
50.	Mathurvaishya Unnati	
51.	Maurya Anurag	
52.	Maurya Monika	
53.	Mehre Kshitija	
54.	Menghani Nikhil	
55.	Mishra Adarsh	
56.	Mudsinge Ankita	
57.	Nadarge Madura	
58.	Nagaonkar Samruddhi	
59.	Naik Divya	
60.	Narwade Hemangi	
61.	Narde Shalmali	
62.	Nikam Pratiksha	
63.	Ostwal Bhavna	
64.	Padsalgi Komal	
65.	Panchal Shriyash	
66.	Panade Sachin	

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FIRST BDS (2017-18 BATCH)

IST INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 22/ 11/ 2017

ROLL NO: 34-66(Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	SEROUS SALIVARY GLAND.
2	PARAKERATINISED EPITHELIUM.
3	GINGIVA.
4	FUNGIFORM PAPILLAE
5	MUCOUS SALIVARY GLAND.
6	CIRCUMVALLATE PAPILLAE.
7	VERMILLION BORDER OF LIP.
8	22
9	42
10	11

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DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY.

NOTICE

YEAR: IST BDS, REGULAR BATCH-2017-18 **DATE** 23/01/2018

SYALLABUS FOR SECOND INTERNAL ASSESMENT EXAMINATION

ORAL HISTOLOY :-

1. DEVELOPMENT OF TEETH
2. ENAMEL
3. DENTIN
4. PULP
5. CEMENTUM
6. PERIODONTAL LIGAMENT
7. BONE
8. TOOTH ERUPTION
9. SHEDDING OF DECIDUOUS TEETH

ORAL ANATOMY:

1. MAXILLARY PREMOLARS
2. MANDIBULAR PREMOLARS
3. MAXILLARY CANINES
4. MANDIBULAR CANINES
5. MAXILLARY MOLARS

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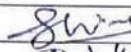
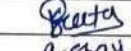
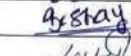
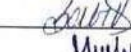
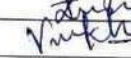
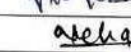
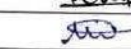
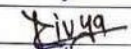
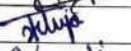
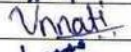
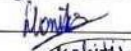
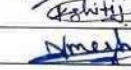
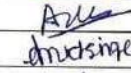
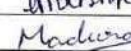
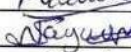
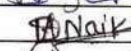
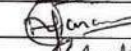
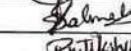
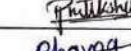
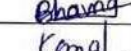
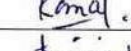
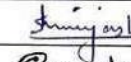
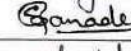
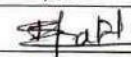
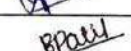
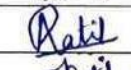
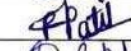
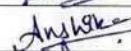
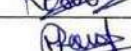
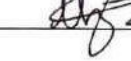
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DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

YEAR: I BDS, BATCH-2017-18 **DATE**- 03/02/2018

2nd INTERNAL ASSESSMENT THEORY ATTENDANCE

Sr.no	Name of Student	Student Signature
1	Ajmera K Shrinivas	
2	Ajrekar Iftisam Abdulgaffar	
3	Ashte Swaraj Gopal	
4	Awhale Ankita Ashok	
5	Bandebuche Laxmi	
6	Bhasge Prashant Umakant	
7	Bhimani Priyansh Manilal	
8	Bingle Anuja Ramesh	
9	Chedda Reet Rajesh	
10	Chothe Vaibhav	
11	Deglurkar Nidhi Jayant	
12	Deole Nisha Vinay	
13	Deshmukh Ishwari Hemantrao	
14	Deshmukh Urvashi Manishrao	
15	Deshpande Akshada Avinash	
16	Dhaigude Snehal Himmatrao	
17	Dhaybar Shreya Sanjay	
18	Dole Ruta Pramod	
19	Dube Shreya Sanjay	
20	Edlawar Apoorva Sanjay	
21	Funde Sneha Jagannath	
22	Gaikwad Parinaya Nandkumar	
23	Gaikwad Pooja Madhusudan	
24	Ghorsade Pranali Bandu	
25	Gupta Arush	
26	Gurav Dipti Sanjay	
27	Gutte Varsha Ankushrao	
28	Hange Anuja Shivraj	
29	Jagtap Komal Deepak	
30	Kachave Pallavi	
31	Kadam Gautami	
32	Kadam Pooja Sunil	
33	Kadam Shivani	
34	Kanase Rachana	
35	Karadkhele Aditi	
36	Kedar Priyanka	
37	Khade Pushpak	

Sr.no	Name of Student	Student Signature
38	Khade Shital	
39	Kshirsagar Rahul	
40	Khodke Rita	
41	Kokate Akshay	
42	Kolhe Shivani	
43	Kulkarni Shruti	
44	Kumbhar Tanvi	
45	Lohtia Vishakha	
46	Londhe Neha	
47	Mahajan Piyush	
48	Mahirchandani Divya	
49	Mathapati Rutuja	
50	Mathurvaishya Unnati	
51	Maurya Anurag	
52	Maurya Monika	
53	Mehre Kshitija	
54	Menghani Nikhil	
55	Mishra Adarsh	
56	Mudsinge Ankita	
57	Nadarge Madura	
58	Nagaonkar Samruddhi	
59	Naik Divya	
60	Narwade Hemangi	
61	Narde Shalmali	
62	Nikam Pratiksha	
63	Ostwal Bhavna	
64	Padsalgi Komal	
65	Panchal Shriyash	
66	Panade Sachin	
67	Patil Divya	
68	Patil Komal Nandlal	
69	Patil Krutika Kailash	
70	Patil Leena Sanjay	
71	Patil Pornima Sanjay	
72	Patil Pranav Adagonda	
73	Patil Rupal Ramdas	
74	Patil Sanika Girish	
75	Rajagopal Anishka	
76	Rankawat Roshni Nandkishore	
77	Raut Monika Kailas	
78	Raut Uzair Zahid	

Sr.no	Name of student	Student Signature
79	Roy Tanya	
80	Sarswat Qashish Anil	
81	Sawant Varsha Sandipan	
82	Saxena Muskaan	
83	Shah Deep Nirav	
84	Sharma Prachi	
85	Shelke Mukta Pramod	
86	Shinde Shubham Dilip	
87	Shinde Komal Sanjay	
88	Shinde Shradhda Laxman	
89	Solanke Krishna Shamsundar	
90	Sonar Neil Sameer	
91	Surakshya Shruti	
92	Tambe Neha Yoganand	
93	Thakur Niranjansingh Rajendrasingh	
94	Tripathi Vaishnavi Prashant	
95	Vidhate Manjiri Raghunath	
96	Waghmode shivani Someshwar	
97	Zavar Harshali	
98	Zote Ashwin Anand	
99	Aishwarya. Prakash. Londhe.	
100	Dimple. Salunke	

for

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FIRST BDS (2017-2018 BATCH)

2nd Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 03 / 02 / 2018

Total Marks: 60 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 30 minutes for section A (MCQs)
- Write section B and section C in one answer book

Section B

I Short answer question (2 marks each x 5=10marks)

1. Discuss in brief about cells of bone and a note on bundle bone
2. Describe dead tracts, sclerotic dentin and tertiary dentin
3. Hypocalcified structures of enamel.
4. Describe the nerve supply of pulp.
5. Describe the functions of periodontal ligament

II Long answer question (10 marks each x 1=10 marks)

6. Describe the morphological stages of tooth development (7 marks). Discuss in detail the process of root formation (3marks).

Section C

III Short answer question (2 marks each x 5=10 marks)

1. Define and classify cementum.
2. Describe in detail the occlusal aspect of mandibular second premolar.
3. Enumerate the theories of eruption. Describe any one.
4. Describe in detail the occlusal aspect of permanent maxillary first molar.
5. Discuss the class traits of permanent mandibular canine and mandibular 1st premolar.

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of maxillary 1st premolar (8marks). Add a note on its arch traits (2marks.)

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FIRST BDS (2017-2018 BATCH)

2nd Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 03/02/2018
Total Marks: 60 — Time:3hrs

Section A

Q. 1. Multiple Choice Questions 1X20=**20**

1. Premature degeneration of reduced enamel epithelium prevents
   a. . Formation of enamel
   b. Formation of dentin
   c. Exfoliation of deciduous teeth
   d. Eruption of tooth

2. Mesial contact area of 16 is located at:
   a. occlusal third of crown
   b. middle third of the crown
   c. cervical third of crown
   d. occluso-middle third of crown

3. Total activity of dental lamina extends over a period of
   a. 10 years
   b. 8 years
   c. 5 years
   d. 15 years

4. The inner organic lining of calcified tubule wall is termed
   a. Lamina lucida
   b. Lamina limitans
   c. Lamina densa
   d. Lamina dura

5. Membrane that separates the enamel organ and dental papilla prior to dentin formation is called
   a. Basement membrane
   b. Membrana preformativa
   c. Buccopharyngeal membrane
   d. Basal lamina

6. Which of the following develops from five lobes?
   a. 14
   b. 25
   c. 34
   d. 45

7. Network of peripheral axons located adjacent to the cell rich zone is termed as
   a. Plexus of Rashkow
   b. Weil's zone
   c. Odontogenic zone
   d. Predentin zone

8. Inorganic content of Cementum from fully formed permanent teeth is
   a. 40-45 %
   b. 45-50 %
   c. 50-55 %
   d. 55-60 %

9. All of the following are cells derived from hematopoietic line except
   a. Osteoclast
   b. Cementoclast
   c. Fibroblast
   d. Mast cell

10. Permanent mandibular left second premolar as numbered by FDI system is
   a. 15
   b. 25
   c. 35
   d. 45

11. Which vitamin is essential for collagen synthesis?
   a. Vitamin A
   b. Vitamin B
   c. Vitamin C
   d. Vitamin D

12.Abnormal initiation results in
   a. Supernumerary teeth
   b. Anodontia
   c. Partial anodontia
   d. Dermoid cyst

13. The nerves present in periodontal ligament are:
   a. nonmyelinated
   b. myelinated
   c. both
   d. None of the above

14. Enamel that can withstand severe masticatory force
   a. Root enamel
   b. Cervical enamel
   c. Gnarled enamel
   d. Enamel lamellae

15. When the tooth is in the bony crupt the eruption rate is:
   a. one micron per day
   b. five micron per day
   c. ten micron per day
   d. fifteen micron per day

16. The area of alveolar bone where Sharpey's fibers are embedded is called:
   a. lamellar bone
   b. bundle bone
   c. lamina dura
   d. fibrillar bone

17. Dentin phosphophoryn is not present in:
   a. primary dentin
   b. secondary dentin
   c. tertiary dentin
   d. sclerotic dentin

18. The synthetic cells of the periodontal ligament are all of the following except
   a. Osteoblasts
   b. Fibroblasts
   c. Cementoblasts
   d. Odontoblasts

19. Geometrical shape of the buccal aspect of permanent maxillary 1st molar is
   a.Trapezoidal
   b. Triangular
   c.Octagonal
   d. Hexagonal

20. The nerve fibers associated with sharp localised pain are
   a. C fibers
   b. A β fibers
   c. A γ fibers
   d. A δ fibers

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FIRST BDS (2017-2018 BATCH)

2nd Internal Examination

Subject: Dental Anatomy & Oral Histology — Date: 03 / 02 / 2018

Total Marks: 60 — Time: 3 hrs

Instructions:

- All questions are compulsory
- Draw diagrams wherever necessary
- Figures to the right indicate full marks
- Do not write anything on question paper, it will be treated as copy.
- First 30 minutes for section A (MCQs)
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Section B

I Short answer question (2 marks each x 5=10marks)

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4. Describe the nerve supply of pulp.
5. Describe the functions of periodontal ligament

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6. Describe the morphological stages of tooth development (7 marks). Discuss in detail the process of root formation (3marks).

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3. Enumerate the theories of eruption. Describe any one.
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5. Discuss the class traits of permanent mandibular canine and mandibular 1st premolar.

II Long answer question (10 marks each x 1=10 marks)

6. Describe in detail the morphology of maxillary 1st premolar (8marks). Add a note on its arch traits (2marks.)

D.Y. Patil Dental School, Lohegaon - Pune.

Department of Oral Pathology

IInd Internal Assessment Examination.

Section A - Answer key.

DATE : 03/02/2018

Que No.	Answer	Que No	Answer
1	d	11	c
2	d	12	a
3	c	13	c
4	b	14	c
5	b	15	a
6	d	16	b
7	a	17	c
8	b	18	d
9	c	19	a
10	c	20	d

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FIRST BDS (2017-18 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH C) **DATE: 05/ 02/ 2018**

Roll No	Name of the student	Student signature
67.	Patil Divya	
68.	Patil Komal Nandlal	
69.	Patil Krutika Kailash	
70.	Patil Leena Sanjay	
71.	Patil Pornima Sanjay	
72.	Patil Pranav Adagonda	
73.	Patil Rupal Ramdas	
74.	Patil Sanika Girish	
75.	Rajagopal Anishka	
76.	Rankawat Roshni Nandkishore	
77.	Raut Monika Kailas	
78.	Raut Uzair Zahid	
79.	Roy Tanya	
80.	Sarswat Qashish Anil	
81.	Sawant Varsha Sandipan	
82.	Saxena Muskaan	
83.	Shah Deep Nirav	
84.	Sharma Prachi	
85.	Shelke Mukta Pramod	
86.	Shinde Shubham Dilip	
87.	Shinde Komal Sanjay	
88.	Shinde Shradhda Laxman	
89.	Solanke Krishna Shamsundar	
90.	Sonar Neil Sameer	
91.	Surakshya Shruti	
92.	Tambe Neha Yoganand	
93.	Thakur Niranjansingh Rajendrasingh	
94.	Tripathi Vaishnavi Prashant	
95.	Vidhate Manjiri Raghunath	
96.	Waghmode shivani Someshwar	
97.	Zavar Harshali	
98.	Zote Ashwin Anand	
99.	Aishwarya. Prakash. Londhe	
100.	Salunke Dimpal Pandirao	

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FIRST BDS (2017-18 BATCH)

2nd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 05/ 02/ 2018

ROLL NO: 67-100(Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Bundle Bone
2	Early Bell stage of tooth development
3	cellular cementum
4	Tome's Granular layer.
5	Free Denticle
6	Inter-radicular group of PDL fibres.
7	Incremental Lines of Retzius
8	14
9	25
10	34

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D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2017-18 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH A) **DATE: 06/ 02/ 2018**

Roll No	Name of the student	Student signature
1.	Ajmera K Shrinivas	
2.	Ajrekar Iftisam Abdulgaffar	
3.	Ashte Swaraj Gopal	
4.	Awhale Ankita Ashok	
5.	Bandebuche Laxmi Rajesh	
6.	Bhasge Prashant Umakant	
7.	Bhimani Priyansh Manilal	
8.	Bingle Anuja Ramesh	
9.	Chedda Reet Rajesh	
10.	Chothe Vaibhav	
11.	Deglurkar Nidhi Jayant	
12.	Deole Nisha Vinay	
13.	Deshmukh Ishwari Hemantrao	
14.	Deshmukh Urvashi Manishrao	
15.	Deshpande Akshada Avinash	
16.	Dhaigude Snehal Himmatrao	
17.	Dhaybar Shreya Sanjay	
18.	Dole Ruta Pramod	
19.	Dube Shreya Sanjay	
20.	Edlawar Apoorva Sanjay	
21.	Funde Sneha Jagannath	
22.	Gaikwad Parinaya Nandkumar	
23.	Gaikwad Pooja Madhusudan	
24.	Ghorsade Pranali Bandu	
25.	Gupta Arush	
26.	Gurav Dipti Sanjay	
27.	Gutte Varsha Ankushrao	
28.	Hange Anuja Shivraj	
29.	Jagtap Komal Deepak	
30.	Kachave Pallavi	
31.	Kadam Gautami	
32.	Kadam Pooja Sunil	
33.	Kadam Shivani	

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FIRST BDS (2017-18 BATCH)

2nd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 06/ 02/ 2018

ROLL NO: 1-33(Batch A)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Interglobular Dentin (G.S).
2	Free Denticle (D.S)
3	Cellular Cementum (G.S).
4	Interradicular Group of Fibers (D.S).
5	Enamel lamellae. (G.S)
6	Cap stage (D.S).
7	Dead tracts. (G.S)
8	23.
9	34
10	35.

Deepak

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DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

D.Y.PATIL DENTAL SCHOOL, LOHEGAON.

FIRST BDS (2017-18 BATCH) REG BATCH – SECOND INTERNAL ASSESSMENT

PRACTICAL ATTENDANCE RECORD - (BATCH B) **DATE: 07/ 02/ 2018**

Roll No	Name of the student	Student signature
34.	Kanase Rachana	
35. s	Karadkhele Aditi	
36.	Kedar Priyanka	
37.	Khade Pushpak	
38.	Khade Shital	
39.	Kshirsagar Rahul	
40.	Khodke Rita	
41.	Kokate Akshay	
42.	Kolhe Shivani	
43.	Kulkarni Shruti	
44.	Kumbhar Tanvi	
45.	Lohtia Vishakha	
46.	Londhe Neha	
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48.	Mahirchandani Divya	
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54.	Menghani Nikhil	
55.	Mishra Adarsh	
56.	Mudsinge Ankita	
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58.	Nagaonkar Samruddhi	
59.	Naik Divya	
60.	Narwade Hemangi	
61.	Narde Shalmali	
62.	Nikam Pratiksha	
63.	Ostwal Bhavna	
64.	Padsalgi Komal	
65.	Panchal Shriyash	
66.	Panade Sachin	

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FIRST BDS (2017-18 BATCH)

2nd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 07/ 02/ 2018

ROLL NO: 34-66(Batch B)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Cap Stage of tooth development.
2	Transeptal fibers.
3	Bundle bone.
4	Enamel spindles.
5	Cementicles.
6	Tomes granular layer.
7	Cellular Cementum.
8	35
9	24
10	16.

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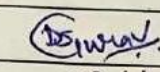
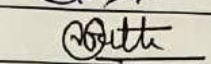
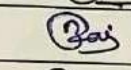
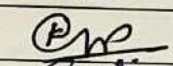
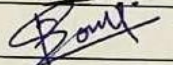
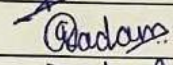
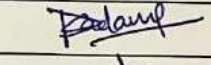
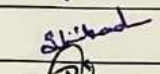
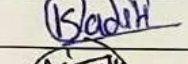
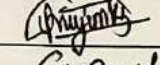
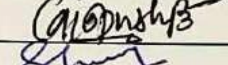
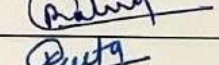
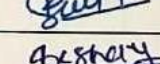
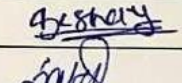
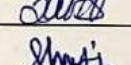
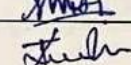
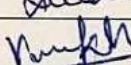
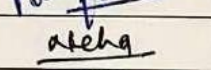
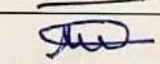
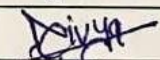
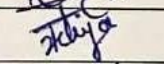
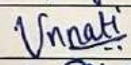
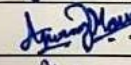
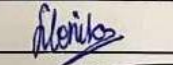
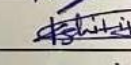
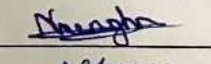
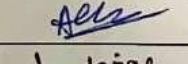
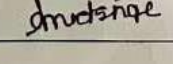
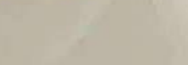
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DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

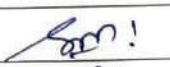
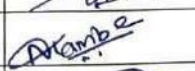
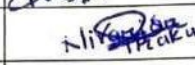
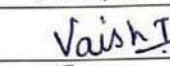
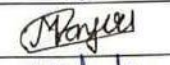
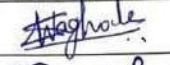
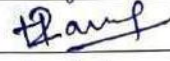
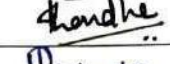
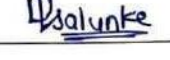
YEAR: I BDS, BATCH-2017-18 **DATE**- 7-04-2018

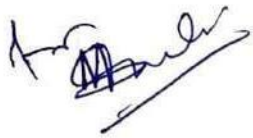
3rd INTERNAL ASSESSMENT THEORY Examination-**Attendance Record**

ROLL NO.	NAME of THE CANDIDATE	SIGNATURE
1.	Ajmera K Shrinivas	
2.	Ajrekar Iftisam Abdulgaffar	
3.	Ashte Swaraj Gopal	
4.	Awhale Ankita Ashok	
5.	Bandebuche Laxmi Rajesh	
6.	Bhasge Prashant Umakant	
7.	Bhimani Priyansh Manilal	
8.	Bingle Anuja Ramesh	
9.	Chedda Reet Rajesh	
10.	Chothe Vaibhav	
11.	Deglurkar Nidhi Jayant	
12.	Deole Nisha Vinay	
13.	Deshmukh Ishwari Hemantrao	
14.	Deshmukh Urvashi Manishrao	
15.	Deshpande Akshada Avinash	
16.	Dhaigude Snehal Himmatrao	
17.	Dhaybar Shreya Sanjay	
18.	Dole Ruta Pramod	
19.	Dube Shreya Sanjay	
20.	Edlawar Apoorva Sanjay	
21.	Funde Sneha Jagannath	
22.	Gaikwad Parinaya Nandkumar	
23.	Gaikwad Pooja Madhusudan	
24.	Ghorsade Pranali Bandu	
25.	Gupta Arush	

26.	Gurav Dipti Sanjay	
27.	Gutte Varsha Ankushrao	
28.	Hange Anuja Shivraj	
29.	Jagtap Komal Deepak	
30.	Kachave Pallavi	
31.	Kadam Gautami	
32.	Kadam Pooja Sunil	
33.	Kadam Shivani	
34.	Kanase Rachana	
35.	Karadkhele Aditi	
36.	Kedar Priyanka	
37.	Khade Pushpak	
38.	Khade Shital	
39.	Kshirsagar Rahul	
40.	Khodke Rita	
41.	Kokate Akshay	
42.	Kolhe Shivani	
43.	Kulkarni Shruti	
44.	Kumbhar Tanvi	
45.	Lohtia Vishakha	
46.	Londhe Neha	
47.	Mahajan Piyush	
48.	Mahirchandani Divya	
49.	Mathapati Rutuja	
50.	Mathurvaishya Unnati	
51.	Maurya Anurag	
52.	Maurya Monika	
53.	Mehre Kshitija	
54.	Menghani Nikhil	
55.	Mishra Adarsh	
56.	Mudsinge Ankita	

57.	Nadarge Madura	
58.	Nagaonkar Samruddhi	
59.	Naik Divya	
60.	Narwade Hemangi	
61.	Narde Shalmali	
62.	Nikam Pratiksha	
63.	Ostwal Bhavna	
64.	Padsalgi Komal	
65.	Panchal Shriyash	
66.	Panade Sachin	
67.	Patil Divya	
68.	Patil Komal Nandlal	
69.	Patil Krutika Kailash	
70.	Patil Leena Sanjay	
71.	Patil Pornima Sanjay	
72.	Patil Pranav Adagonda	
73.	Patil Rupal Ramdas	
74.	Patil Sanika Girish	
75.	Rajagopal Anishka	
76.	Rankawat Roshni Nandkishore	
77.	Raut Monika Kailas	
78.	Raut Uzair Zahid	
79.	Roy Tanya	
80.	Sarswat Qashish Anil	
81.	Sawant Varsha Sandipan	
82.	Saxena Muskaan	
83.	Shah Deep Nirav	
84.	Sharma Prachi	
85.	Shelke Mukta Pramod	
86.	Shinde Shubham Dilip	
87.	Shinde Komal Sanjay	

88.	Shinde Shradhda Laxman	
89.	Solanke Krishna Shamsundar	
90.	Sonar Neil Sameer	
91.	Surakshya Shruti	
92.	Tambe Neha Yoganand	
93.	Thakur Niranjansingh Rajendrasingh	
94.	Tripathi Vaishnavi Prashant	
95.	Vidhate Manjiri Raghunath	
96.	Waghmode shivani Someshwar	
97.	Zavar Harshali	
98.	Zote Ashwin Anand	
99.	Aishwarya Prakash Londhe	
100.	Salunke Dimpal	



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D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

Department of Oral Pathology & Microbiology

D.Y. Patil Dental School

I ST B.D.S [3rd Internal Assesment Examination]

MCQ Key [7/4/2018]

Sr. No.	Answer	Sr. NO	Answer
1.	C	11	C
2.	A	12	B
3	A	13	B
4	D	14	D
5	A	15	D
6	A	16	D
7	C	17	A
8	B	18	D
9	A	19	B
10	D	20	B

HEAD OF DEPT.
ORAL ANATOMY & HISTOLOGY.
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PUNE : 411102

D.Y. PATIL DENTAL SCHOOL, PUNE

DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

YEAR: I BDS, BATCH-2017-18 **DATE-** 09 -04-2018

3rd INTERNAL ASSESSMENT PRACTICAL Examination-**Attendance Record**

ROLL NO.	NAME of THE CANDIDATE	SIGNATURE
67.	Patil Divya	
68.	Patil Komal Nandlal	
69.	Patil Krutika Kailash	
70.	Patil Leena Sanjay	
71.	Patil Pornima Sanjay	
72.	Patil Pranav Adagonda	
73.	Patil Rupal Ramdas	
74.	Patil Sanika Girish	
75.	Rajagopal Anishka	
76.	Rankawat Roshni Nandkishore	
77.	Raut Monika Kailas	
78.	Raut Uzair Zahid	
79.	Roy Tanya	
80.	Sarswat Qashish Anil	
81.	Sawant Varsha Sandipan	
82.	Saxena Muskaan	
83.	Shah Deep Nirav	
84.	Sharma Prachi	
85.	Shelke Mukta Pramod	
86.	Shinde Shubham Dilip	
87.	Shinde Komal Sanjay	
88.	Shinde Shradhda Laxman	
89.	Solanke Krishna Shamsundar	
90.	Sonar Neil Sameer	
91.	Surakshya Shruti	
92.	Tambe Neha Yoganand	
93.	Thakur Niranjansingh Rajendrasingh	
94.	Tripathi Vaishnavi Prashant	
95.	Vidhate Manjiri Raghunath	
96.	Waghmode shivani Someshwar	
97.	Zavar Harshali	
98.	Zote Ashwin Anand	
99.	Aishwarya Prakash Londhe	
100.	Salunke Dimpal	

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D. Y. Patil Educational Enterprises Charitable Trust

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D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune - 412 105

FIRST BDS (2017-18 BATCH)

3rd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 09/ 04/ 2018

ROLL NO: 67-100(Batch C)

SPOT NO	DESCRIPTION OF THE SPOTTER
1	Cellular Cementum
2	Adv. Bell Stage of Tooth development
3	Masson's Trichrome stain
4	Enamel Lamelle
5	Fungiform papilla
6	Maxillary sinus
7	Serous Salivary Gland
8	6 E D C B A | A B C D E 6 (6yrs)
9	E D C B A | A B C D E (3 to 6yrs)
10	46
11	33
12	34

PROFF. & HEAD,

DEPT. OF DENTAL ANATOMY & ORAL HISTOLOGY

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ORAL ANATOMY & HISTOLOGY.
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D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

D.Y. PATIL DENTAL SCHOOL, PUNE

DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

YEAR: I BDS, BATCH-2017-18 **DATE-** 10-04-2018

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6.	Bhasge Prashant Umakant	
7.	Bhimani Priyansh Manilal	
8.	Bingle Anuja Ramesh	
9.	Chedda Reet Rajesh	
10.	Chothe Vaibhav	
11.	Deglurkar Nidhi Jayant	
12.	Deole Nisha Vinay	
13.	Deshmukh Ishwari Hemantrao	
14.	Deshmukh Urvashi Manishrao	
15.	Deshpande Akshada Avinash	
16.	Dhaigude Snehal Himmatrao	
17.	Dhaybar Shreya Sanjay	
18.	Dole Ruta Pramod	
19.	Dube Shreya Sanjay	
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28.	Hange Anuja Shivraj	
29.	Jagtap Komal Deepak	
30.	Kachave Pallavi	
31.	Kadam Gautami	
32.	Kadam Pooja Sunil	
33.	Kadam Shivani	

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FIRST BDS (2017-18 BATCH)

3rd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 10/ 04/ 2018

ROLL NO: 1 - 33 Batch A

SPOT NO	DESCRIPTION OF THE SPOTTER
1	INTER RADICULAR. GROUP OF PDL.
2	ACELLULAR. CEMENTUM.
3	VERMILION BORDER OF LIP.
4	CAP STAGE OF TOOTH DEVELOPMENT.
5	ENAMEL TUFTS.
6	FILIFORM PAPILAE.
7	INTER GLOBULAR DENTIN.
8	6 EDCBA | ABCDE 6
9	EDCBA | ABCDE
10	6
11	1
12	4

Deepak

PROFF. & HEAD,

DEPT. OF DENTAL ANATOMY & ORAL HISTOLOGY

HEAD OF DEPT.
ORAL ANATOMY & HISTOLOGY.
D.Y.PATIL DENTAL SCHOOL
D.Y.PATIL KNOWLEDGE CITY,
VIA CHAROLI (BK.) LOHEGAON,
PUNE : 411102

D.Y. PATIL DENTAL SCHOOL, PUNE

DEPARTMENT OF ORAL ANANTOMY, HISTOLOGY, PHYSIOLOGY & EMBRYOLOGY.

YEAR: I BDS, BATCH-2017-18 **DATE-** 11-04-2018

3rd INTERNAL ASSESSMENT PRACTICAL Examination-**Attendance Record**

ROLL NO.	NAME of THE CANDIDATE	SIGNATURE
34	Kanase Rachana	
35	Karadkhele Aditi	
36	Kedar Priyanka	
37	Khade Pushpak	
39	Khade Shital	
39	Kshirsagar Rahul	
40	Khodke Rita	
41	Kokate Akshay	
42	Kolhe Shivani	
43	Kulkarni Shruti	
44	Kumbhar Tanvi	
45	Lohtia Vishakha	
46	Londhe Neha	
47	Mahajan Piyush	
48	Mahirchandani Divya	
49	Mathapati Rutuja	
50	Mathurvaishya Unnati	
51	Maurya Anurag	
52	Maurya Monika	
53	Mehre Kshitija	
54	Menghani Nikhil	
55	Mishra Adarsh	
56	Mudsinge Ankita	
57	Nadarge Madura	
58	Nagaonkar Samruddhi	
59	Naik Divya	
60	Narwade Hemangi	
61	Narde Shalmali	
62	Nikam Pratiksha	
63	Ostwal Bhavna	
64	Padsalgi Komal	
65	Panchal Shriyash	
66	Panade Sachin	

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FIRST BDS (2017-18 BATCH)

3rd INTERNAL PRACTICAL EXAMINATION KEY

Subject: Dental Anatomy & Oral Histology Date: 11/ 04/ 2018

ROLL NO: B (Batch B: [34 – 66.])

SPOT NO	DESCRIPTION OF THE SPOTTER
2	GNARLED ENAMEL
1	MUCOUS. SALIVARY GLAND.
3	CIRCUMVALLATE PAPILLAE
4	BUD STAGE OF TOOTH DEVELOPMENT.
5	Taste BUD.
6	NEONATAL LINE
7	VAN GIESAN STAIN.
8	6 EDCBA | ABCDE 6 [6-7 Yrs]
9	7654321 | 1234567 [14-18 Yrs]
10	2 [22].
11	3 [23]
12	5 [45] [Y type]

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HEAD OF DEPT.
ORAL ANATOMY & HISTOLOGY.
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PUNE : 411102

Examination Record 2018 - 2019

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Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon Pune - 412105

Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior / Junior Supervisor Or Who Is Rude Or Disobedient Is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Ankita Nilkanth Vidhate

Name of the Examination 1st Internal Assessment Exam Class I BDS

Subject Dental Anatomy and Dental Histology

Roll No. 99 Date 8/12/2018

main sheet = 1 suppliment Sheets = 2 Total = 3

Pledge

I hereby declare that I have gone through the instruction given above & pledge to abide by them.

Avidhate

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											15.00
Marks obtained in Section B	2	1	1.5	1.5	1.5	5.5					13.00
Marks obtianed in Section C	2	1.5	2	2	1.5	7					16.00
Grand Total											44/60

Seen & No. Complaint

Avidhate

Student's Signature

Dr Deepak

Name & Signature of Subject Teacher

Dr Deepak

Name & Signature of IC / H.O.D.

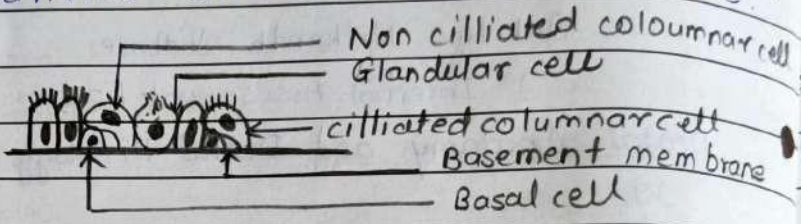
Section B

I

1) Histology of Maxillary Sinus

→ a) Maxillary sinus is pneumatic space lodge in the maxilla which communicate with environment through middle nasal cavity through nasal vestibule

b) Maxillary sinus is made up of pseudostratified cilliated ~~connective~~ columnar epithelium tissue.



c) It is made up of four types of cell

1) cilliated columnar cell →

function → movement of cillia helps for passing mucosa

2) Basal cell →

function → It is percusor of cilliated & non cilliated cells

3) Glandular cell →

function → It is single gland helps in secretion

4) Non-cilliated →

function → helps in lubrication

2) Enamel knot →

At the time of cap stage, the centreally placed polygonal cell ~~are~~ forming a knot like structure is known as enamel knot.

Enamel cord →

The extension of Enamel cord knot towards the outer enamel epithelium is known as Enamel cord

functional importance of Enamel knot and Enamel cord is they divides the Enamel Organ into two halves

1

3) Non keratinocytes

→ a) Non keratinocytes are the cells which found in both keratinized as well as non keratinized epithelium.

b) But this cells does not secrete keratin at any cause.

c) There are four types of keratinocyte

1) Melanocytes → secretes the melanin pigment and gives colour to the oral mucous membrane

2) Merkel cells → This cells are Neuro-sensory cells. They are pressure-sensory cells.

3) Langherhan's cells → This cells are antigenic cells. They provide immunity with the help of immuniglobin

4) Inflammatory cells → lymphocytes are present in inflammatory cells. They are accidently present.

1.5

4) Basket cells

→ a) Basket cells are the cells present around the secreatory ~~ducts~~ part of ductal system

b) i.e. Basket cells present around the intercalated duct & secretory duct

c) They are star shaped or mostly basket shaped cells

d) This cell press the ducts from outside to pour their ~~saliva~~ secretions into the saliva which passes through the gutter like way of acinus.

e) Also it decrease the lummal space in acinus

f) It increase the flow of saliva towards excreatory ducts

e) Basket cell also known as mesoepitheial cell

5) Serous salivary glands

→ a) Serous salivary glands are the glands which secrete the serous

b) The serous salivary glands is made up of serous acini.

c) The serous acini is compound alveolar

d) The serous acini contains less amount of serous cells as compared to mucous acini

e) This serous cells are pyramidal in shape

f) The nucleus of cells are present at the basal side because the vesicles of serous are present on apical side with excrete by exocytosis.

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g) lumen of serous acini is small.
h) The serous salivary glands having zymogen granules.

1.5

II) (A) Oral Mucous Membrane

→ Defination →

Moist lining of oral cavity is known as oral mucous membrane.

Classification →

Oral mucous membrane is classified as :-

① According to function.

i) Masticatory mucosa e.g. hard palate, etc

ii) Lining mucosa e.g. soft palate, etc

iii) Sepacilized mucosa e.g. dorsal surface of tongue.

② According to histology.

i) Keratinized epithelium e.g. hard palate, etc

a) ortho - keratinized

b) para - keratinized

ii) Non keratinized epithelium e.g. soft palate, etc

iii) Speacialized epitheium.

(B) Macroscopic & Microscopic structure of dorsal surface of tongue.

i) Tongue is movable muscle & most important in mastication, speech and perfor various other function.

a) Dorsal surface of tongue get divided into anterior 2/3 part and posterior 1/3 part by the V-shaped sulcus known as sulcus terminalis.

3) Tongue posses the papillae which help in mastication, secretion as well as taste. Dorsal surface

4) There are four types of papillae → Tongue has specalized mucosa contain both ~~keratinization as well as non~~ keertainization

(a) Filliform papillae
(b) fungiform papillae
(c) folliate papillae
(d) Circumvallate papillae.

5) out of this four filliform papillae ~~an~~ is very smaller in size wheras circumvallate papillae is larger in size.

6) During fever there is loss of papillae

(a) filliform papillae

→ (1) This are smallest, thread like papillae
(2) This ~~fo~~ papillae found most of the part of oral cavity.
(3) There is no taste bud on filliform papillae
(4) filliform papillae helps in ~~of~~ mastication
(5) fungiform Papillae is keertainized

(b) fungiform papillae

→ (1) This are papillae which has fungus like appearance.
(2) fungiform papillae is ~~kerdia~~ keratinized
~~(3) they found mostly around the lateral side of tongue~~
(3) They possess a taste bud mostly found on lateral side of tongue.
(4) They are found behind the filliform papillae.

© Folliate papillae

① These papillae has leaf like structure.

② They have keratinization

③ They possess taste bud on tip of the tongue & lateral part of tongue.

(d) Circumvallate papillae.

① These are largest number of papillae

② They found at anterior part of sulcus terminalis.

③ Circumvallate papillae possess a von-Ebner gland which minor serous salivary gland

④ The lateral part of circumvallate papillae is non-~~ket~~ keratinized

5.5

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Section - C

II

1) a) Mamelons

→ 1) Mamelons are the protuberance of incisal rige.

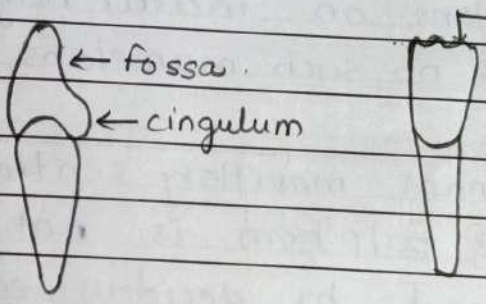
2) The mamelons represents the ~~3 lobes of~~ 3 anterior lobes of teeth

3) They are present in permant anterior teeth.

b) Cingulum

→ 1) Cingulum is large, convex elevation present on lingual side of anterior teeth

2) Cingulum represent the 4th lobe of teeth.



c) Fossa

→ 1) Fossa is irregular depression

2) There are various types of fossa name according they there location

e.g lingual fossa → lingual side of anterior teeth

central fossa → on the occulsual surface of posterior teeth.

2

2) Set traits of maxillary central Incisior

→ Set trait is the disnguishing between

primary teeth and ~~deciduous teeth~~ permanent secondary

~~(1) Maxillary central incisior is wider cervico-inc~~

(1) Permant maxillarly central incisior ~~is~~ have large length cervicoincisally where as decidous maxillary central incisior ~~is~~ is widest mesiodistal

(2) Permant maxillary central incisior is larger in overall dimension than ~~perman~~ decidous maxillary central incisior

(3) Permant maxillary central incisior is slightly yellowish in colour while decidous maxillary central incisior are whitish in colour

(4) Permanant maxillary central incisior possess a mamelons on incisal ridge where as there is no such mamelons on decidous incisors

(5) Permanant maxillary central incisor's pulp chamber & pulp horn is not very much wide as compared to decidous teeth having large & wide pulp chamber & horn

(6) Cingulum is more prominent ~~than~~ in permanant than decidous central incisor.

3) Mesial aspect of Permanent maxillary central Incisior

(1) From mesial view permanent maxillary central incisior is look like wedge shape.

(2) labial surface is smooth & straight & regular

③ Lingual surface is irregular having convexity & concavity.

a) Convexity → due to incisial ridge

b) concavity → due to lingual fossa

c) convexity → due to cingulum.



④ * The cervical line is semicircular with curvature towards incisal ridge & having diameter 3.5mm.

⑤ Root is conical in shape without any depression and groove.

2

4) Tooth Numbering System

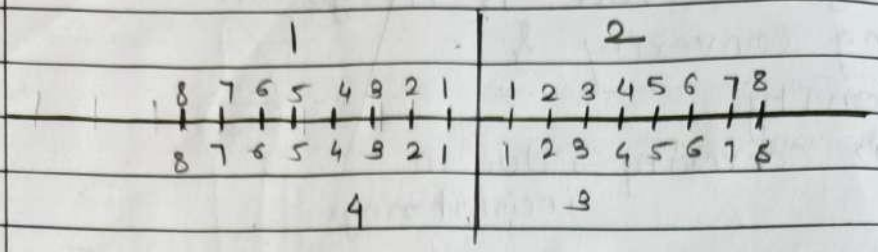
There are 3 main tooth Numbering systems :-

① Universal System (ADA)
② Federation Dentire Internationale (FDI)
③ Zingmondy / palmer system

② Federation Dentire Internationale (FDI)

→ FDI is the numbering system in which is numbering to the each quadrant ~~and each tooth of half~~

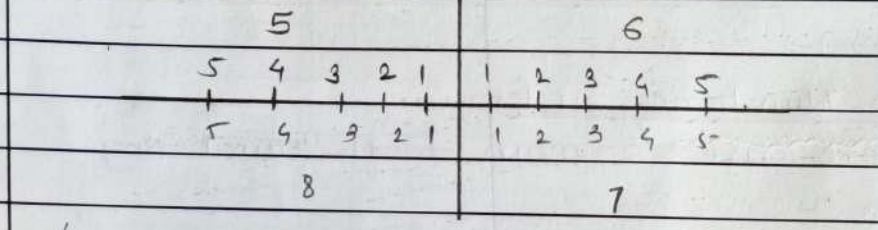
Ⓐ FDI in permenant teeth.



quadrant No. 1 → Right maxillary
2 → left maxillary
3 → ~~Right~~ left mandibular
4 → ~~left~~ Right mandibular

e.g. 14 → Permanent maxillary first pre-molar.

(B) FDI in decidous



quadrant No. 5 → Right maxillary
6 → left maxillary.
7 → left mandibular
8 → Right mandibular.

e.g. 55 → Decidous maxillary second molar.

Advantages → ① Easy to visualize & remember
② No symbols so ~~easy~~ conveinent of computers.

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Supplement Sheet

Name of the Student: Vidhate Ankita Nilkanth

Name of the Examination: 1st Internal Assesment Class: 1st BDS

Subject: Dental Anatomy & oral histology

Roll No.: 99 Date: 8/12/2018

Supplement No.: 1 Invigilator Signature:

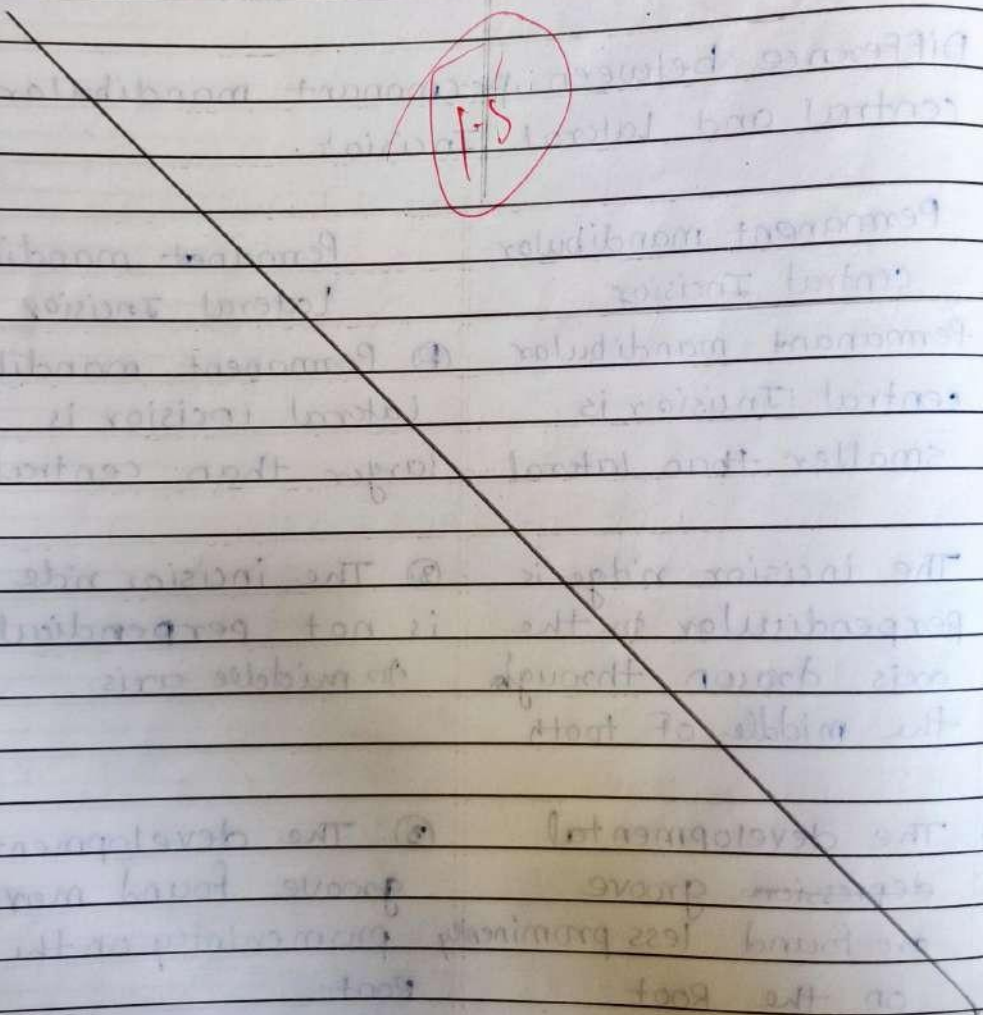
Dis advantages → ① Individual tooth does not have specific number

(2)

5) Difference between permanant mandibular central and lateral Incisior.

	Permanent mandibular central Incisior	Permanent mandibular Lateral Incisior
①	Permanant mandibular central Incisior is smaller than lateral.	① Permanent mandibular Lateral incisior is larger than central
②	The incisior ridge is perpendicular to the axis drawn through the middle of tooth	② The incisior ride is not perpendicular to middle axis.
③	The developmental ~~depression~~ groove are found less prominently on the Root	③ The developmental groove found more prominitey on the Root.

④ Overall central incisior is more symmetrical	④ Lateral incisior is unsymmetrical
⑤ central Incisior has mesial surface in contact with each other	⑤ Lateral Incisiors has mesial surface is in contact with central ~~inci~~ incisor
⑥ The cingulum placed in center	⑥ The cingulum is slightly curved distally



Per Morphology of permanent maxillary lateral incisiors.

Introduction

① Permanent maxillary lateral incisiors are two in number.

② They placed lateral to the central incisior

③ They ~~at~~ have a mamelons

④ They have more promient cingulum than mandibular lateral incisior.

⑤ Both mesiodncisial & Disto incisal angle ~~are~~ are rounded in lateral incisior where as in central ~~the~~ incisior has mesioincisal angle sharp than disto incisal.

function

① lateral incisior assist the function of central incisior like cutting the food, etc.

② They play very important role in speech

③ The very important function of lateral incisior is to guiding the posterior teeth of arch.

Notations

① FDI → 12 & 22

② ADA → 7 & 10

③ Palmer → $\frac{2}{1}$, $\frac{1}{2}$

Chronological Data

① First evidence of calcification = 10-11 months

② " Eruption = ~~4 & 5-6 yrs~~ 4-5 yrs.

③ Enamel completion → 8-9 yrs
④ Root completion → 11 yrs.

Aspects :-

① Labial Aspect

→ i) The lateral incisior has smooth & regular labial surface

ii) ~~The both~~ ~~mesiodistal~~ & ~~labiolingu~~ The mesio incisal & disto incisal angle are smooth

iii) cervical line is semicircular & convexity towards the apex of Rooth

iv) Root is conical but distally curved

② Lingual Aspect

→ i) Lingual surface of lateral incisor is irregular & ~~co~~ having convexity & concavity

ii) There are marginal ridges on incisially there is incisal ridge, on mesially there is mesial ridge & distally there is distal ride.

iii) At cervix there is convexity known as cingulum represent the fourth lobe.

iv) Root is conical from this Aspect also.

③ Mesial Aspect

→ i) On the mesial side, the incisial part is slightly ~~broade~~ broad.

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination 1st Internal Asstment Class 1st BDS

Subject DADH

Roll No. 99 Date 8/12/18

Supplement No. 2 Invigilator Signature

ii) Lingual surface is looking regular

iii) It looks like slightly a triangular shape

iv) ~~The~~ At cervical third cingulum is present

v) ~~curvature of cervi~~ cervical line is semicircular & convexity towards incisal surface

vi) Root is slender & tapering

④ Distal Aspect

i) Distal Aspect is mostly similiar to mesial Aspect

ii) As here the Root is tilted slightly towards distal surface.

⑤ Incisal Aspect

i) Incisal large bulky cingulum is appear

ii) Overally it look like oval shaped

iii) mesio incisal & Disto incisal angle is smooth & rounded

Arch Trait of Lateral Incisior

→ ① mesioincisial & distoincisal angles of permanant maxillary lateral incisior is curved & Rounded where as the mesioincisial & distoincisal angles of permanant mandibular lateral incisior is sharp

② The mandibular incisiors are curved inward ~~white~~ ~~to the~~ so that they can ~~fi~~ closed the both jaw.

③ Root mandibular lateral incisior is more lengthy or overall dimensionally mandibular lateral incisior are ~~a~~ larger than central incisior while the maxillary central incisior is larger the ~~an~~ maxillary lateral incisior

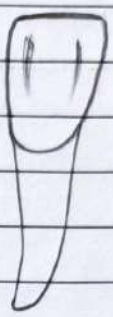
④ maxillary lateral incisior is wide mesiodistally while mandibular lateral incisior is wide labiolingually

⑤ developmental grooves are seen in lateral mandibular incisor's Root while there is not such groove on Root of ~~ta~~ maxilliary lateral incisior.

Permanent Maxillary lateral incisior (Left)



Labial Aspect



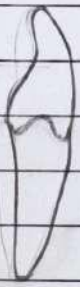
Lingual Aspect



Incisial Aspect



Mesial Aspect



Distal Aspect

Odontometric data of maxillary lateral incisior

1. Crown Length → 9mm
2. Root length → 13mm
3. mesiodistal length → 6.5mm
4. mesiodistal length at cervix → 5mm
5. Labiolingual length → 6mm
6. Libiolingual length at cervix → 5mm
7. Diameter of cervical line on mesial surface = 3mm
8. Diameter of cervical line on distal surface = 2mm

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Practical / Clinical Examination Answer Book

Examination

35/60

Sr. No.

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination 1st Internal Assistment (Practical) Class

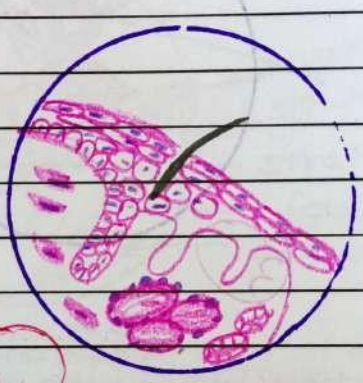
Subject Dental Anatomy & oral histology

Roll No. 99 Date 11/12/2018

Students Signature Vidhate "Seen No. Complaint" Vidhate

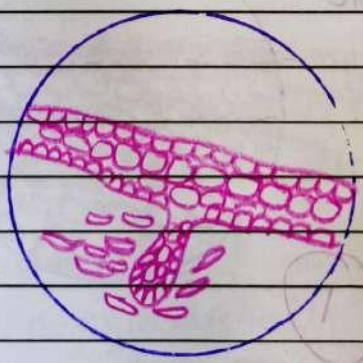
Slides	15	(35 marks)
Specimen	08	(25 marks)
Ca[illegible]ng	12	(20 marks)

1) surface of lip.



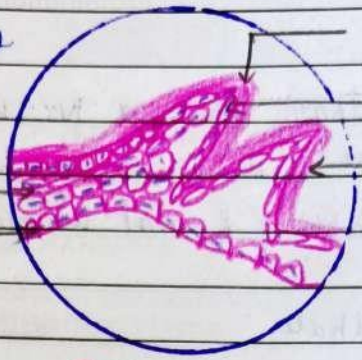
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2) Bud stage



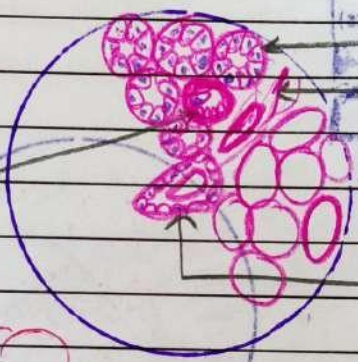
2

3) filiform papillae



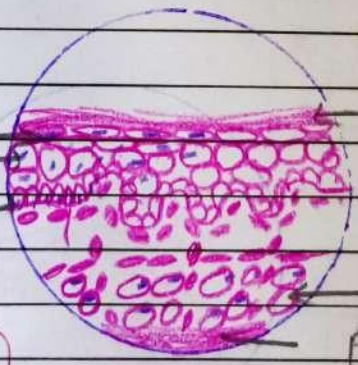
3

4) serous salivary gland



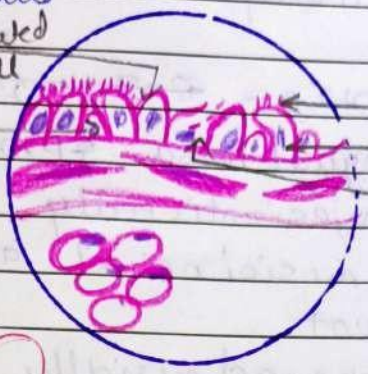
3

5) hard palate



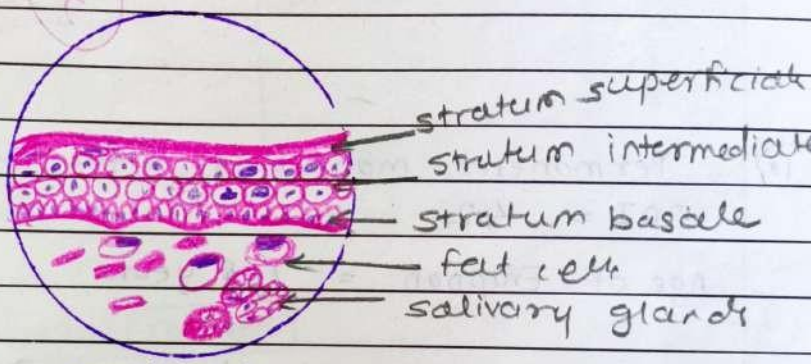
1

6) Maxillary sinus



3

7) Buccal mucosa



1

8) Permenent ~~mandibular~~ ~~maxillary~~ Right ~~central~~ lateral incisor

→ ① ~~mesio incisal angle~~ & distoincisal ~~is sharp~~ & ~~disto incised is rounded~~

FDI = 12

age of eruption = ~~7 to 8 years~~ 8-9 years

① prominent cingulum & lingual fossa. at lingually.

② mammelons are present so permenent tooth

③ Root is distally curved so lateral incisor

④ less wider mesiodistally

⑤ marginal ridges prominent.

3

9) Permenent max illary left central incisior.
FDI = 21
age of eruption = ~~8-9 years~~ 7-8 years
① deep lingual fossa & prominent cingulum
② wide mesiodistally
③ sharp mesioincisal angle.
④ conical root
⑤ wede shaped mesially
⑥ retangular labially

10)

3

10) Permanent mandibular Right Lateral incisior
FDI = 42
Age of Eruption = 7-8 years

1

① Cingulum of lateral incisior is slightly distally placed.
② There is small curvature to the root towards distal side
③ The incisial ridge slightly ~~o~~ tilted distally
④ on distal there is ~~to~~ twisted tooth
⑤ Both the incisal angle is sharp so it is mandibular
⑥ The crown does not bisect ~~the~~ line passing through center of ~~tooth~~.

2

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Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon Pune - 412105

Internal Assessment Examination

15/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do Not Fold The Answer Sheet.

WRONG	RIGHT
Ⓐ Ⓑ Ⓒ ●	Ⓐ Ⓑ ● Ⓓ

SEAT NO. IN WORDS	Ninety Nine
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	First Internal Assessment Examination
SUBJECT	Dental Anatomy & Dental Histology
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Avidhate
Candidate Signature

SEAT NUMBER

0	0	0	9	9

QUESTION BOOKLET VERSION NO.

A B D G M N P S U

ANSWERS

	A	B	C	D
1	●			
2	●			
3				●
4	●			
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30				

Seen and No. Complaint

Avidhate
Candidate's Signature

Dr Deepak
Examiner Name & Signature

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

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2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

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TO BE FILLED BY THE STUDENT

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination II Internal Assessment Exam. Class I B.D.S.

Subject Dental Anatomy & Oral histology

Roll No. 99 Date 9/2/2019

Ans. sheet	Suppli	Total
1	2	3

Pledge

I hereby declare that I have gone through the instruction given above & pledge to abide by them.

Vidhate

Signature of Candidate

Rex

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											11.00
Marks obtained in Section B	1.5	1.5	1.5	1.5	1.5	4.5					12.00
Marks obtianed in Section C	1.5	1	1	1	1	6.5					12.00
Grand Total											35/60

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Dr Deepa

Name & Signature of Subject Teacher

Dr Deepa

Name & Signature of IC / H.O.D.

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Internal Assessment Examination

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SECTION A

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WRONG: (X) (B) (C) ● RIGHT: (A) (B) ● (D)

SEAT NO. IN WORDS	Ninety Nine
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	II Internal Assessment Examination
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Invigilator's Signature

Avidhate

Candidate Signature

SEAT NUMBER

0	0	0	9	9
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	●	●
●	●	●	0	0

QUESTION BOOKLET VERSION NO.

A	(A)	1	1	1
B	(B)	2	2	2
D	(D)	3	3	3
G	(G)	4	4	4
M	(M)	5	5	5
N	(N)	6	6	6
P	(P)	7	7	7
S	(S)	8	8	8
U	(U)	9	9	9
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ANSWERS

	A	B	C	D		A	B	C	D		A	B	C	D
X 1	(A)	(B)	●	(D)	11	●	(B)	(C)	(D)	21	(A)	(B)	(C)	(D)
2	(A)	(B)	(C)	●	X 12	(A)	●	(C)	(D)	22	(A)	(B)	(C)	(D)
3	(A)	(B)	(C)	●	13	(A)	●	(C)	(D)	23	(A)	(B)	(C)	(D)
X 4	(A)	(B)	●	(D)	14	(A)	(B)	(C)	●	24	(A)	(B)	(C)	(D)
5	(A)	(B)	(C)	●	X 15	(A)	●	(C)	(D)	25	(A)	(B)	(C)	(D)
X 6	●	(B)	(C)	(D)	X 16	(A)	(B)	(C)	●	26	(A)	(B)	(C)	(D)
7	(A)	(B)	●	(D)	X 17	●	(B)	(C)	(D)	27	(A)	(B)	(C)	(D)
8	(A)	(B)	●	(D)	18	●	(B)	(C)	(D)	28	(A)	(B)	(C)	(D)
X 9	(A)	(B)	(C)	●	19	●	(B)	(C)	(D)	29	(A)	(B)	(C)	(D)
10	(A)	(B)	(C)	●	20	(A)	●	(C)	(D)	30	(A)	(B)	(C)	(D)

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Dr. Pratap

Examiner Name & Signature

Section B.

I.

1. Cemento-enamel junction

Ans:- There are three types of cemento-enamel junction:-

a) Cementum overlaps ~~end~~ enamel:-

About 60% found in teeth. In this the cementum is grow later on enamel

b) Edge to edge :-

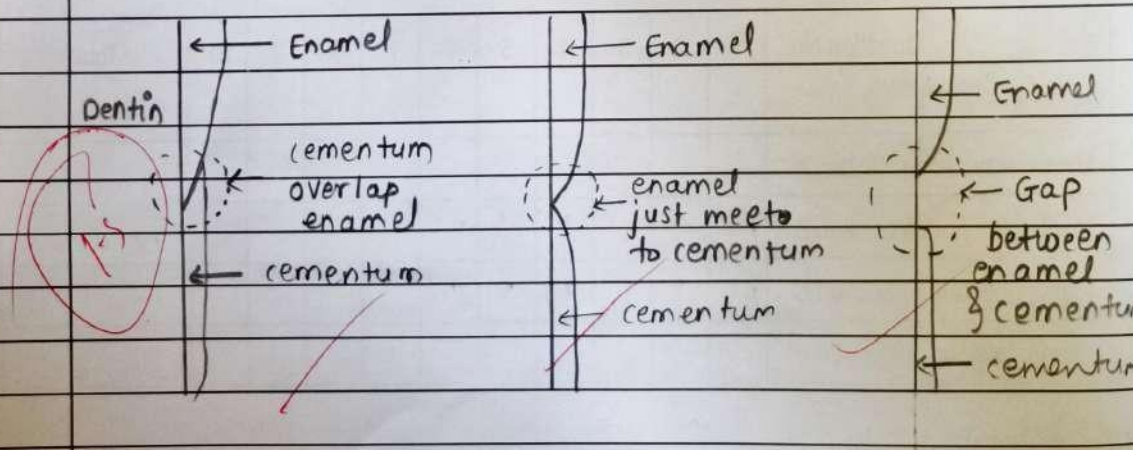
That is, cementum just meet to ~~dentin~~ enamel

About in 30% teeth it is found.

c) Gap between cementum and enamel.

In 10% teeth it is found. There is gap between cementum & enamel. Due to this gap the dentin in that area exposed which causes sensitivity

a) b) c)



In very rare cases, Enamel also overlapped the cementum.

2. Classification of dentin

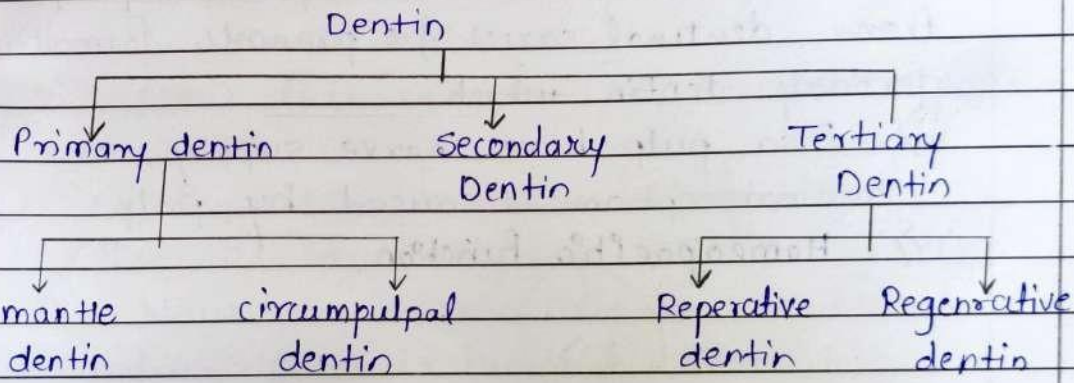
Dentin is dassified as follows:-

a) According to function

i] Primary dentin :-
It is formed before the formation of Root & It is again divided into mantle dentin & circumpulpal dentin

ii] secondary dentin:-
It is formed after the root formation.

iii] Tertiary dentin:-
It is also known as regenerative dentin. It form when there is caries or attrition, etc.



b) According to position.

i] peritubuler dentin
ii] Intertubular dentin
iii] Intratubular dentin

c) According to formaing pattern

i] Interglobular dentin
ii] Globular dentin.

Hypocalcified structures of dentin

i) Dead tracts

ii) Sclerotic dentin

iii) Incremental line of von ebner.

iv)

1:)

3. Functions of pulp

i) Nutritive function:-

As pulp having vascular supply, it provide nurition to other tooth organs

ii) Protective function:-

Pulp contain cell rich zone in which there are defense cells which helps the pulp from dentinal caries & promote formation tertiary dentin ~~which~~

iii) Also pulp have nerve supply, so proprioreception is caused by pulp.

iv) Homeopoeitic function.

1:)

Age changes pulp

i) As the age increases the ~~cells in~~ cellular component in the pulp decrease.

ii) but fibrous are increase.

iii) Also size of dentin is increase which reduce ~~size~~ of pulp & size of apical formena.

iv) Due to reduced size of dentin, there is difficulty in root canal treatment.

4. Cementogenesis:-

i) When the radicular dentin start formation it stimulates Hertwig's Epithelium Root Sheath cell ~~which~~

ii) There is fragments of HERS cell which breakdown and start forming cementoblast

iii) During these there is formation of Hyaline layer ~~have well granules~~ Hopwell Smith which is known as intermediate cementum, it does not contain any cementocyte.

iv) Cementoblast is covered by matrix to forms ~~canaliculi~~ lacunae

v) Now the cementocyte is formed from cementoblast.

vi) Now this cementocyte starts depositing cementum.

vii) Cementum is thick at apically & thin at cervically.

ix) Now the cementum is modified according to their function like for anchorage or adaptation

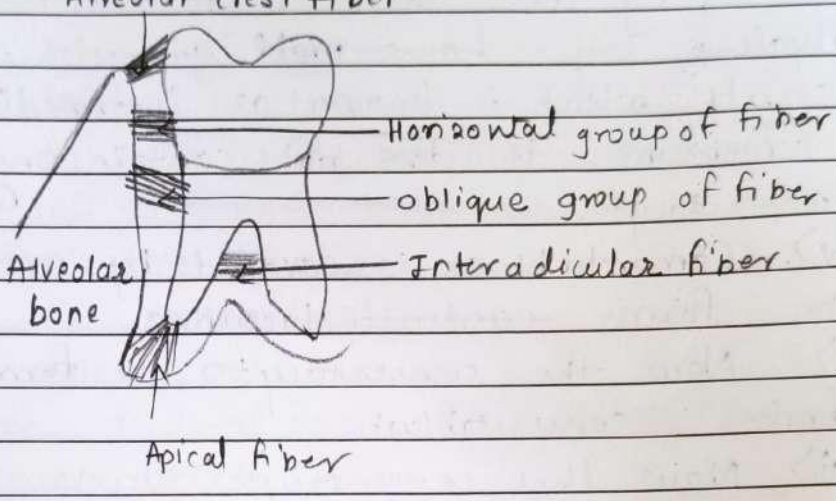
x) cementocyte is similar to osteocyte but direction of ~~cementocyte~~ canaliculi ~~in~~ of cementocyte is only in direction of periodontal ligament because of nutrition supply.

1-5



cementocyte

5. 1) Principal group of fiber
   a) Apical fiber
   b) oblique fibers
   c) Horizontal fibers
   d) Alveolar crest fiber
   e) interadicular fiber



2) Gingival group of fiber.
   a) Dentogingival group of fiber
   b) Alveolar gingival group of fiber
   c) Dentoalveloar group of fiber
   d) Transeptal group of fiber

1.5

II.

6. Enamel :-

Properties

i) Enamel is toughest tissue in all human body

ii) It is transclucent & allows the light to pass through it.

iii) It is made of 97% of Inorganic material

iv) It forms only once in life

v) It is outermost tissue of teeth which is ~~to~~ hard & brittle.

Microscopic structures of enamel:-

i) Gnarled Enamel:-

At the tip of the teeth all enamel rod are interconvolulated to form Gnated enamel

ii) Enamel Rod :-

Enamel Rod is functional component of enamel it is in key hole pattern

iii) Enamel tufts.

This are grass like extension from Dentioenamel Junction towards the surface of enamel.

iv) Enamel lamella.

This are leaf like structure which

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extends from enamel surface towards Dentinoenamel Junction.

v) Enamel spindle :-

This are odontoblastic process which entes from dentin to enamel.

vi) Neonatal line :-

This are differentiated lines between enamel forms before birth & after birth

Life cycle of Ameloblast :-

1) Ameloblast are enamel forming cell. The life cycle of Ameloblast are known as Amelogenesis.

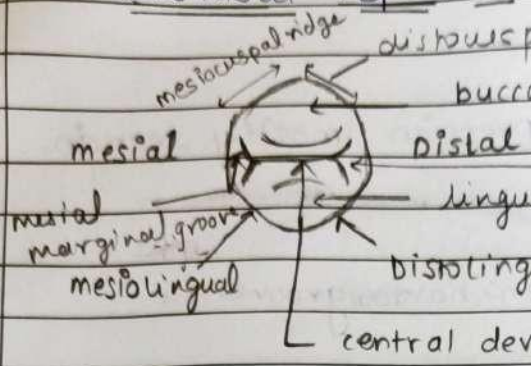
2) steps involved in Amelogenesis are as follows

i) Morphogenic Stage
ii) Organization Stage
iii) Secretory stage
iv) formative stage
v) Degenerative Stage.

Section C

III

1. Occlusal Aspect of maxillary first premolar



i) From occulsual aspect maxillary first premolar is hexagonal in shape
ii) It has mesial cuspal ridge, Distal cuspal ridge, mesial border, distal border, mesiolingual ridge, distolingual ridge
iv) Buccal cusp is larger than lingual cusp
v) There is central developmental groove
vi) Also it has triangular fossa on mesial & distal side
vii) on Mesial side there is mesial marginal groove
viii) Lingual tapering also seen from occlusal aspect
ix) ~~mesial~~ Mesial slope is greater than distal slope. 1:5

2. i) Groove

Groove is ~~de~~ narrow depression between to elevations

2) pit :-

It is pinpot pinpoint depression which is mostly seen in occulsual aspects of posterior teeth.

3) Sulcus :-

It is broad depression mostly seen on the roots

4) fissure :-

It is also a sharp narrow groove.

3. Arch Trait :-

1) Permanent canine :-

a. maxillary canine has small crown & large root

b. mandibular canine has small root & large crown

b. The lingually all the variations are clear in maxillary canine where as in mandibular canine the lingual aspect is not very clear.

c. maxillary canine having root which is conical tapering where as mandibular canine having root which is conical tapering but distally curved

2) Mandibular first premolar :-

a. Mandibular first premolar has not well developed lingual cusp which is molar like cingulum. So it is known as rudimentary cusp. where as in maxillary first premolar both the cusps are well developed.

b. Mandibular first premolar is single rooted while maxillary first premolar has two roots

c. The occulsal surface of mandibular first premolar is oval in shape while the occulsual surface of maxillary first

premolar is hexagonal in shape. (1)

4. Theories of Eruption:-
1) Root completion theory / Root Pressure theory
2) Dental follicle theory
3) Vascular pump theory.
4) Periodontal ligament traction theory
5) Bone resorption.

But the eruption is never depends on single factor it is multifactorial All the above theories affects the formation of Eruption of tooth. (1)

5. Theories dentinal sensitivity:-
1) Direct neurlation theory:-
The caries or bacterial attack to the dentin leads to pain because the nerve ending are present near the dentin.

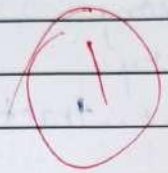
2) Hydrodynamic theory:-
Dentinal tubules contains dentinal fluid which around the odontoblastic process. The vibrations produced in this fluid causes the pain in tooth Due to attrition this fluid is washed out & the air is filled in the that tubules which leads to formation of dead tracts which further mineralize to form sclerotic dentin & it is most

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accepted theory of dentinal sensitivity.

3) Transduction Theory :-

~~These :-~~



Supplement Sheet

Name of the Student Ankita N. Vidhate
Name of the Examination II Internal examination Class I BDS.
Subject Dental Anatomy & oral histology
Roll No. 99 Date 9/2/19.
Supplement No. I. Invigilator Signature

IV

6. Permanent mandibular second premolar

1) There are 4 permanent mandibular premolar
2) out of that two are second premolar
3) second premolar is most likely to a premolar.
4) second premolar is situated in between mandibular first premolar & mandibular first molar.
5) second premolar is more developed than first premolar.

Functions :-

Mandibular second premolar mostly involved in mastication.

Notations :-

FDI = 35 , 45

There are two types of mandibular 2nd premolar

1) 3 cusp type
   → one buccal cusp.

— 2 lingual cusp.

2) Two cusp type
— having one buccal & one lingual cusp.

~~Aspect~~

Chronological data

first evidence of calcification - 2 - 2½ yr.
Enamel completion = 6-7 yrs.
Eruption = 10-11 yrs
Root completion = 13-15 yrs.

odontometric data.

1) Crown length = 8mm
2) Root length = 14.5 mm.
3) mesiodistal length = 7 mm
4) mesiodistal length at cervix = 5 mm
5) ~~tab~~ Buccolingual length = 8 mm
6) Buccolingual length at cervix = 6.5 mm
7) mesial diameter = 1mm
8) distal diameter = 0.mm.

Aspects.

1) Buccual aspect

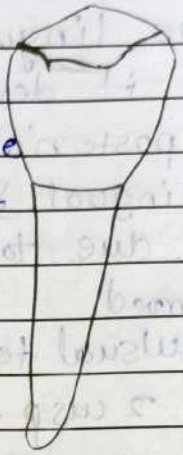
→ a) cervical line is semi-circular.
b) Root is tapering
c) Crown has mesial slope & distal slope.
d) The crown is formed from 4 or 5 lobes



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Out of that 3 are anterior and middle one is more well developed
e) Nearly pentagon in shaped.

2) Lingual Aspect
a) lingual tapering is not very prominent.
b) Buccal cusp is visible
c) mesial & Distal outline is convex.
d) cervical line is semicircular.

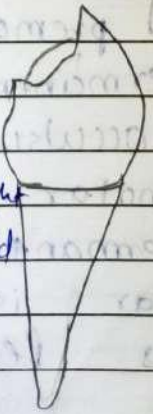

LINGUAL

3) Mesial Aspect
a) Buccal cusp is larger than lingual cusp.
b) mesial marginal groove is visible.
c) Buccal outline is convex smoothly.
d) cervical line is slightly semicircular.
e) mesiolingual cusp is visible


MESIAL

f) occulsal table is wide

4) Distal Aspect
a) Distolingual cusp is visible
b) cervical line is straight
c) In general trapezoid in shape.
d) Buccal outline is convex.


DISTAL

e) Mostly similar to mesial Aspect.

5) Occulusal Aspect

i) 3 cusp type



a) One buccal cusp &
2 two lingual cusp.
when it developed from 5 lobes
the posterior two lobes forms the
mesiolingual & distolingual cusp.
b) So due to this 3 cusp Y shaped depression
is formed
c) occulsual table is very wide

ii) 2 cusp type



a) only two cusps are
seen when ~~the~~ it
developed from four lobes
the posterior lobe form lingual cusp
b) There is central developmental groove
c) Also triangular fossa is also
~~abso~~ observed on mesially & distally
d) It give it H-shaped appearance

Type Traits of permanent mandibular second premolar.

1) permanent mandibular second premolar is occulsual wider than first premolar ~~&~~
2) Permanent mandibular second premolar is developed from 4 or 5 lobes Permanent ~~maxilla~~ mandibular

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Subject DADH

Roll No. 99 Date 9/2/19

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first premolar is developed from 4 lobes.

3) There are two lingual cusps ~~are~~ in second premolar ~~while one cusp in~~ when it developed from 5 lobes where as only single lingual cusp present in mandibular First premolar.

4) The both all cusps of mandibular ~~first~~ second premolar are well developed where as lingual cusp of mandibular first premolar is rudimentary is more like cingulum

5) Occulsally mandibular second molar is more likely to hexagonal shape where as first premolar is oval in shape.

6.5

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Practical / Clinical Examination Answer Book

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Examination

Sr. No.

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination II Internal - Practical Exam Class I BDS

Subject Dental Anatomy & Dental Histology

Roll No. 99 Date 12-2-19

Students Signature Vidhate "Seen No. Complaint" Vidhate

Slides	20	(35 marks)
Specimen	09	(25 marks)
Viva	12	(20 marks)
Journal + Communication Skills (10 marks)		

1)



~~Dead~~
Ground section
Enamel
Dentin
Dead tracts
Neonatal line
DEJ

2

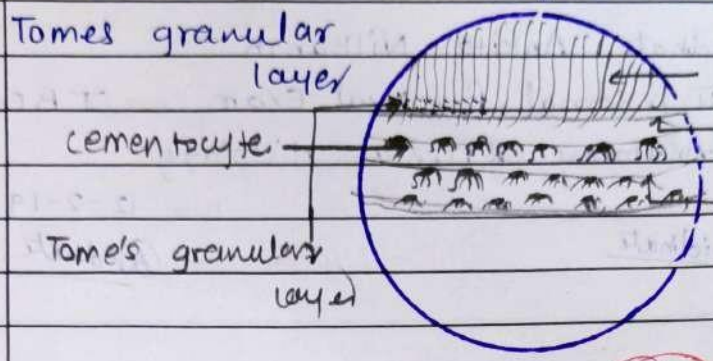
2) H & E stained

~~2~~) Interradicular fibers of PDL



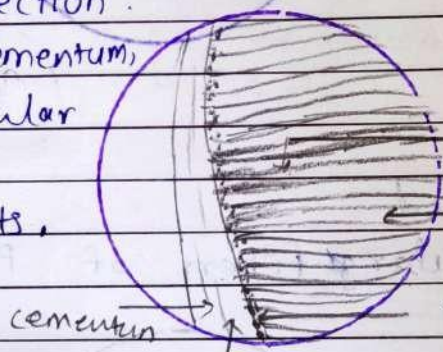
3

3) Ground section
cellular cementum & Incremental line of salter



3

4) Ground section.
Acellular cementum,
Tome's granular layer
Dead tracts.
Dentin



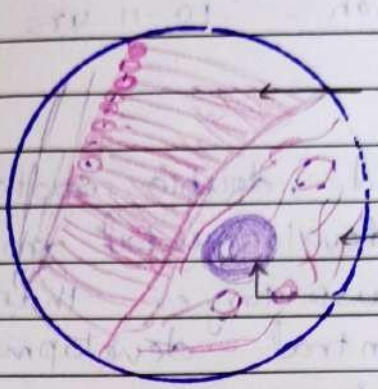
3

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5) H & E stained free false denticles

pulp

dentin



3

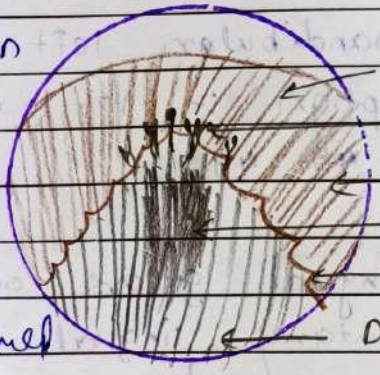
6) Ground section

Enamel spindle

Dead tracts

Dentinoenamel junction

dentin & enamel



3

7) Ground section

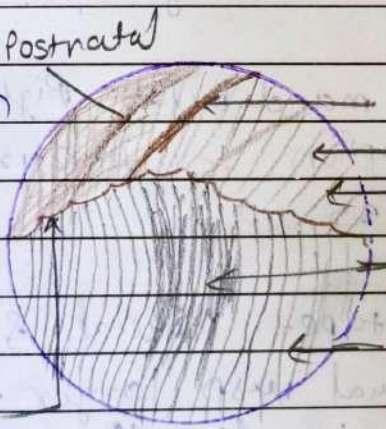
Dead tracts

Enamel

dentin

DEJ

Neonatal line



3

8) Permenat maxillary left premolar 1st premolar
Age of eruption - 10-11 yrs
FDI - 24
key feat:-
1) Bifurcated, double rooted
2) mesial developmental groove
3) Buccal cusp larger than ligual cusp
4) Deep central developmental groove & triangular fossa.

3

9) Permenent mandibular left 1st premolar
Age of eruption :- 10-12 yrs.
FDI - ~~45~~ 44
key feat:-
1) mesio lingual groove on lingual site
2) Rudimentary lingual cusp.
3) Single rooted
4) No prominent lingual anatomy
5) Broad labiolingually.

3

10) Permenant mandibular Right 2nd premolar
Age of eruption :- 11-12yrs
FDI - 35
key feat:-
1) 3 cusp type- 1 buccal & 2 lingual
2) mesilingual cusp larger than disolingual
3) Root is distally tilted
4) wide occusal table
5) ~~5~~ pits are prsend occusally.

3

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

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TO BE FILLED BY THE STUDENT

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination III Internal Assessment Exam Class I B.D.S

Subject Dental Anatomy & oral histology

Roll No. 99 Date 5/4/2019

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Avidhate

Signature of Candidate

Ans sheet = 1
suppli = 1
No. (2)

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											15/20
Marks obtained in Section B	1.5	1.5	1.5	1.5	0	4					10/25
Marks obtained in Section C	0	2	1.5	1.5	2	7					14/25
Grand Total									Viva		08/10

47/80

Seen & No. Complaint

Avidhate
Student's Signature

Dr Deepak
Name & Signature of Subject Teacher

Dr Deepak
Name & Signature of IC / H.O.D.

D Y PATIL DENTAL SCHOOL

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Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Internal Assessment Examination

15/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) ● RIGHT (A) (B) ● (D)

SEAT NO. IN WORDS	Ninety Nine
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	III Internal Assessment Examination
SUBJECT	Dental Anatomy & oral histology
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Avidhate

Candidate Signature

SEAT NUMBER

0 0 0 9 9

QUESTION BOOKLET VERSION NO.

A

ANSWERS

	A	B	C	D
1	Ⓐ	Ⓑ	●	Ⓓ
2	●	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	Ⓑ	●	Ⓓ
4	Ⓐ	Ⓑ	Ⓒ	●
5	●	Ⓑ	Ⓒ	Ⓓ
6	●	Ⓑ	Ⓒ	Ⓓ
7	Ⓐ	Ⓑ	●	Ⓓ
8	Ⓐ	●	Ⓒ	Ⓓ
9	●	Ⓑ	Ⓒ	Ⓓ
10	Ⓐ	Ⓑ	Ⓒ	●
11	Ⓐ	Ⓑ	Ⓒ	●
12	Ⓐ	Ⓑ	Ⓒ	●
13	Ⓐ	●	Ⓒ	Ⓓ
14	●	Ⓑ	Ⓒ	Ⓓ
15	Ⓐ	Ⓑ	●	Ⓓ
16	●	Ⓑ	Ⓒ	Ⓓ
17	●	Ⓑ	Ⓒ	Ⓓ
18	Ⓐ	Ⓑ	Ⓒ	●
19	Ⓐ	●	Ⓒ	Ⓓ
20	Ⓐ	●	Ⓒ	Ⓓ
21	Ⓐ	Ⓑ	Ⓒ	Ⓓ
22	Ⓐ	Ⓑ	Ⓒ	Ⓓ
23	Ⓐ	Ⓑ	Ⓒ	Ⓓ
24	Ⓐ	Ⓑ	Ⓒ	Ⓓ
25	Ⓐ	Ⓑ	Ⓒ	Ⓓ
26	Ⓐ	Ⓑ	Ⓒ	Ⓓ
27	Ⓐ	Ⓑ	Ⓒ	Ⓓ
28	Ⓐ	Ⓑ	Ⓒ	Ⓓ
29	Ⓐ	Ⓑ	Ⓒ	Ⓓ
30	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Seen and No. Complaint

Avidhate

Candidate's Signature

Examiner Name & Signature

Section B.

I.

① → i) Submandibular gland, sublingual gland and paraotid gland are major salivary gland.

ii) Paraotid gland is serous salivary glands, it is largest salivary salivary gland. The salivary duct of paraotid gland is stenson's duct which opens at upper molar region.

iii) Sublingual salivary gland is mucous salivary gland. The salivary duct of sublingual gland is Bartholin's duct which mostly open below the tongue.

iv) Submandibular salivary gland is mixed salivary gland. The duct of this gland is Wharton's duct which open mostly on lingual aspect of mandibular jaw.

1½

② → Functions of pulp:-

1. Protection
2. Defensive mechanism
3. formation
4. Innervation
5. Nutrition.

1½

Pulp is developed from 4 cellular zone

1. odontoblastic region
2. cell free zone (anuclear zone)
3. cell rich zone.

(4) Pulp core.

(3) → Theories of Eruption.

Eruption is multifactorioral process.

Theories of Eruption are as follows:-

1) Root formation Theory

formation of root stimulates the eruption of tooth in oral cavity

2) PDL traction Theory (Periodontal Ligament)

Changes in direction of PDL fibers promotes or push the to inside oral cavity. Anchorage is main function of periodontal ligament

3) Bone remodelling Theory:-

formation of bone stimulates the crown of tooth to enter in oral cavity

Another many factors affect the eruption of tooth in oral cavity.

(4) Root formation.

1) At the cervical loop, there is Hertwig's epithelial root sheath.

2) When radiular pulp get formed it comes in contact with Hertwig's epithelial root sheath.

3) This radicular dentin stimulates the cells of HERS.

4) This cells of HERS starts forming odontoblast which again undergoes differentiation to form cementoblast this cementoblast start secreting the cementum around the radicular dentin.

(5) → Reduced Enamel Epithelium

II.

6. Oral mucous membrane.

The moist lining of oral cavity is known as oral mucous membrane

Classification of oral mucous membrane

a) based on function.

1) Masticatory mucosa
e.g. Hard palate, gingiva

2) Lining mucosa
e.g. cheek mucosa.

3) Speacial mucosa
e.g. dorsal part of tongue.

b) Based on Histology.

1) Kertanized mucosa.
e.g. Hard palate, gingiva

2) Non kertanized mucosa.
e.g. Cheek mucosa.

3) Specialised mucosa.

Development and structure of hard palate

1) Hard palate developed 10-11 weeks in intra uterine life.

2) Initial it is divided into two halves but lateral on it get fused by intermaxillary suture

3) Hard palate has irregularities like rugae

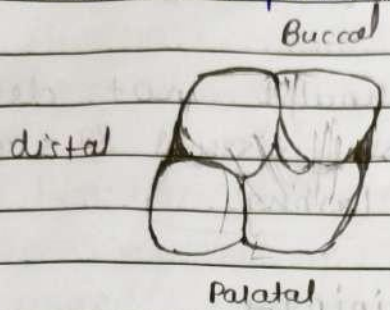
4) Hard palate is mostly used during mastication, so it has masticatory mucosa

5) Hard palate has keratanized epithelium.
6) Hard palate is ortho keratinized in Natur.

Section: C

III

2. Occlusual aspect of maxillary 1st molar



① Maxillary 1st molar is made up of four cusp
② Occulsually it is rhomboid in shape.
③ The mesiolingual cusp is largest cusp.
④ Then the Bucco-distal is second largest cusp & mesio buccal is third laragest cusp.
⑤ The smallest cusp is disto lingual cusp.
⑥ The mesiolingual cusp ~~is~~ forms oblique ridge with ~~Bucco~~distal disto buccal cusp & transverse ridge with mesio buccal cusp
⑦ Also there is mesial & distal marginal ridges
⑧ And 4 triangual ridges related to 4 triangual cusp.
⑨ then there is buccal & lingual groove. and central developmental groove.
⑩ Then there is mesial & distal triangular fossa.

3. Principles of staining :-

Staining is done to identify the different types of cells during examination.

Staining should not destroy the actual structure tissues & staining should be long lasting.

Uses of PAS staining →

Periodic Acid stain.

① It is speacial stain

② It is used to determining the fungal infection.

③ It is used to stain sections of salivary glands.

1.5

4. Leeway space

① As the all deciduous teeth are wider mesiodistally as compared to permanent teeth.

② The leeway space mostly seen in mixed dentition.

③ As there is shedding of deciduous tooth so space is large but the successive permanent tooth is small mesio distal

④ so there is gap presents between the teeth.

⑤ This gap is known as leeway space

(6) After the emption of permanent tooth this all spaces get filled
(7) So leeway space is not any anumoly.

~~5. Fixa~~

5. Fixation:-
(1) Fixation is step during tissue processing during which the autolysis removed tissue is prevented.
(2) During fixation the environment of oral cavity is provided to exposed tissue. so it coill not degenrated.
(3) 40% formalin is most commonly used fixator.
(4) Also there is thermal fixator, which is cheap & readily available. but they can harm the tissues
(5) Also there is cytological. Histological & morphological are different types of fixators used for fixation of cells in tissue
(6) fixation is most important stage in tissue processing
(7) Some times it done by alcohol also.

1. Embrasures :-

II Permanent mandibular first molar.

→ ① Mandibular first molar is largest tooth in mandibular arch

② It is placed between mandibular ~~second premolar &~~ second premolar & second molar.

③ It is developed from five lobes

④ Mandibular first molar is wider mesiodistally than maxillary first premolar

Function:-

Molars are mostly used in purpose of mastication.

Notations :-

① ~~ADA~~ → 19, 30.

② FDI → 36, 46

③ Zeigmondy - Palmar → $\frac{6}{6}$

Chronological Data

first evidence of calcification → At birth

enamel completion → 2½ yrs

Eruption → 6-7 yrs

Root completion → 9-10 yrs.

Odontometric Data

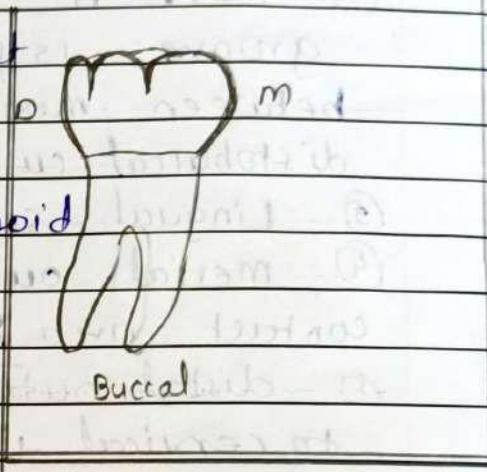
Crown length = ~~7mm~~ 7.5 mm

Root length = 14 mm

mesiodistal dimension = 11 mm
mesiodistal length at cervix = 10 mm
Buccolingual length = ~~11 mm~~ 9 mm
Buccolingual length at cervix = ~~10 mm~~ 8 mm
curvature of cervical line mesial = 1 mm
curvature of cervical line distal = 0 mm

Aspects.

① Buccal Aspect



(a) From buccal aspect crown is trapezoidal in shape where as short side of trapezoid is cervically.

(b) All the Five cusp are visible from buccal aspect

(c) There is mesiobuccal & distobuccal developmental groove

(d) Buccally there is 3 cusps mesiobuccal cusp which is largest cusp, distobuccal & distal cusp.

(e) The mesial outline is convex till the mesial contact area and then straight cervically.

(f) The distal outline is convex from occlusion to cervical line.

(g) The cervical line is almost straight.

(10) The mesial & distal root is visible from buccal aspect

(11) mesiobuccal Root is slightly border & contains 2 ~~Root~~ Pulp canals in mesiobuccal

(2) ~~Distal~~ Lingual Aspect



(1) There is two cusp prominentaly visible mesiolingual & distolingual
(2) There is ~~Of~~ Lingual groove is present in between mesiobuccal & distobuccal cusp.
(3) Lingual surface is smooth.
(4) mesial outline is convex till mesial contact area & then straight
(5) distal outline is convex from occlusion to cervical line
(6) mesial contact are is at ~~at~~ junction ~~mesial &~~ of occlusion and middle third when as distal contact area is at middle third.
(7) mesial & distal roots are visible from ~~palatal ared~~ lingual aspect.

(3) Mesial Aspect



mesial.

(1) Crown is trapezoidal in shape from mesial aspect
(2) mesiobuccal & mesiolingual cusp are visible from mesial view

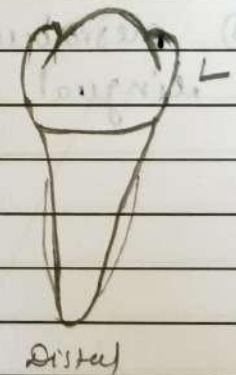
Supplement Sheet

Name of the Student Ankita Nilkanth Vidhate
Name of the Examination III Internal Assessment Class I BDS
Subject Dental Anat & oral Histo.
Roll No. 99 Date 5/9/19
Supplement No. (1) Invigilator Signature

③ mesial marginal ridge is visible
④ Buccal outline is slightly convex & lingual outline is straight
⑤ only mesial root is visible from mesial aspect.
⑥ This root contains two pulp canals
⑦ Root is conical in shape.

④ Distal Aspect

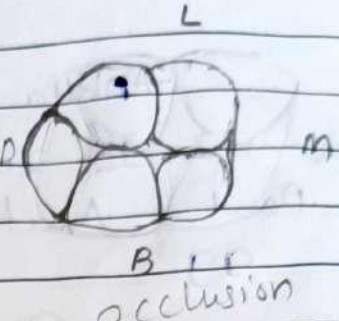
① Distally crown is traperoidal in shape
② prominent distal cusp is visible from distal aspect
③ disto lingual & mesio-lingual cusps are also visible from distal aspect
④ As Distal root is smaller than mesial root it is seen from distal aspect
⑤ contact area is at middle third, cervical line is almost straight



(5) Occlusual Aspect

(1) As the mandibular first molar developed from five lobes, five cusps are visible

(2) Occlusally it is Rhomboid in shape.



(3) mesiobuccal, distobuccal, mesiolingual &, distolingual and distal cusp are visible from occlusual aspect.

(4) Also there is mesial marginal ridge and Triangular ridges associated with each cusp.

(5) then there is mesial fossa, distal fossa and central fossa also.

(6) Sometimes central pit is also present

(7) Central developmental groove is also seen occlussally.

(8) mesiobuccal & distobucal grooves & lingual groove is also visible

set Traits.

① The decidious ~~first~~ ~~pern~~ mandibular molar is overall smaller in size than permanent mandibular first molar.

② The occlusual Anatomy is well developed in permant molar as compared to decidious molar.

③ Pulp chambers are more wider in decidious mandibular first molar than permanant molar

④ Root is nearly twice the length of crown is permanant molar.

⑤ Two pulp canal is present in mesiobuccal ~~root~~ root. in permanant mandibular 1st premolar.

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Practical / Clinical Examination Answer Book

Examination

48/80

Sr. No.

Name of the Student Vidhate Ankita Nilkanth

Name of the Examination III Internal Exam Class I BDS

Subject Dental Anatomy & oral histology

Roll No. 99 Date 9/9/19

Students Signature Avidhate "Seen No. Complaint" Avidhate

Slides	21	(35 marks)
Specimen	15	(25 marks)
Charting	12	(20 marks)
Journal + Communication Skills (10 marks)		

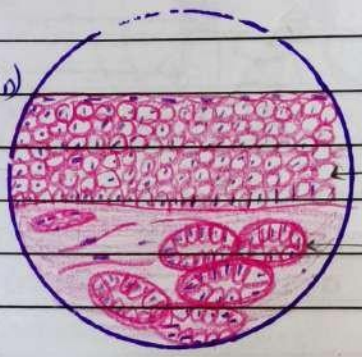
48

① PAS stain

(Periodic Acid stain)

Speacial stained

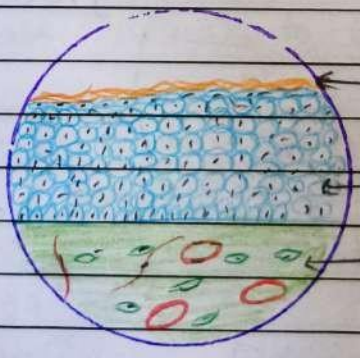
3



② Mallory stain.

speacial stain.

3

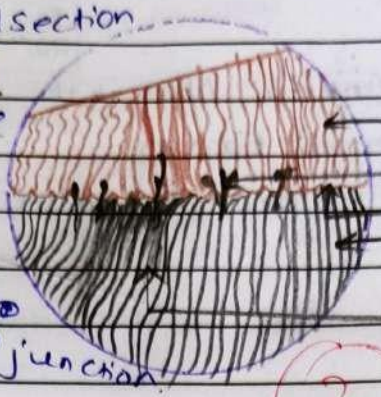


(3) Groundsection

① Enamel spindle

② Dead Tracts

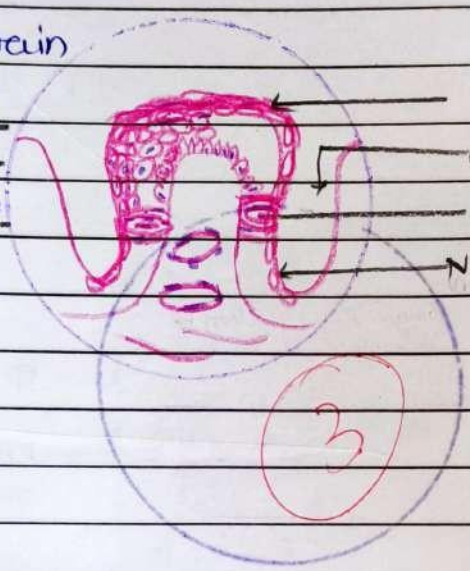
③ Dentino enamel junction



3

(4) H & E stain

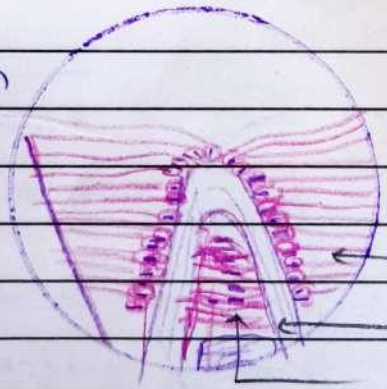
Circum vallate papillae



3

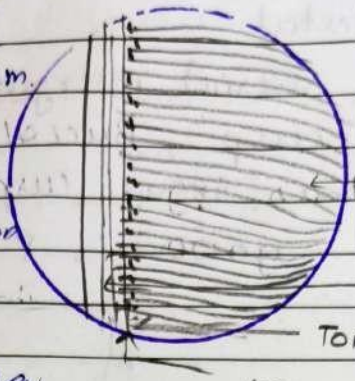
(5) H & E Stain

* Interadicular group of PDL fiber



3

⑥ Ground section

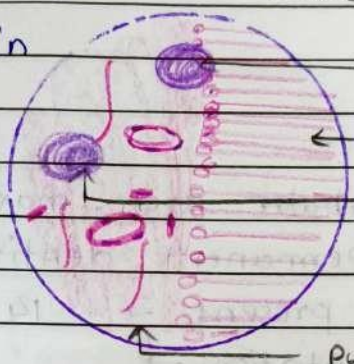


(3)

① Acellular cementum.
② Dentin
③ Cementodentinal junction
④ Tomes granular layer

⑦ H & E stain

False pulp stone :-
Attached & free.



(3)

⑧ Arch :- maxillary Arch.
Dentition :- Primary dentition.
No of teeth present :- 10
Teeth representation :-

E D C B A | A B C D E

Age of cast :- 2½ to 6 yrs.

Overall small sized arch, all the teeth are smaller in size & mesiodistally wide

(3)

⑨ Permanent maxillary Right first premolar.
FDI → 14
Age of eruption → 10-11 yrs

(9) (1) It has 2 Root one buccal & one palatal.
(2) It has mesial marginal ridge
(3) Two cusp., Buccal cusp is
(4) larger than lingual cusp.
(4) central groove is present.
(5)

3

(10) Arch → ~~mandibular arch~~. maxillary arch
Dentition → permanent dentition
No. of teeth present → 14
Teeth representation →

7 6 5 4 3 2 1 | 1 2 3 4 5 6 7

Age of cast → 12 to 14 yrs
Identification:-
~~All the~~ + All teeth are large in size and well developed anantomy therefore it is permananet dentition.

3

(11) Permanent maxillary Right second molar.
FDI Notation :- 17
Age of Eruption:- 12 to 13 yrs

3

Key features :-
~~Developed from~~
(1) 3 Roots are present

(2) palatal root tilted mesially
(3) cusp of carabelli is absent
(4) four cusp is present.

(12)

(12) Arch → maxillary Arch
dentition → mixed dentition.
No of teeth → present → 12
Teeth Representation =

6 E D C B A | A B C D E 6

Age of Eruption → 6 & - 12 yrs. 3

Identification :-
The decidieous teeth are smaller in size and permanent molar is erupted

Examination Record 2019- 2020

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student _____

Name of the Examination FIRST INTERNAL ASSESMENT Class Ist yr BDS.

Subject DENTAL ANATOMY DENTAL HISTOLOGY

Roll No. 01 Date 30/11/19

Supplimentis - 1+3=4

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Ambatkar

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											11/20
Marks obtained in Section B	1.5	1.5	1	NA	1	7					12/20
Marks obtained in Section C	2	2	2	2	2	6					16/20
Grand Total											39/60

Seen & No. Complaint

Ambatkar

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

11/20

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Internal Assessment Examination

Sr. No.

SECTION A

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
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WRONG (X) (B) (C) ● RIGHT (A) (B) ● (D)

SEAT NO. IN WORDS	ONE (01)
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	FIRST INTERNAL ASSESMENT
SUBJECT	DENTAL ANATOMY DENTAL HISTOLOGY
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

0	0	0	0	1

QUESTION BOOKLET VERSION NO.

A, B, D, G, M, N, P, S, U

ANSWERS

	A	B	C	D
1	Ⓐ	Ⓑ	Ⓒ	●
2	●	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	●	Ⓒ	Ⓓ
4	Ⓐ	●	Ⓒ	Ⓓ
5	Ⓐ	●	Ⓒ	Ⓓ
6	Ⓐ	Ⓑ	●	Ⓓ
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13	Ⓐ	Ⓑ	●	Ⓓ
14	Ⓐ	Ⓑ	Ⓒ	●
15	Ⓐ	●	Ⓒ	Ⓓ
16	Ⓐ	Ⓑ	●	Ⓓ
17	Ⓐ	Ⓑ	Ⓒ	●
18	Ⓐ	Ⓑ	●	Ⓓ
19	Ⓐ	●	Ⓒ	Ⓓ
20	Ⓐ	Ⓑ	Ⓒ	●
21	Ⓐ	Ⓑ	Ⓒ	Ⓓ
22	Ⓐ	Ⓑ	Ⓒ	Ⓓ
23	Ⓐ	Ⓑ	Ⓒ	Ⓓ
24	Ⓐ	Ⓑ	Ⓒ	Ⓓ
25	Ⓐ	Ⓑ	Ⓒ	Ⓓ
26	Ⓐ	Ⓑ	Ⓒ	Ⓓ
27	Ⓐ	Ⓑ	Ⓒ	Ⓓ
28	Ⓐ	Ⓑ	Ⓒ	Ⓓ
29	Ⓐ	Ⓑ	Ⓒ	Ⓓ
30	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

Section B

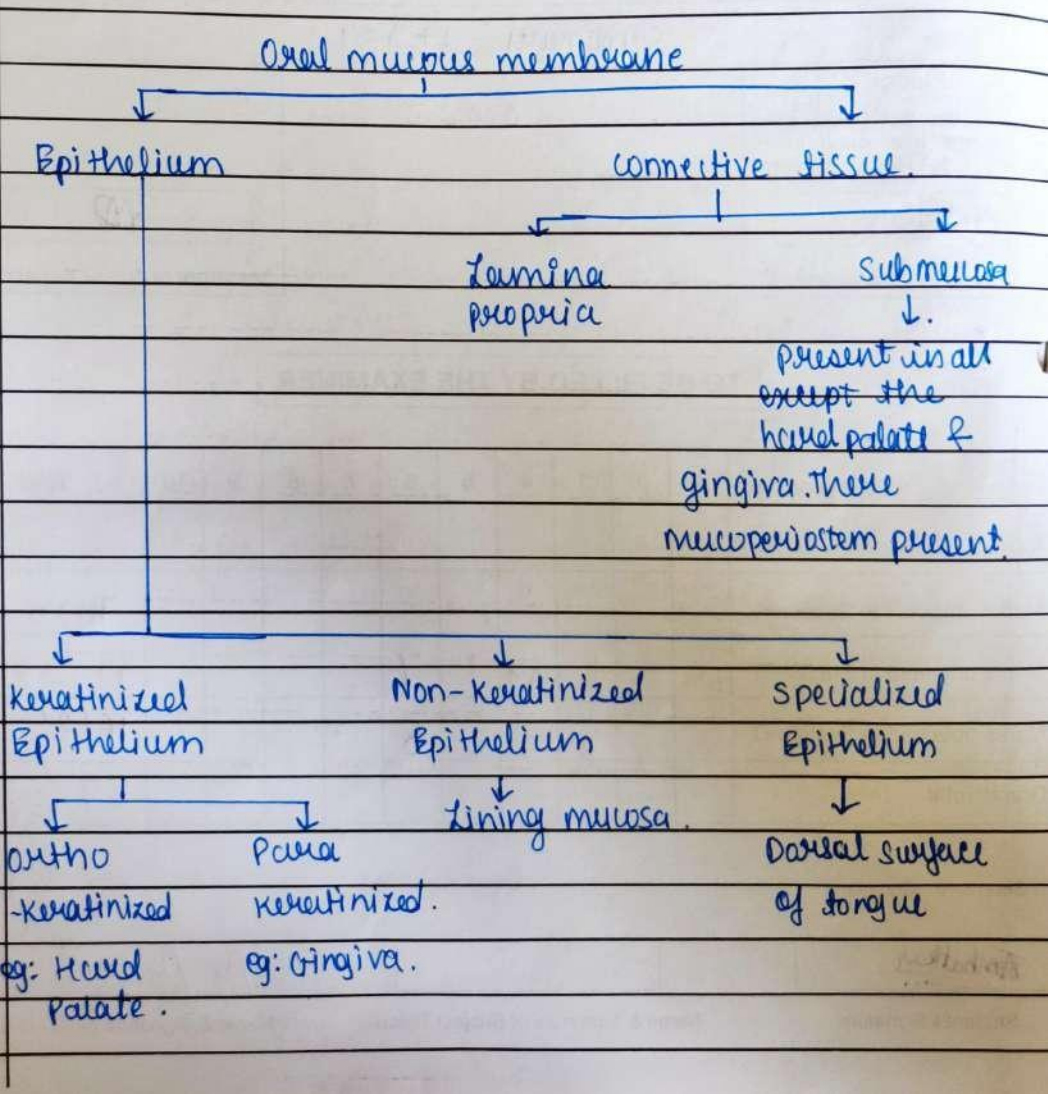
Q2) Long answer:

Ans Oral mucous membrane:

Defination - It is the moist lining of oral cavity extending from the lips anteriorly to the pharynx posteriorly.

Classification of oral mucous membrane.

① Based on structure.



Keratinized Epithelium
- Stratum Basale
- Stratum Spinosum
- Stratum Granulosum
- Stratum Corneum.

Non Keratinized Epithelium
- Stratum Basale
- Stratum Intermedium
- Stratum Superficiale.

② Based on function

Oral mucous membrane

Masticatory Mucosa.
↓
Keratinized epithelium predominantly.
↓
Includes:
① Hard Palate
② Gingiva.

Lining mucosa
↓
Predominantly non-keratinized Epithelium.
↓
Includes:
① Soft Palate
② Buccal mucosa
③ Ventral side of tongue
④ Floor of mouth.

* In Specialized oral mucous membrane we include the dorsal surface of tongue. This surface of tongue consists of various papillae and taste buds.

* Macroscopic structure of Tongue:

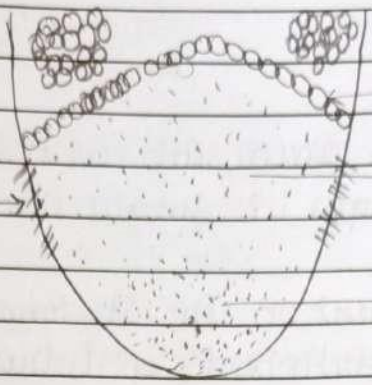
Tongue
(divided in 2 parts)

Anterior	Posterior
The anterior 2/3rd part of tongue	The posterior 1/3rd part of tongue
Consists of various Taste buds & papila	No specialized taste buds.
Supplied by Hypoglossal nerve.	Supplied by glossopharyngeal nerve.

The two surfaces are seperated by the 'V' shaped sulcus present at junction of anterior and Posterior part of tongue.

* Microscopic structure of tongue:

→ The dorsal surface of tongue is categorised under specialized mucosa of oral mucosa.
→ This surface consists of various taste buds and papilla as described below:



Dorsal surface of tongue

① Filliform Papilla

- Found on dorsal surface of tongue (anteriorly).
- These are maximum in number.
- Presence of ortho keratinized Epithelium.
- No Taste Buds.
- These papilla help the bolus of food to be directed inside into oesophagus.

→ Increase in number of filliform papillae can be seen in viral diseases like HIV. The tongue is called as Hairy tongue.

② Foliate Papilla.

→ As the name suggest they are leaf like.
→ These are present on lateral surface of tongue.
→ Presence of non keratinized Epithelium.
→ Presence of taste buds.

③ Fungiform Papillae.

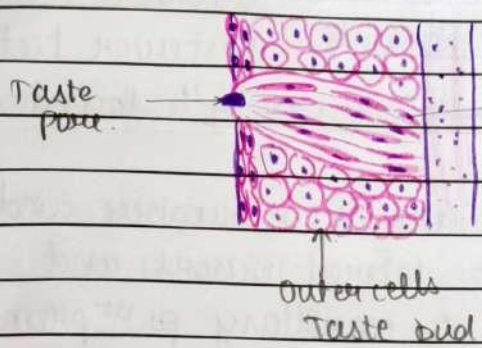
- As The name is given such as their structure resembles fungus i.e. fungus like or mushroom like.
- These are Present on tip of tongue.
- Presence of Keratinized Epithelium.
- Presence of taste Buds.
- Perception of taste is only on the dorsal surface of tip of tongue.
- They appear dark red spots due to high vascularity in these areas.

④ Circumvallate Papillae.

- Present near the 'V' shaped sulcus ie. in ~~back~~ at junction of anterior and posterior ~~tongue~~ areas of tongue.
- These have taste Buds.
- Presence of ortho Keratinized Epithelium.
- The Keratinized epithelium is present on dorsal surface of papilla
  lateral surface of papilla → Non keratinized Epithelium.
- Presence of ducts of Von Ebners Gland ~~which~~ se whose secreations helps the food particles to move forwards and do not stick or lie on surface of tongue.
  Secreation are mucous & watery.

* Taste Bud.

→ Outer cells are polygonal in shape
inner cells are spindle shaped.
→ Opening → taste pore
→ ~~Neuro sensory cell~~
→ Neuroepithelial cells → detect sensation of taste.



Sweet → Tip of tongue (1)
sour → sides of tongue
bitter → dorsal surface of tongue.
spicy → burning sensation of taste buds.

Section C.

Q2) Long answer:

~~Canines~~ Permanent maxillary canines.

* Introduction:

① These are the transitory tooth of oral cavity.
Presence of cingulum represents anterior teeth
Presence of cusp represents posterior teeth
② The "cornerstone of ~~mouth~~ Oral cavity" found at corners of mouth.
③ The maxillary canines are 2 in number and adjacent anteriorly to lateral incisors and posteriorly to permanent mandibulary ~~pr~~ 1st premolars.
④ The word canine comes from its resemblence with the carnivorous tooth used to tear and eat flesh.

* Key Identifying Features.

① Presence of a single cusp tip.
② Presence of Labial ridge.
③ Presence of dominant lingual ridge.
④ Presence of two lingual fosa.
⑤ Presence of 2 slopes.
mesial slope → shorter
distal slope → longer.
⑥ Longest tooth.
⑦ Greater Labiolingual dimension.

* Chronological data.

First evidence of calcification - 3 to 4 months.
Enamel completion - 4 to 5 yrs.
Tooth eruption - 11 to 12 yrs.
Root completion - 13 to 15 yrs.

* Tooth Numbering System:

① Universal Numbering System.

Permanent maxillary left canine - 11
Permanent maxillary right canine - 6

② FDI System.

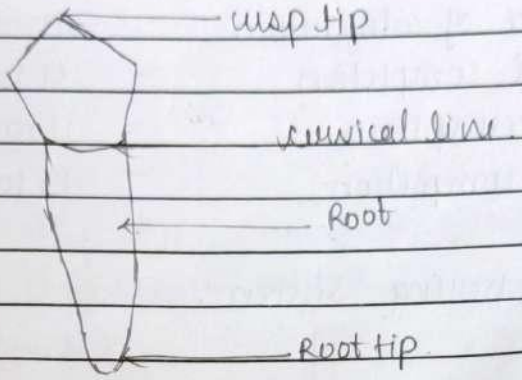
Permanent maxillary left canine - 23
Permanent maxillary right canine - 13

③ Palmer Numbering system.

Permanent maxillary left canine - $\underline{\text{L}}3$
Permanent maxillary right canine - $3\underline{\text{|}}$

Describing maxillary canine from various aspects:

① Labial Aspect.



Crown:

1) Cervical line is convex towards the root.
2) Contact area → mesially → towards the middle & incisal third.
   → distally → towards the middle third.
3) Labial surface is smooth.
4) Presence of slight convexity at cervical third and slopes towards incisal third.
5) Presence of mesial & distal slopes.

Root: Mesial slope → shorter
distal slope → longer.

6) Presence of cusp tip

Root.

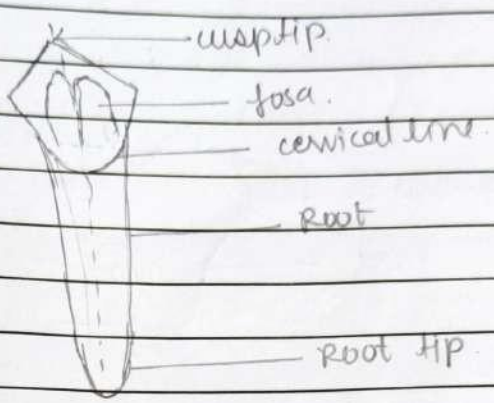
7) Presence of labial ridge.

Mesial side → convex surface with developmental grooves.

Distal side → Concave.

e) Root tapers down conically with blunt apex.

(2) Lingual Aspect.



Crown.

1) Presence of lingual ridge.

divides into

Mesial ~~lingual~~ palatal fosa.

Distal palatal fosa.

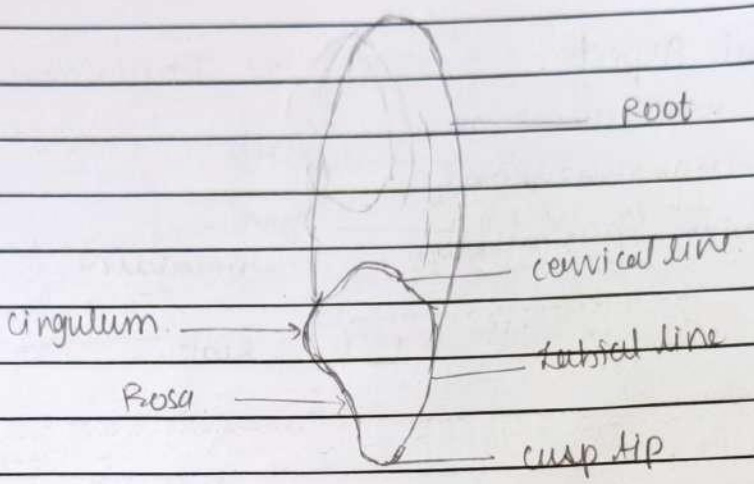
2). The two ridges:
Mesial marginal ridge ⟶ longer.
distal marginal ridge ⟶ shorter.

3) Line passes straight through cusp tip and root apex

4) cervical line towards root.

5) Presence of prominent cingulum.

③ Mesial Aspect.



Crown:

① The cervical line has curvature towards the root.
More curvature mesially than distally.
~~Cervical line extends upto~~ at

② Labial outline.
- Pts is convex to-wards cervical third.
- Flatter in middle third.
- Becomes again convex towards incisal third.

③ Lingual outline.
- It is convex ~~at~~ at cervical third due to presence of cingulum.
- Concave at middle third - fossa.
- Convex at incisal third.

④ Labiolingually is very bulkier.

Root:

① Presence of ti shallow developmental grooves.
② Conical with blunt apex.

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Supplement Sheet

Name of the Student _____

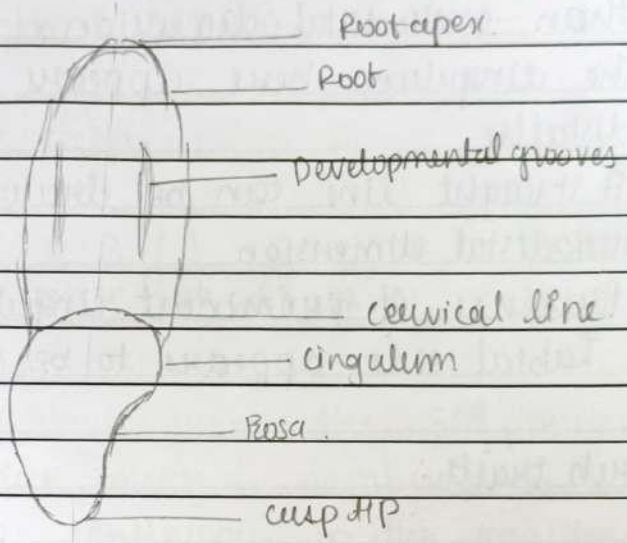
Name of the Examination 1st internal assessment. Class 1st yr BDS.

Subject DADM.

Roll No. 01. Date 30/11/19

Supplement No. _____ Invigilator Signature _____

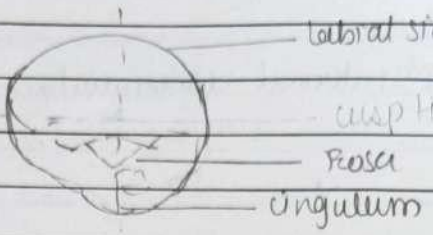
③ Distal Aspect.



The distal aspect has almost all similar ~~as~~ characters as distal except:

① Presence of deep development grooves.
② The cervical line is placed in the cervical third towards the root.
The semicircular curvature is less.

④ Incisal Aspect.



① The labio lingual dimension is much greater than mesio distal dimension.
② The cingulum here appears to be placed distally.
③ A straight line can be drawn through mesiodistal dimension
④ Presence of prominent cingulum.
⑤ Labial side appears to be convex.

(6)

* Arch traits:

These are the differences between permanent maxillary and madibular canines.

	Maxillary	Mandibular
① Mesial contact area.	middle & incisal third	Middle third.
② Slopes.	mesial slope – shorter distal slope – longer.	mesial slope – longer distal slope – shorter.
③ cingulum	more prominent	less prominent.
④ Fosa	more prominent	less prominent.
⑤ cusp tip.	less sharp.	Appears to be more sharp.
⑥ Ridges. (Labial & Lingual)	more prominent	less prominent.

Q2) Answer short:

Ans: The various tooth numbering system are as follows:
① Universal Tooth Numbering System.
② Federation Dentaire Internationale (FDI) or The two Digit System.
③ ~~Palmer~~ Zigmoidy Palmer's Numbering System.

① Universal Tooth Numbering System.

- For Permanent teeth.

Right								Left							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

→ The numbering starts from the 3rd permanent Right maxillary molar which is numbered as 1.
→ The numbering continuous in the maxilla upto Permanent maxillary 3rd left molar numbered as 16.
→ 17 is no. given to Permanent Mandibular left 3rd molar and upto 32. which is Permanent Mandibular ~~left~~ right 3rd molar.

- ~~For deciduous teeth~~.

Ans.

Ans 2:



Crown:

① Presence of deep lingual fosa.
② The fosa is surround by the incisal ridge from incisal end ~~upper side~~, mesial marginal ridge from mesial side, distal marginal ridge from distal side and cingulum inferiorly.
③ Lingulum is very ~~do~~ prominent.
④ The Fossa (palatal) is W shaped.
⑤ Slight developmental grooves may be present.

Root:

① The root is conical and tapers towards the end with blunt apex.
② Presence of lingual taper.
③ Developmental ~~no~~ grooves may or may not be present.

Supplement Sheet

Name of the Student _____

Name of the Examination 1st internal assesment Class 1st yr BDS.

Subject DADH

Roll No. 07 Date 30/11/19

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Section C

Ans3: Set treats - These are the differences between the permanent and deciduous dentition.

For Permanent maxillary central incisor.

① The deciduous teeth are whitish.
permanent teeth are yellowish in colour.

② In crown dimensions,
The mesiodistal dimention greater than cervicoincisal present in deciduous teeth (maxillary central incisors)
The mesiodistal dimention less than cervicoincisal present in permanent teeth (maxillary central incisors)

③ Cingulum, Palatine fosa and developmental grooves all are prominent in permanent maxillary central incisors whereas all these are not that developed in deciduous maxillary cental incisors.

④ All the marginal ridges are well developed in permanent maxillary central incisors whereas they are not that prominent in deciduous maxillary central incisors.

⑤ Presence of development grooves in permanent incisors whereas they are absent in deciduous incisors.

(2)

Ans 5: Permanent mandibular central Incisor.	Permanent mandibular lateral incisor.
① Bilaterally symmetrical	① They are not bilaterally symmetrical.
② Smallest tooth in oral cavity.	② Larger than mandibular central incisor
③. Both the mesio-incisal & disto-incisal angles are sharp.	③. The mesio-incisal may be sharp & disto incisal angle is rounded.
④. ~~The cervico~~ Absence of disto lingual twist.	④ Presence of disto lingual twist.
⑤ Incisal ridge is straight	⑤ Incisal ridge is sloping towards distal side.
⑥. Root tapers with a sharp tip and narrower.	⑥ Root is bulkier as compared to mandibular ~~central~~ central incisor.

Ans 4: The elevations of tooth are:

1) Cingulum - Its a convexity present on lingual side to anterior tooth.
2) Tubercle - Its an elevation caused due to deposition of excess of enamel.
3) Cusp - Its a pointed elevation found on canines and posterior teeth.
4) Ridge - Its a linear elevation found on surface of tooth. According to its position, its marginal ridge, etc.
5) Talon's cusp - Its an elevation of ~~cin~~ cingulum being prominently seen.

(2)

Section B.

Ans2:

Serous salivary Glands	Mucous salivary Glands.
① Serous acini are spherical.	① Mucous acini are tubular.
② Presence of smaller lumen in ducts.	② Presence of larger lumen in duct.
③ Presence of Zymogen granules which are electron dense.	③ Presence of mucinogen granules which are electron sparse.
④ Stained by normal H&E stained.	④ Special stain like PAS stain is used to study them.
⑤ Presence of microvilli	⑤ Absence of microvilli.
⑥ Number is 8 to 12 (cells)	⑥ These are greater or equal to 8 in number (cells).

Ans1: Bud stage of tooth development.

① The cells have started their proliferation in this stage.

②

Bud stage.

- Epithelium
  - peripheral cells.
    - pyramidal in shape with darkly stained nucleus.
  - central cells.
    - polygonal in shape.
- Connective tissue.
  - Formed of Epithelial mesenchymal condensation.

Epithelium consists of 2 layers.

- Inner Enamel Epithelium
  - Includes the peripheral cells.
- ~~Stellate~~ Outer enamel reticulum.
  - Includes the central cells.

(2) For initial of Bud stage Epithelial Mesenchymal Interaction is important.
(3) This stage further ~~go~~ develops into Cap stage.

STC

Ans: ~~Be~~ the layers of Early Bell stage are

Early Bell Stage
- Inner Enamel Epithelium
- Stellate Reticulum
- ~~Outer Enamel Epithelium~~
- Stratum intermedium
- Outer Enamel Epithelium.

* ~~Stellate reticulum~~ Stratum intermedium.
→ Joins the Inner Enamel Epithelium with stellate Reticulum.
→ Functions:
1) Synthesis of important proteins required for tooth development.
2) Transport of these proteins.
3) Concentration of the these proteins.

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Roll No. 01 Date 30/11/19

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* stellate reticulum:

→ These are the star shaped cells present.

→ these cells consits of ~~po~~ glycose amino glycoans. They absorb large amount of water & become star shaped.

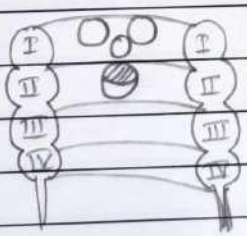
They act as cushon for the enamel cells and acts as protecting layer. (1)

ANS: ① Human embryo consists of various arches. I, II, III, IV, V, VI

OF these VI arch is rudimentary.

② Our Tongue develops from I, II, III, IV arches

③ Tongue consits of anterior 2/3rd part and posterior 1/3rd part developed from these arches and later on fuse together.



(1)

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Practical / Clinical Examination Answer Book

Examination

Sr. No.

Name of the Student Sakshi Sadanand Ambatkar.

Name of the Examination I^st Internal Practical Examination Class 1st yr BDS.

Subject Dental Anatomy & Dental Histology

Roll No. 01 Date 05/12/19

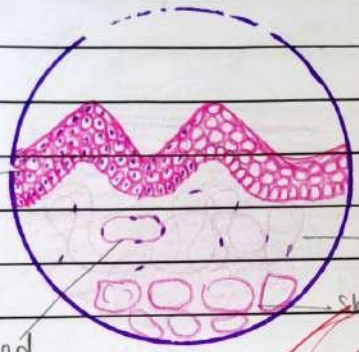
Students Signature ~~Ambatkar~~ "Seen No. Complaint" ~~Ambatkar~~

Slides	23	(35 marks)
Specimen	08	(25 marks)
Carving	14	(20 marks)
Journal + Communication		(10 marks)

45/60

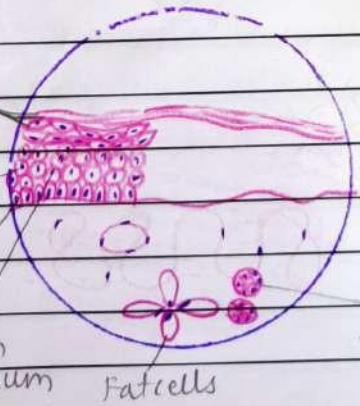
Needs

(1) Filliform papilla.



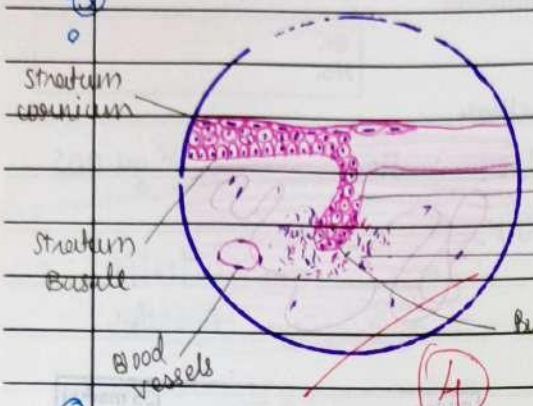
3½

(2) Hard Palate.



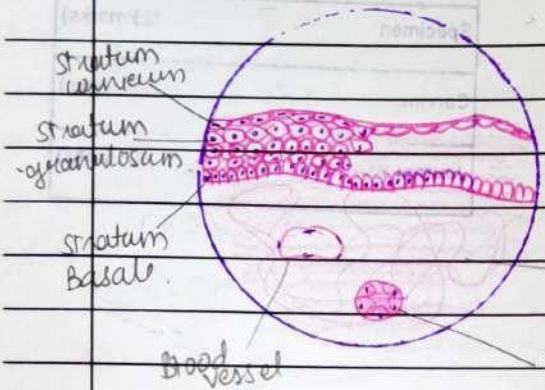
3½

(3) Bud stage of tooth development



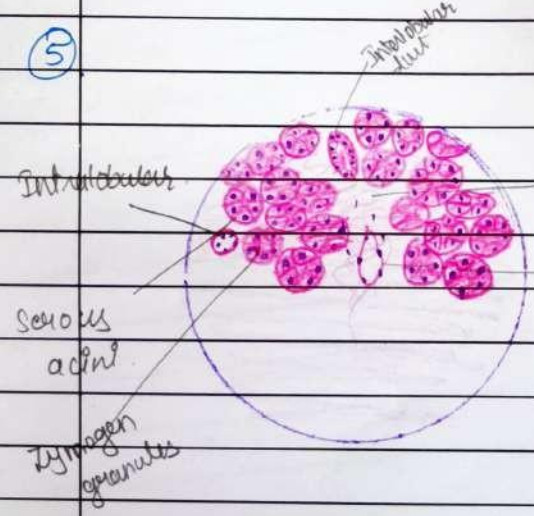
4

(4) Para Keratinized Stratified Squamous Epithelium



3.2

(5) Serous salivary glands

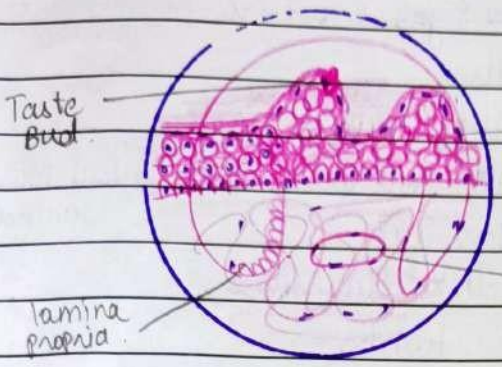


3.2

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(6)

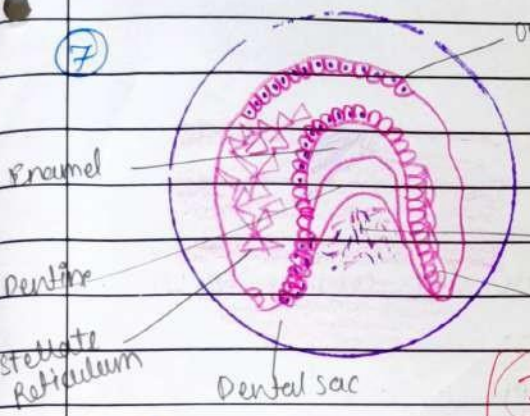
Taste ~~Bud~~.
~~Early~~ ~~Bell stage~~.
Fungiform Papilla.



2

(7)

Advanced Bell stage.



3

Spot 8:

1) Permanent maxillary left central incisor
2) FDI - 22.
3) Key identifying:
   1) Mesioincisal ~~in~~ angle sharp, distoincisal angle rounded.
   2) Cingulum distally placed.
   3) Largest tooth in oral cavity.
   4) Presence of mamelons when newly erupted.
   5) Presence of W shaped fossa.
4) Age of eruption - 7 to 8 yrs.

3

Spot 9: 1) Permanent mandibular left lateral incisor
2) FDI - 32.
3) Age of Eruption - ~~7 to 8 yrs~~ 6 to 7 yrs.
① Cingulum placed centrally
② Root ribbon like tapering towards apex.
③ The mesioincisal angle little rounded & disto incisal more rounded
④ The labio lingual dimensions are greater than the mesiodistal dimensions.
⑤ Presence of disto lingual twist.

(2)

Spot 10: 1) Permanent mandibular left central incisor.
2) FDI - 31
3) Age of eruption - 5 to 6 yrs.
Identifying features.
① Bilaterally symmetrical.
② Mesio-incisal & disto incisal both angles are sharp.
③ Root tapers ~~to~~ ribbion like ~~&~~ and conical as we go towards apex.
④ The labiolingual dimensions are greater than mesiodistal dimensions.

(3)

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Sakshi. S. Ambatkar.

Name of the Examination 2nd Internal Examination. Class 1st yr BDS.

Subject Dental Anatomy & Dental Histology.

Roll No. (01) One. Date 08/02/2020

01 + 02 = 03

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Ambatkar

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											12/20
Marks obtained in Section B	1	1	1.5	1	1.5	7					13/20
Marks obtained in Section C	1.5	1	1	1	05	6					11/20
Grand Total											36/60

Seen & No. Complaint

Ambatkar

Student's Signature

Dr Deepak

Name & Signature of Subject Teacher

Dr Deepak

Name & Signature of IC / H.O.D.

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Internal Assessment Examination

12/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do Not Fold The Answer Sheet.

WRONG	RIGHT
Ⓐ Ⓑ Ⓒ ●	Ⓐ Ⓑ ● Ⓓ

SEAT NO. IN WORDS	ONE (01)
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	SECOND INTERNAL ASSESMENT
SUBJECT	DENTAL ANATOMY AND DENTAL HISTOLOGY
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

0	0	0	0	1
①	①	①	①	●
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨
●	●	●	●	⓪

QUESTION BOOKLET VERSION NO.

A Ⓐ	①	①	①
B Ⓑ	②	②	②
D Ⓓ	③	③	③
G Ⓖ	④	④	④
M Ⓜ	⑤	⑤	⑤
N Ⓝ	⑥	⑥	⑥
P Ⓟ	⑦	⑦	⑦
S Ⓢ	⑧	⑧	⑧
U Ⓤ	⑨	⑨	⑨
	⓪	⓪	⓪

ANSWERS

	A	B	C	D		A	B	C	D		A	B	C	D
1	Ⓐ	Ⓑ	●	Ⓓ	11	Ⓐ	●	Ⓒ	Ⓓ	21	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2	Ⓐ	●	Ⓒ	Ⓓ	12	●	Ⓑ	Ⓒ	Ⓓ	22	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	Ⓑ	Ⓒ	●	13	Ⓐ	Ⓑ	●	Ⓓ	23	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4	●	Ⓑ	Ⓒ	Ⓓ	14	Ⓐ	●	Ⓒ	Ⓓ	24	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5	Ⓐ	Ⓑ	●	Ⓓ	15	Ⓐ	Ⓑ	Ⓒ	●	25	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6	Ⓐ	Ⓑ	Ⓒ	●	16	Ⓐ	●	Ⓒ	Ⓓ	26	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7	●	Ⓑ	Ⓒ	Ⓓ	17	Ⓐ	●	Ⓒ	Ⓓ	27	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8	Ⓐ	●	Ⓒ	Ⓓ	18	●	Ⓑ	Ⓒ	Ⓓ	28	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9	Ⓐ	●	Ⓒ	Ⓓ	19	Ⓐ	Ⓑ	●	Ⓓ	29	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10	Ⓐ	Ⓑ	Ⓒ	●	20	●	Ⓑ	Ⓒ	Ⓓ	30	Ⓐ	Ⓑ	Ⓒ	Ⓓ

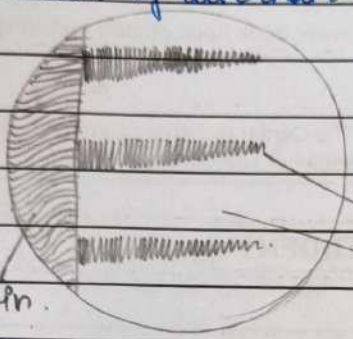
Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

Q1) Short answers.

Ans1: → Seen in enamel.
→ Presence of alternate dark and light bands.



Light Bands - dia zones.
~~Ha~~ It's an optical phenomenon.
Dark Band.
Light Band.

(1)

Ans2: Structure of pulp ~~is~~ includes:
① Dentin.
② Cell free zone → Absence of cellular component, ~~more fibers~~
③ Cell Rich zone → Presence of cellular component.
④ Pulp complex.

Age changes in pulp:
→ Cellular component goes on decreases & fibers increases.
→ Pulp area reduces in size as it ~~st~~ starts getting calcified.
→ Occurrence of Pulp stones in the matrix.
↓
(1) There are mainly the mineralized stones deposited in pulp complex.
→ As Age increases, root canal treatment becomes more difficult due to reduction of pulp space due to calcification.

Ans 3: "Cementum is an avascular odontogenic tissue covering the outerm surface of root."

Classification of cementum:

① Based on components

Cellular cementum	Acellular cementum
↓	↓
Consists of cementoblasts.	Absence of cellular component
↓	↓
Present on the Apical third predominantly.	Present on cervical third predominantly.
↓	↓
Have a slower rate of formation so incremental lines are far apart.	Faster rate of formation so incremental lines are closely placed.

② Based on Function

Basic.	Adaptive.
↓	↓
Anchorage and support to tooth	Helps in bone resorption
↓	↓
Covers dentinal tubules.	In othodontal treatment, also in maintaining height of tooth.

③ Based on Fibers.

Extrinsic	Intrinsic	Mixed
These include Sharpey's Fibers.	Oriented to parallel to root axis.	consists of both intrinsic & extrinsic fibers.
Oriented perpendicular to root surface.	Uniformly mineralized.	
Ununiformly mineralized.		

④ Mixed classification.

Primary Acellular extrinsic fiber.	Primary Acellular intrinsic fibers.	secondary cellular intrinsic Fibers.	seconday cellular mixed Fibers.	Acellular Afibrillar cementum

Ans 3. ~~forms~~ → Alveolar bone consists of Bundle Bone.
~~before~~ → It mainly consists of collagen fibers.
~~PDL~~ → Type III & IV fibers.
→ consists of Osteoclast, osteocytes, cementoblasts, all types of cells.
→ Have dense appearance than cancellous bone.

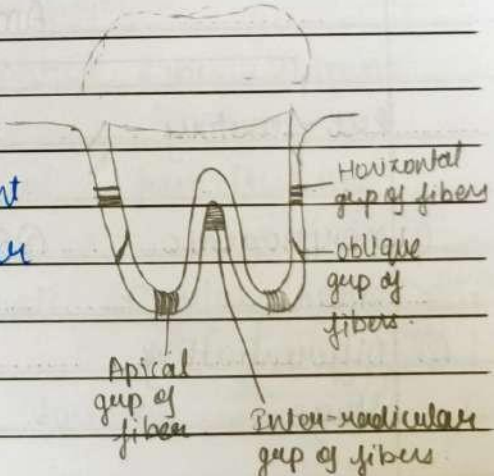
(1)

Ans: Principle fibers of Periodontal ligament.

- Apical group of fibers
  - Present at the root apex.
  - maximum in no.
- Alveolar grp of fibers.
  - First to appear
  - Help in eruption of tooth.
- Oblique group of fibers.
  - Attaches middle & apical third of root to Bone.
- Transverse group of fibers.
  - Helps for firm attachment to tooth.
- Horizontal grp of fibers
  - Present at the cervical third of crown.
- Inter-radicular group of fibers.
  - Present in the bifurcation of roots.

Functions.

→ Function of PDL fibers is attachment of the cementum (root) to the alveolar bone.
→ To fix tooth in socket of jaw bone.
→ In orthodontal treatment.
→ In eruption of tooth.



1.5

Q2). LAQ:

Ans. 6 Amelogenis is the process of formation of enamel matrix. It occurs only once in lifetime

Deposition of minerals in the newly formed enamel - 30% mineralisation.

↓

Loss of organic material.

↓

Further thicking of the rods and spaces.

↓

Removal of organic material & water.

↓

Further mineralization of matrix.

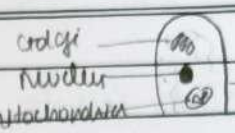
↓

Enamel formed - 96% inorganic material.

Amelogenesis / Life cycle of Ameloblast.

- Pre-secretory
  - ① morphogenic stage.
  - ② Differentiating stage.
- Secretory
  - ③ Secretory phase.
- Post secretory
  - ④ Maturation phase
  - ⑤ Protective phase
  - ⑥ Desmolytic phase
  - ⑦ Attachment phase

① Morphogenic stage.



The shape of the tooth gets decided in the late bell stage of tooth development

↓

The Ist layer of Dentin is not yet formed.

↓

The Inner Enamel Epithelial cells can undergo mitosis and increase in number.

↓

The cells are :
- Cuboidal to low columnar.
- Centrally placed nucleus.
- Not well developed Golgi apparatus.
- Few mitochondria.
- All organels scattered in cytoplasm.

② Differentiating / Organising Stage.

The inner enamel epithelial cells starts differentiating.

↓

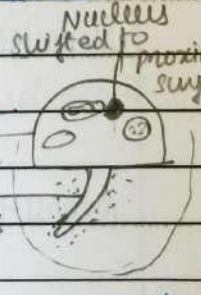
Golgi complex starts to mature & increase in no.

↓

Mitochondria are few scattered & few clustered.

↓

Increase in Rough Endoplasmic Reticulum.



↓

Ist layer of Dentin starts forming

↓

Here there is formation of Distal extention called Tome's Process in the proximall part of cell.

Odontoblast secrete Dentin.

↓

Reversal of nutrition.

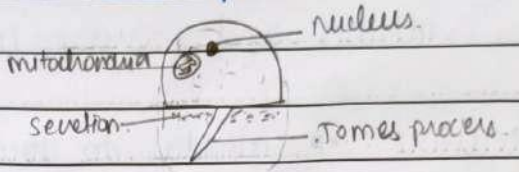
↓

Ameloblast start moving away from dentin.

↓

The outer enamel epithelium turns into folds to get nutrition from Dental Papila.

③. Secretory Phase.



→ It starts after deposition of 1st layer of dentin.

mRNA from cytoplasm signals the membrane of RER to form enamel protein.

↓

Enamel Proteins reach the cisternae.

↓

Post transcriptional changes occur in Golgi Apparatus.

↓

Formation of hydroxyapatite crystals.

↓

Deposition of these crystals along the mantle Dentin.

↓

Deposition of these crystals in tomes process.

↓

Further formation of enamel at 2 sites.

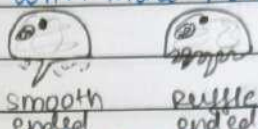
Inter-rod enamel. → Enamel Rods.

Formed first. → Pointed end.

Root eruptive
Bone remodelling
PDL theories

(3) Maturation phase. Modulatory phase

* It includes the transitional phase in which there formation & deposition of more minerals.
Enamel rods formed with more mineral deposites.



* Modulatory phase.
Transition from ruffle ended to smooth ended ameloblast and managing of pH.

One Hydroxyapetite crystal when formed leads to push $8H^+$ ions in extracellular matrix.

↓

Results in decrease of pH.

↓

In secretory phase, the enamel matrix protein acts as buffer to maintain pH.

↓

In maturation phase, the enamel matrix gets mineralized, so other buffer has to take charge.

↓

It was proposed that the bicarbonate ions from carbonic anhydrase can maintain pH.

↓

These are secreted by the ruffled ended portion of ameloblast.

↓

New theory proposed.

↓

Ruffle ended ameloblast changes to smooth ended

The leaky channels of smooth ended allow the passage of pH regulatory ions & substances inside.

↓

pH regulated back to normal.

Protective phase.

Formation of enamel complete.

↓

The eruptive process may begin.

↓

The outer enamel epithelium & stellate Reticulum almost disappear.

↓

They fuse with oral Epithelium.

↓ Forms

Reduced Enamel Epithelium.

↓

Protective mechanism.

Desmolytic phase.

Reduced Enamel Epithelium formed.

↓

Ameloblast starts disintegrating.

↓

~~Fills~~ & The connective tissue also disintegrates.

Attachment phase.

Attachment Tissue - Surround neck like tissue around the tooth for protection.

Reduced Enamel Epithelium - Oral Epithelium
+
Outer Enamel Epithelium and stellate Reticulum.

Section C.

Q3. Short answers:

Ans1:

Occlusal Aspect.

↓

Hexagonal outline.

- Elevations
  - Cusps.
    - Mesial
    - Buccal.
    - → Both the cusp almost the same level.
  - Marginal Ridges.
    - Mesial Marginal Ridge
    - Distal Marginal Ridge.
- Depressions
  - Depressions fossa.
  - grooves,
    - Mesial marginal developmental groop absent.
      - ↓
      - Presence of lingual groove.
  - pit
    - mesial + distal pits present.

Fossa.

- Mesial Triangular Fossa.
- Distal Triangular Fossa.

→ Not so well developed as present in maxillary 1st premolar



Occlusal aspect



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Supplement Sheet

Name of the Student Sakshi. S. Ambatkar.

Name of the Examination 2nd internal Assesment Class 1st yr BDS.

Subject DADH.

Roll No. 01 Date 08/02/2020

Supplement No. 01 Invigilator Signature

Ans2

Maxillary 1st Premolar.	Maxillary 2nd Premolar
① Buccal cusp more developed than lingual cusp.	① Lingual cusp more developed.
② The Mesial cuspal slope is greater than distal cuspal slope.	② The distal cuspal slope is greater than mesial cuspal slope.
③ Presence of mesial marginal developmental groove on mesial side.	③ Absence of mesial marginal developmental grove.
④ Very few supplementary grooves are present.	④ Many supplementary grooves are present.
⑤ Root has blunt apex with good taper.	⑤ Root has blunt apex with less taper.
⑥ It resemble more like anterior teeth- canine.	⑥ Resembles more like posterior teeth.

(1)

Ans3: The Theory are:

① Neuve innervation theory - This tells that the dentin has direct neuve innervations from the pulp carrying sensations of pain.

② Hydrodyn theory - Presence of fluid in peritubular area around the odontoblastic process. The up & down movement of fluid ~~dtn~~ gives pain sensation to underlying ~~its~~ nerves.

③ Insertion of enamel spindles - which carry the pain sensations through dentin. These are the extensions of odontoblastic processes.

Ans4: Theories of tooth eruption are:

① Root Eruptive Theory.
② Bone Remodelling Theory.
③ Periodontal ligament Traction Theory.

* Bone Remodelling Theory.

→ When there is removal of crown of tooth ~~str~~ leaving the ~~str~~ remaining surface intact, there is eruption of tooth

→ When there is removal of crown along with ~~dtn~~ the follicle of root → NO eruption.

→ It signifies that the follicle present is responsible for eruption of tooth.

→ Follicle signals the cells according i.e. osteoclasts for absorption of bone surface & cause eruption.

Ans5: Permanent mandibular First molar.

① Presence of 5 cusps.
② Presence of cusp of carabelli.
③ ~~For~~ Presence of dominant central groove.

Permanent mandibular 2nd molar.

① Presence of 4 cusp.
② ~~Presence of~~ Absence of cusp of carabelli.
~~Not so dominant central groove as max~~

(0.5)

Q2) LAQ:

Ans6: ~~Permanent Maxillary~~ Perm. Maxillary 1st molar.

Maxillary

① Presence of ~~5~~ cusps. major cusps.
② The 5th cusp is not well developed.
③ Presence of 3 roots.
④ Presence of 4 ~~fissure~~ grooves.

Mandibular.

① Presence of 5 major cusp.
② 5th cusp is called cusp of carabelli. - Developed.
③ Presence of 2 roots.
④ Presence of 6 grooves.

Permanent maxillary 1st molar.

→ There are 2 in number in the maxillary arch.
→ Developed from 5 lobes.

Chronology.

Eruption - 6 to 7 yrs.
Root completion - 8 to 9 yrs.

* Key Identifying features.

→ Buccolingual dimensions are greater than mesio-distal.
→ Presence of 5 cusp
① Mesio Buccal. } major.
② Disto Buccal
③ mesio Lingual
④ Disto Lingual
⑤ Distal. ⟶ not well developed.
→ Presence of 3 roots.
→ The buccal roots are more developed than lingual.

* Universal Numbering system.

① Universal Numbering system

Permanent maxillary right 1st molar - 3
Permanent maxillary left 1st molar - 14

② FDI System.

Perm. maxillary Right 1st molar - 16
Perm. maxillary left 1st molar - 26

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Supplement Sheet

Name of the Student Sakshi. S. Ambatkar.

Name of the Examination 2nd Internal Assesment. Class 1st yr BDS.

Subject DADH.

Roll No. 01. Date 08/02/2020.

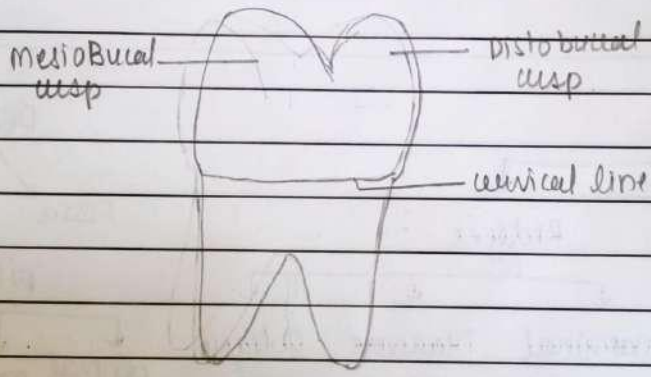
Supplement No. 02. Invigilator Signature

(3) Palmer numbering system.

Perm maxillary Right 1st molar - 6|

Perm. maxillary Right 1st molar - |6

(1) ~~Mesial~~ Buccal Aspect.



→ Presence of major Buccal cusp

Mesio Buccal Distobuccal.

→ These cusps are developed from 5 lobes.
2 buccal & 3 lingual → One is reduced.

→ Cervical line is regular sometimes irregular.

② Lingual Aspect.

→ shows Mesio-lingual & Disto-lingual cusp dominantly.
Distal cusp is reduced to greater extent.
→ The Mesio-buccal & disto buccal cusp can also be seen
→ cervical line irregular pointing towards root.

③ Occlusal Aspect.

→ Hexagonal outline.

- Elevations
  - cusps
    1. Mesiobuccal
    2. Distobuccal
    3. Mesiolingual
    4. Distolingual
    5. Distal
  - Ridges
    - Marginal Ridges
      - Mesial marginal Ridge.
      - Distal marginal Ridge.
    - Transvese Ridge.
    - Oblique Ridge.
- Depression
  - Fossa
  - groove
  - pits
    - central pit
    - mesial pit
    - distal pit.

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Fossa.

- Mesial triangular Fosa.
- Distal triangular Fosa.
- central fossa.

Grooves → central groove – dominent
seperates the buccal & lingual aspect.

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Practical / Clinical Examination Answer Book

Examination

36/60

Sr. No.

Name of the Student Sakshi. S. Ambatkar.

Name of the Examination 2nd Internal Assesment. Class 1st yr BDS.

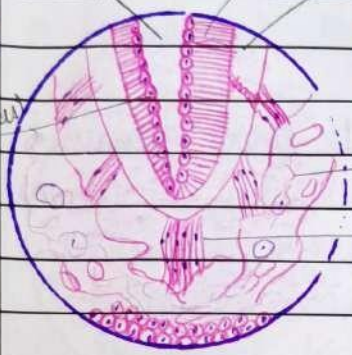
Subject DADH

Roll No. 01 (One). Date 12-02-2020

Students Signature Ambatkar "Seen No. Complaint" Ambatkar

Slides	18	(35 marks)
Specimen	07	(25 marks)
Carving	11	(20 marks)
Journal + Communication Skills (10 marks)		

(1)



Periodontal ligament

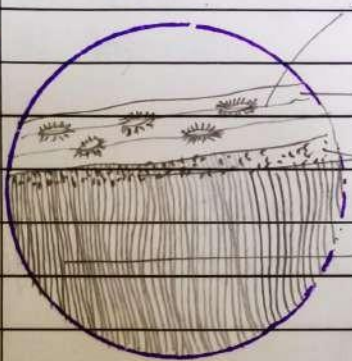
Apical gap of fibers

Alveolar Bone.

Apical gap of fibers

3

(2)



Incremental lines of salter.

Tome's Granular layer.

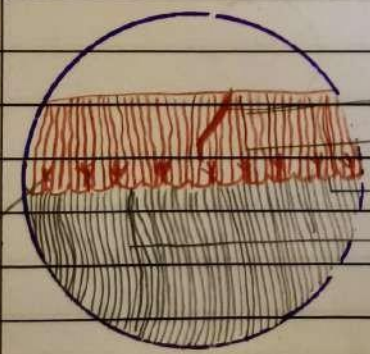
cementum

Tome's granular layer

Dentinal tubulls.

3

(3)



Enamel lamella.

Enamel lamella.

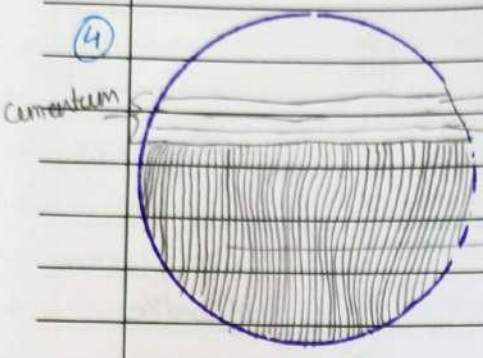
Enamel rods.

Dentino-enamel junction

Dentinal tubulls.

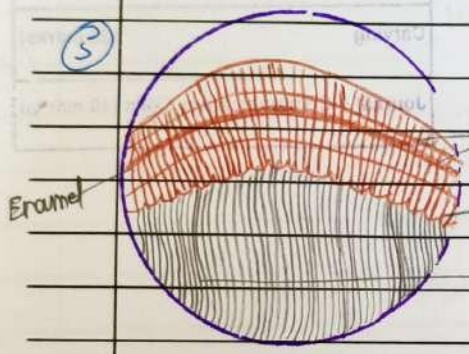
3

(4) Acellular cementum.



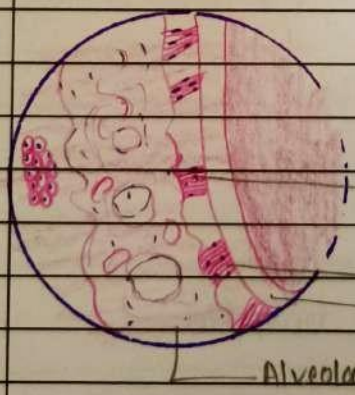
3

(5) Incremental lines of Enamel.



3

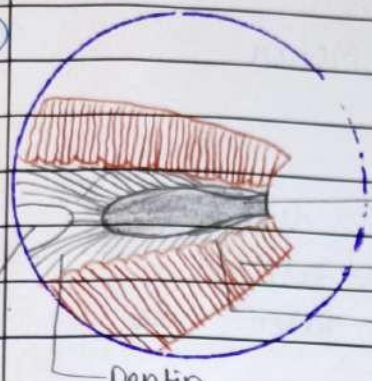
(6) Periodontal ligament.
Horizontal & oblique group of fibers



6

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(7) Dead Tract.



3

(8) # Permanent Maxillary left canine.

FDI - 23.

Eruption - 11 to 12 yrs.

Identifying features :- Buccolingual dimension greater than mesiodistal.

① Presence of 1 cusp.

② Prominent labial ridge.

③ Prominent lingual Ridge.

④ Mesial cuspal slope ~~is~~ smaller than distal cuspal slope.

⑤ Presence of Prominent Cingulum.

~~⑤~~ ⑥

3

⑨ Permanent Mandibular right 1st Molar.

FDI - 16.

Eruption - 6 to 7 yrs.

Identifying features. - Presence of 5 cusp:

① ~~Buccolingual~~ Mesio buccal - Largest.

Disto buccal - smallest. - ~~Lingual~~

② Presence of 2 roots.

③ Mesio distal dimension greater than buccolingual dimension.

④ Presence of supplementary grooves.

⑩ Maxillary left 1st Premolar.

FDI - 14.

Eruption - ~~10 to 11 to 12 yrs~~. 10 to 12 yrs.

Identifying features.

① Bicuspid.

② Mesial cuspal slope greater than distal cuspal slope.

③ 2 Roots → 2 Pulp canals.

④ Presence of Labial Ridge.

⑤ 2 cusp → Buccal longer.
→ Lingual shorter.

⑥ Buccolingual dimensions are greater than mesiodistal dimensions.

Examination Record 2020 - 2021

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Internal Assessment Examination

10/20

SECTION A

Sr. No. 14

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) ●

RIGHT (A) (B) ● (D)

SEAT NO. IN WORDS	FOURTEEN
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	THIRD INTERNAL ASSESSMENT
SUBJECT	DENTAL ANATOMY AND ORAL HISTOLOGY
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

1 4

QUESTION BOOKLET VERSION NO.

A, B, D, G, M, N, P, S, U

ANSWERS

	A	B	C	D
1		●		
2		●		
3				●
4		●		
5			●	
6				●
7			●	
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30				

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

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1+2.

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Internal Assessment Examination

SECTION B & C

Sr. No. 14

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student PRATIKSHA CHAVAN

Name of the Examination THIRD INTERNAL ASSESSMENT Class I

Subject DENTAL ANATOMY AND ORAL HISTOLOGY

Roll No. 14 Date 1/12/21

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											10
Marks obtained in Section B	3	2.5	2.5	2.5	2.5	6.5					19.50
Marks obtained in Section C	1	1	1	2	1.5	5					11.50
Grand Total											41

48/80

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

Section - B

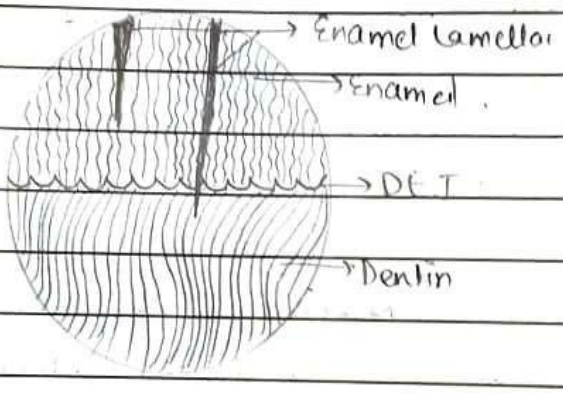
I.

1) Hypocalcified structures of enamel.

- Hypocalcification means extra deposition of enamel on the structure

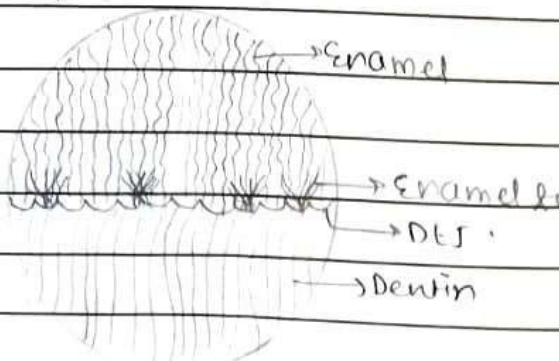
① Enamel lamellae

- These are long tubular structures arising from enamel surface towards DEJ
- They develop in response to tension or increased masticatory forces
- They are of 3 types
- (i) Type A → poorly developed due to calcified enamel rods. May reach upto DEJ.
- (ii) Type B →
- (iii) Type C →



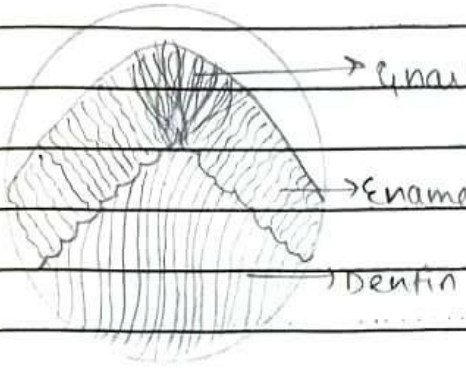
② Enamel tufts

- These are small & thin grass like structures arising from DEJ.
- These are an effect of intertwining of enamel rods near DEJ.



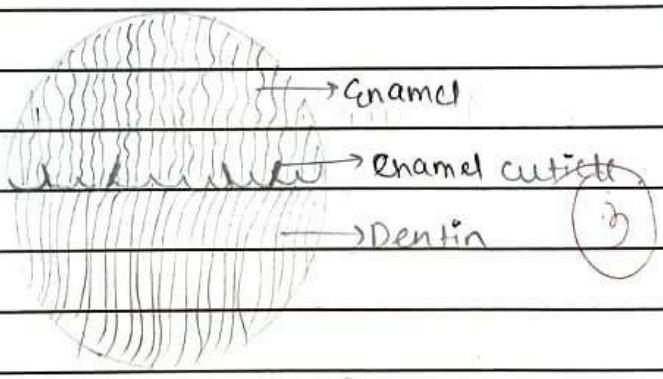
③ Gnarled enamel

- It is visible at cusp tips usually.
- It is appears dense due to interweaving of many enamel rods at the cusp so as to overcome the masticatory forces.



④ Enamel cuticle.

- They are thin leaf like structures arising from DEJ.
- They are the extensions of dentinal tubules in enamel



2) Classify oral mucous membrane and describe specialized mucosa.

→ Oral mucous mebrane is defined as mucosal lining membrane lining oral cavity.

⇒ classification

① Based on Location.

(i) Masticatory mucosa.

- Present in Gingiva & hard palate.

(ii) Lining Mucosa.

- Present in cheek, buccal mucosa, lips etc.

(iii) Specialized mucosa.

- Present in dorsal surface of tongue.

② Based on Keratinization

- Keratinized → Ex: Masticatory & Specialized mucosa.
- Non keratinized → Ex: lining mucosa.

⇒ Specialized mucosa → Stratified Squamous epithelium

- It is present on dorsal surface of tongue
- It has numerous elevations called as papillae which contain taste buds.
- Different layers of specialized mucosa.

① Stratum basal → low cuboidal cells.

② Stratum spinosum → The cells appear prickle like due to ability of these cells to absorb water.

③ Stratum Granulosum → These are flattened cells with flat nucleus. Has keratohyaline granules.

④ Stratum corneum → These are flattened cells above Stratum Granulosum.

- Diff tu different types of papillae present are:
(1) Circumvallate → taste buds on lateral border.
✓ 8-10 in number.
✓ Present in front of ~~stf~~ V-shape sulcus terminalis.
✓ Characterized by a deep trough
✓ Has keratinization on upper surface.
(2) Fungiform → taste buds on ~~lateral~~ border but on outer surface.
✓ Present on anterior part.
✓ Few in number.
✓ Mushroom shaped.
(3) Foliate → No taste buds. 2.5
✓ They are present on lateral border of tongue.
✓ Numerous in number.

3) Enumerate special stains. describe PAS stain

→ Special stains are used to stain substances that are usually not stained by routine H and E stain.

⇒ Examples:

(1) Massons trichrome stain → stains collage
- Keratin, muscle fibers & collagen fibers → red.
- Epithelium → blue.

(2) Mallory stain.
- Keratin → orange.
- Epithelium → blue.

(3) Van Giessons stains
- Connective tissue → yellow
- Epithelium → green.
- collagen fibers → red.

(4) Sudan black, III er stain
- Stains lipid → black.

2.7

⇒ PAS stain
- PAS stands for Periodic Acid schiff stain.
- It is used to stain Glycogen, Glycoprotein, mucin, & carbohydrate containing substances
- Action
(1) Periodic acid reacts with glycol group of carbohydrates to form aldehyde
(2) schiff → reacts with these aldehydes as it contains some special substance which give out the desired colour i.e., dark pink, blue.
- Ex: Salivary glands are stained using PAS as the mucous cell contains mucin which is lost during routine H and E and also the basement membrane is made up of carbohydrate

So it also can also be stained using PAS i.e. the basement membrane is called as PAS positive basement membrane.

4) Classify salivary glands. Describe briefly about various cells of ~~RDE~~ salivary glands.

→ 1) Major salivary glands.

① Parotid gland.

- It is made up of serous cells mainly
- Duct of parotid gland → Stenson's duct which opens at maxillary upper corner of maxillary second molar
- Contributes 60% to salivary secretions.
- The striated & Intercalated ducts are thin and long & so are easily detected.
- Surrounded by a fibrous capsule.

② Submandibular gland.

- Made up mixed (seromucous cells).
- Duct → Wharton's duct which opens ~~at near~~ in lateral side of lingual frenum.
- Surrounded by a connective tissue capsule.
- 2nd largest salivary gland.

③ Sublingual gland.

- Also made of mixed (seromucous cells).
- Duct → main duct is bartholins duct. and many individual ducts called as duct of rivinus ~~open~~ pour their secretions near opening of wharton's duct.

2) Minor salivary glands.

① Von ebner's gland.

3) Serous salivary gland.

- Contain serous cells only.
- Lightly & darkly stained with more eosin staining.
- Has interlobular & intralobular duct with connective

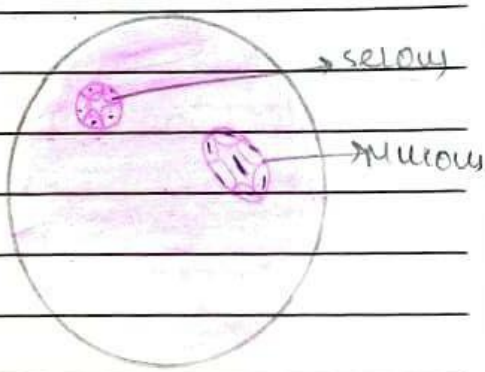
⇒ Cells of salivary glands

1) Serous cells
- The are pyramidal in shape
- Nucleus is large, rounded and placed basally.
- Contain zymogen granules staine by hematoxylin which are present near apical part of cell.
- Stainly darkly as compared to mucous cells.
- Secretions are watery

2) Mucous cells.
- They are columnar cells with flattened nucleus placed basally.
- They are lightly stained as mucin present is lost during H and E staining
- Secretions are viscous.

3) Seromucous cells
~~There are mixed type of c single alveoli contains both &~~
- Their characteristic feature is moon shaped serous demilune present on mucous cells.

4) Mucous salivary glands.
- Contains mucous cells.
- Has more mucin contain
- Lightly stained.



5) Mixed salivary gland.
- Has both serous & mucous cells.
- Presence of serous demilune

5) Functions of PDL fibers & principle group of PDL fibers

→

⇒ Functions

① Support → They hold the tooth in its functional position.

② Provides attachment of tooth with bone

③ Nutrition.

④ Inductive function.

⇒ Principle group of fibers

① Alveolar crest group of fibers → extend from bone till gingival epithelium

② Interradicular group of fibers → they run from tooth to another

③ Transseptal group of fibers →

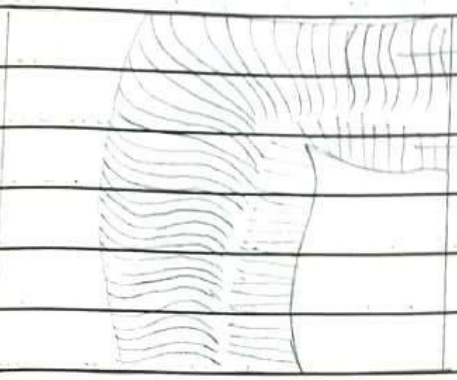
④ Horizontal group of fibers → run from bone to cementum horizontally.

⑤ Oblique group of fibers → run obliquely from bone till lower end of cementum.

⑥ Apical Group of fibers → present at the apical end of root and run from bone till apex.

① Primary Dentin. → formed before root formation
- Dentinal tubules are shaped : S shaped :
- Present on outer side.

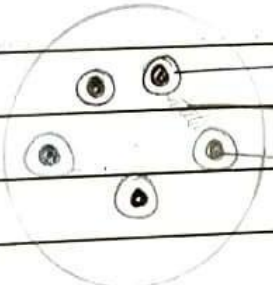
② Secondary Dentin → formed after root completion
Dentinal tubules are straight.
Present on inner side.



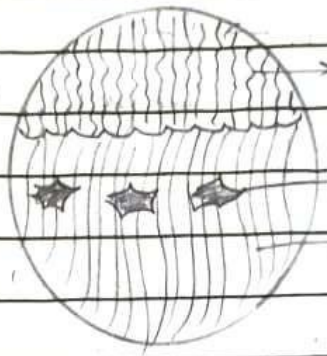
③ Peritubular dentin → Present on outer surface of dentinal tubule.

④ Intertubular dentin → Present between space of dentinal tubule.

③ Sclerotic dentin → it is a reparative dentin



④ Interglobular dentin → Dentin is formed by fusion of globulin. When some of them do not fuse completely star shaped dentin is visible.



⇒ Theories

1) Neural stimulation theory.
2) Vascular fluid theory.
3)

6

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Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Supplement Sheet

Name of the Student PRATIKSHA CHAVAN

Name of the Examination THIRD INTERNAL ASSESSMENT Class I

Subject DADH

Roll No. 14 Date 7/12/21

Supplement No. 1 Invigilator Signature

Section - C.

5.

1) Occlusal aspect of permanent maxillary 1st molar.

→ Geometric outline → Rhomboidal

- No. of cusps → 4 functional & 1 non functional cusp

✓ 4 functional cusps → Mesiobuccal, distobuccal, mesiolingual, distolingual.

✓ 1 non-functional cusp → Cusp of Carabelli present on lingual side of mesiolingual cusp.

✓ & Descending order of size of cusps is:

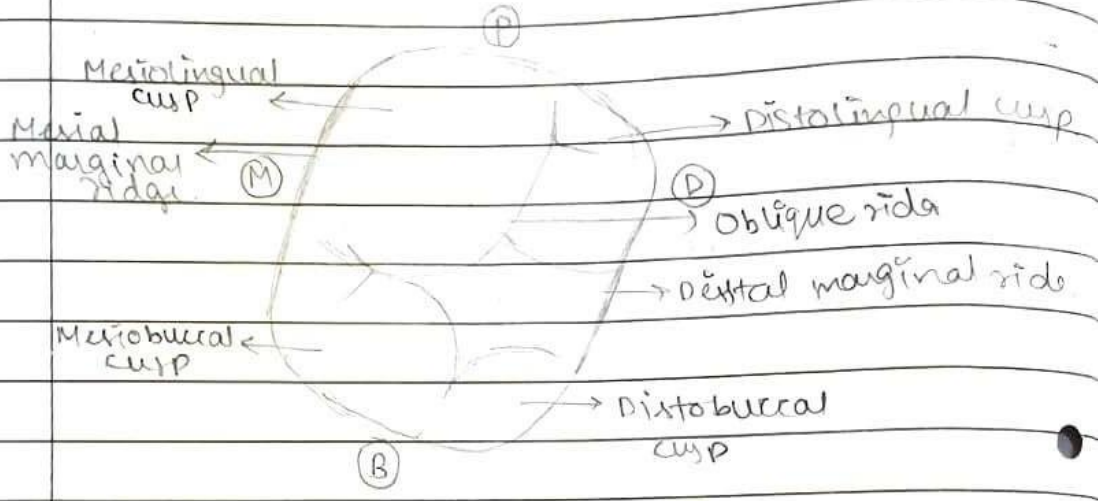
- Mesiolingual > Mesiobuccal > Distolingual > Distobuccal

- Elevations

① Ridges.

- Mesial Marginal ridge
- Distal marginal ridge.
- Transverse ridge → present between formed due to meeting of triangular ridges of ~~Mes~~ MB & ML cusp.
- Oblique ridge → runs obliquely from ML to DB cusp.
- Triangular ridges descending from all cusps in centre of occlusal.

- Depression
① Fossae.
- 2 major → central, distal.
- 2 minor → mesial & distal triangular fossa.
② Groove.
- Central.
- Transverse.
- Buccal → Between two buccal cusp
- Lingual → between two lingual cusp.



- ~~Key~~

2)

Primary Dentition	Secondary Dentition
① Also called as deciduous	① Also called as succedaneous
② Set of teeth present are → Incisor, canine, molars	② Set of teeth present are Incision, canine, Premolars, molars
③ 1st tooth appears at 6-10 months	③ 1st tooth appears at 6 yrs of age
④ Mamelons are not present on incisal edge	④ Mamelons are present on incisal edge.
⑤ White in appearance	⑤ Yellowish in appearance
⑥ Mesiodistal dimension of incisors is less	⑥ Incisor are wider mesio-distally & cervico-occlusaly.

1

3) Define occlusion. Discuss compensatory curves

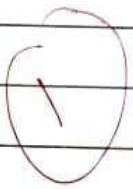
→ Occlusion is it defined as morphological movement of tooth to make contact between maxillary and mandibular teeth.

⇒ Compensatory Curve

1) Curve of Spee → It is visible anteroposteriorly
- and Starts from canine and goes uptill molars
- Seen when viewed laterally

2) Curve of → Seen from anterior view.
- The teeth are positioned lingually so as to
- accomodate premolar & molars.

3) Mesial tilt.
- The roots of maxillary central & lateral incisors are curved mesially to accomodate the erupting canine.
- If proper space is not provided to canine it won't erupt into oral cavity.



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Supplement Sheet

Name of the Student Pratiksha Chavan.
Name of the Examination ~~DY~~ 3rd internal assessment Class I
Subject DADH
Roll No. 14 Date 1/12/21
Supplement No. 2 Invigilator Signature

4) Elevations and depressions on tooth surface.

→

(1) Elevations

(i) Ridge. → linear elevation on tooth surface.
- Marginal ridges present on mesial & distal sides of all tooth
- Triangular ridge → present on posterior teeth. Descends from cusp tip. Ex: Premolars & molars.
- Transverse ridge → formed when 2 triangular ridges.
- oblique ridge → passes obliquely on tooth surface. Ex: maxillary 1st molar.

(ii) Cingulum → present on lingual side of anterior teeth.

(2) Depression.

(i) Fossae → depression present on ~~ant~~ post tooth
Ex: V-shaped fossa in maxillary
- Triangular fossa → mesial & distal Ex: premolars & molars

(ii) Groove → linear depression
- central → Ex: ~~max~~ molars, premolars.

(iii) Pits → Pin point depression on tooth surface.

5) Type traits of Maxillary premolars.
→ Difference between types of premolars in m.

Maxillary 1st premolar	Maxillary 2nd premolar
- Has 2 cusps (one large buccal & a smaller lingual	- Has 2 cusps of equal heights.
- Has 2 roots → Buccal and lingual	- Has single root.
- The central groove is placed a bit lingual.	- Central groove is placed centrally.
- Presence of mesial marginal developmental groove	- No mesial marginal developmental groove.
- A mes Mesial pit is present at end of MMDG	- No mesial pit.
- Dimensionally bigger.	- Dimensionally smaller.
- Mesial cusp slope is longer than distal cusp slope	- Distal cusp slope is longer than mesial cusp slope.

6)

Tooth Numbering system.

(1) Universal System.

Accepted by ADA. Permanent teeth → 1 - 32

- Each tooth has a specific number.
- Drawback → it is time consuming.
- Primary teeth → A - T.

			A	B	C	D	E	F	G	H	I	J				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Maxilla
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	Mandible
			T	S	R	Q	P	O	N	M	L	K				

(2) FDI System.

- The tooth are numbered according after giving number to each quadrant.
- More convenient while sharing information about tooth.
- Ex: 11 (first number denotes quadrant and the second number gives tooth.
- 11 → is Primary maxillary central incisor.
- 1-4 ~~no~~ quadrant number is given to primary teeth
- 5-8 → ~~no~~ " " permanent.
- Primary

Left (2)					(1) Right				
25	24	23	22	21	11	12	13	14	15
35	34	33	32	31	41	42	43	44	45
(3)					(4)				

- Permanent.

(6)								(5)							
68	67	66	65	64	63	62	61	51	52	53	54	55	56	57	58
78						72	71	81	82	83					88
(7)								(8)							

Most widely accepted tooth numbering system.

(3) Zsigmondy Palmer notation.

- It is ~~based~~ written in quandrants.
- Ex: ✓For Deciduos maxillary Right central incisor
  ↳ |A.
  ✓ for Permanent mandibular ~~Rio~~ Left canine
  ↳ 3|
- A-E → for primary teeth &.
- 1-8 → for permanent teeth.
- Inconvenient for communication

~~(5)~~

(4) Denmark notation.

- Here + sign is used for maxillary arch &
  - sign for mandibular arch.
- For primary teeth, 0 is added before number.
- Not widely accepted.

(5)

20 - 21

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Supplement Sheet

64/80

Name of the Student Pratiksha Chavan

Name of the Examination Third Internal Practical Examination Class I

Subject Dental Anatomy and Oral Histology

Roll No. 14 Date 8/12/21

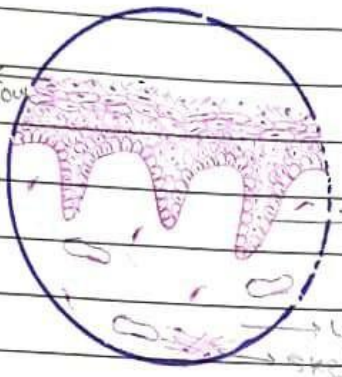
Supplement No. Invigilator Signature

Seen & No complaint - Chavan

Slides	32 24	(35 marks)
Specimen	14	(25 marks)
Carving	13	(20 marks)
Journal + Communication Skills (10 marks)	05	

56 | 80

1) Gingiva



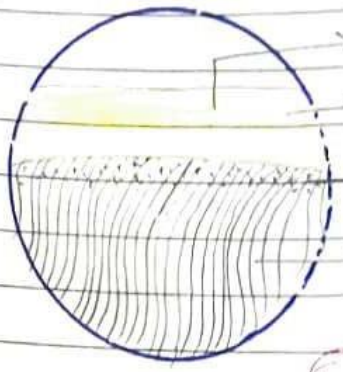
4

2) Mucous Salivary Gland.



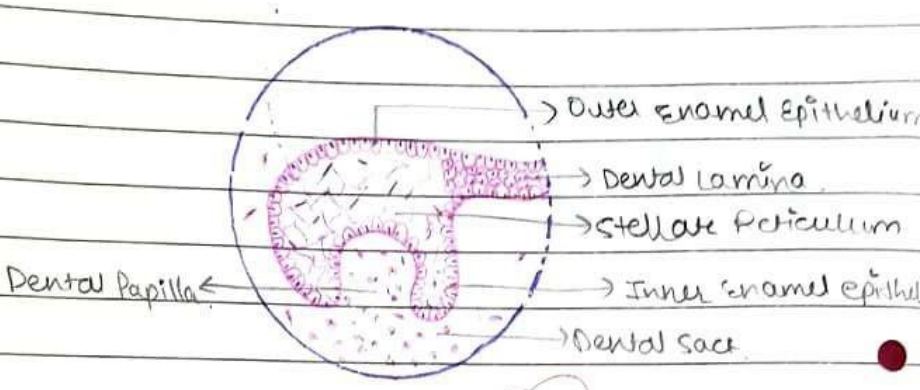
4

3) Tomes Granular layer.



4

4) Cap stage of tooth Development.



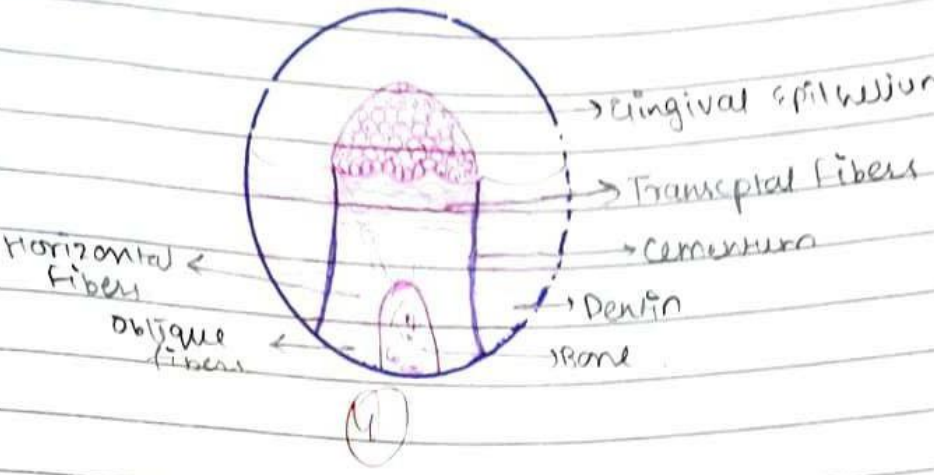
4

5) Enamel tufts.



4

c) Transseptal fiber.



(4)

7) Tooth → Permanent Mandibular Left 1st premolar.
- FDI → 34
- Age of eruption → 10-11y
- Key identifying features
① Mesiolingual developmental Groove.
② Larger & broader buccal cusp.
③ & Very small lingual cusp.
④ Crown ~~is~~ appears tilted on lingual side.

(4)

8) Tooth → Permanent Maxillary Left 1st Molar.
- FDI → 26
- Age of Eruption → 6y.
- Key Identifying features
① cusp of carabelli on lingual side of Mesiolingual cusp
② oblique ridge passing from Mesiolingual to Distobuccal cusp
③ Transverse ridge from Mesiolingual to Mesiobuccal cusp
④ 3 roots → 2 buccal (Mesial & distal) & 1 lingual.

(3)

9) Cast → Mixed dentition.
- Arch of cast → Mandibular.
- No. of teeth

	Maxilla
G E D C B A	A B C D E G
	Mandible

- Age of cast → 7-8 y.
- Key features
(1) Smaller mandibular central Incisors.
(2) Lateral Incisors are bigger than central incisors.
(3) Presence of Permanent ~~molar~~ mandibular 1st molar.

3·5

10) Cast → Deciduous dentition
- Arch of Cast → Maxilla.
- No. of teeth.

L D C B A	A B C D E

- Age of cast → 2.5 - 6 y.
- Key features.
(1) Mesiodistally wider central incisors but cervico-occlusal shorter.
(2)

3·5

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Internal Assessment Examination

10/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet. • Rough Work Must Not Be Done On The Answer Sheet. • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) (●) RIGHT (A) (B) (●) (D)

SEAT NO. IN WORDS	FOURTEEN (14)
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	SECOND INTERNAL ASSESSMENT EXAMINATION
SUBJECT	DENTAL ANATOMY AND ORAL HISTOLOGY
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

1	4			
●	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	●	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
0	0	0	0	0

QUESTION BOOKLET VERSION NO.

A	A	1	1	1
B	B	2	2	2
D	D	3	3	3
G	G	4	4	4
M	M	5	5	5
N	N	6	6	6
P	P	7	7	7
S	S	8	8	8
U	U	9	9	9
		0	0	0

ANSWERS

	A	B	C	D		A	B	C	D		A	B	C	D
1	A	B	●	D	11	A	●	C	D	21	A	B	C	D
2	A	B	C	●	12	A	B	●	D	22	A	B	C	D
3	●	B	C	D	13	A	B	●	D	23	A	B	C	D
4	A	B	●	D	14	A	●	C	D	24	A	B	C	D
5	A	●	C	D	15	A	B	●	D	25	A	B	C	D
6	●	B	C	D	16	A	B	●	D	26	A	B	C	D
7	A	●	C	D	17	A	B	●	D	27	A	B	C	D
8	A	●	C	D	18	A	●	C	D	28	A	B	C	D
9	●	B	C	D	19	A	●	C	D	29	A	B	C	D
10	A	B	C	●	20	●	B	C	D	30	A	B	C	D

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

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Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon Pune - 412105

Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior / Junior Supervisor Or Who Is Rude Or Disobedient Is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student PRATIKSHA SAMBHAJI CHAVAN

Name of the Examination SECOND INTERNAL ASSESSMENT Class BDS I

Subject DENTAL ANATOMY AND ORAL HISTOLOGY

Roll No. 14 Date 22/06/2021

Pledge

I hereby declare that I have gone through the instruction given above & pledge to abide by them.

P Chavan.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											10
Marks obtained in Section B	1.5	1	1	1	1.5	6					12
Marks obtianed in Section C	2	1.5	1.5	NA	1.5	2.5					09
Grand Total											31/60

Seen & No. Complaint

P Chavan

Student's Signature

Dr Deepa

Name & Signature of Subject Teacher

Dr Deepa

Name & Signature of IC / H.O.D.

SECTION-B.

Q1.

1) Ductal system of major salivary glands is divided into three ducts namely:

(1) Intercalated
(2) Striated
(3) Excretory

- Intercalated duct:

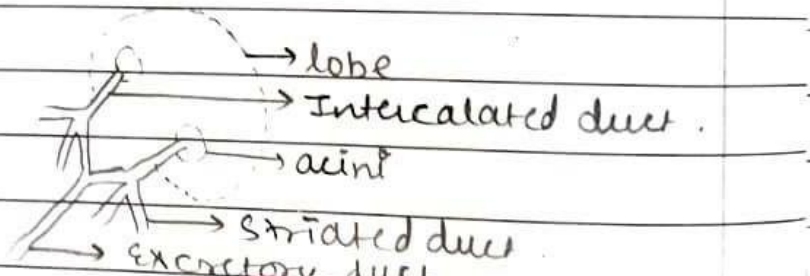
✓ It arises from ~~acini~~ each acinus present in a complete lobe.

- Striated duct

✓ ~~Intercalated~~ Further the intercalated ducts give rise to striated ducts.

- Excretory ducts

✓ All the striated ducts drain into a single excretory duct ultimately pouring its secretion into blood stream.



1·5

2)

→ Functions of Periodontal ligament

- Anchorage
- It supports the tooth framework from any masticatory forces.
- It holds the tooth tight into its functional position.
- It gives

(1)

4) Histological Structure of Bundle bone.

- Bundle bone is a compact bone.
- It is formed by uniform collagen fibers.
- The collagen fibers involved in ~~this bone~~ formation of this bone are produced by fibroblasts.

(1)

3) Enumerate the theories of ~~evolution~~ eruption.

→

(1) Bony Remodeling theory

- According to this theory the tooth erupts due to continuous ~~for~~ formation and resorption of bone.

(2) Root pressure theory

- It states that the tooth erupts in the oral cavity due to the ~~reversal~~ reversal pressure ~~that~~ experienced by the crown.
- When root grows down into jaw the alveolar bone experiences a force which is transmitted upwards and likewise the ~~roo~~ tooth erupts in the oral cavity
- But later when several experiments were conducted it was found that if the crown is pinned and kept in the jaw it can still develop a root and erupt into its functional position.

(3) Vascular pressure theory

- According to this theory the ~~to~~ tooth erupts due to pressure applied by surrounding vascular fluid.

(4) Ligament Retraction theory

- It is the most widely accepted theory

According to this theory the periodontal ligament hold the tooth during its preeruptive phase.

5) Non-Keratinocytes

→ These are the cells which can never get converted into keratinocytes at any given stimulus.

- Different types of keratinocytes are:

① Melanocytes
② Merkel cells
③ Langerhan cells

(i) Melanocytes

- Origin ⇒ Neural crest cytoderm
- Function ⇒ Produces melanin pigment.
- These cells are dendritic in nature.
- The melanin produced by these cells has an important function in maintaining diurnal (sleep wake) cycle of mammals.

(ii) Merkel cells

- Unlike Langerhan and ~~melano~~ melanocytes these are non-~~dendritic~~ dendritic in nature.

(iii) Langerhan cells

- Location → almost everywhere in body.
- These are dendritic cells.
- They are defensive in nature.

1.5

Q2.

6) Oral mucous membrane is the moist tissue cell layer lining the oral cavity.

⇒ Classification of oral mucous membrane :

① Based on function
- Masticatory mucosa (25%)
- Lining mucosa (60%)
- Specialized mucosa. (15%)

② Based on histology
- Keratinized
- Non-keratinized
- Specialized

⇒ Structure of Gingiva.
- Gingiva is lined by stratified squamous keratinized epithelium
- Based on presence or absence of pyknotic nucleus keratinized epithelium is divided into orthokeratinized and parakeratinized epithelium
- Gingiva is lined by parakeratinized epithelium and falls under the category of masticatory mucosa.

- Cell layers of masticatory mucosa.

① Stratum Basale.

- Component of oral mucous membrane
  - Epithelial Tissue
  - Lamina Propria.

- Between these two layers there is a basement membrane which may show elevations (papillae) and depressions (rete pegs)
- Here, in gingiva the basement membrane shows long fork like rete ridges or pegs.

- Different layers of masticatory mucosa.

① Stratum basale.
- It is the innermost layer.
- ~~It is cuboidal~~ The cells are cuboidal to columnar in shape.
- This layer is superficially covered by stratum ~~spinosum~~ spinosum.

2) Stratum spinosum
- This layer is also known as prickel cell layer due to its prickling or spike like appearance.
- Here some cells move away from its arrangement and create some spaces giving it a prickling appearance.

3) Stratum Granulosum
- The cells of this layer are granular or oval in shape.

4) Stratum Corneum
- The cells of this layer are flat and compressed.
- On staining this layer with eosin and viewing under light microscope, the layer appears to be lightly stained.

- This layer consists of keratinohyaline granules.

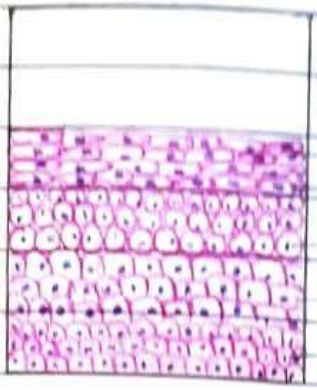


Fig. Layer of keratinized epithelium.

★ Applied.

- Healthy gingiva is marked by stippling on its surface.
- Stippling → pin point dep pits visible due to et concurrent elevations and depressions.

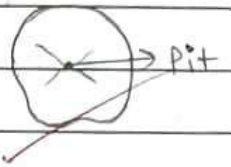
(b)

Section - C.

Q3.

1) Pit → It is defined as the pin point depression present on tooth surface

- The marginal grooves may end into a pit.



2) Fossa → It is a slight prominent depression on tooth surface.

Ex: Permanent maxillary central incisor has a 'W' shaped fossa on its lingual aspect.

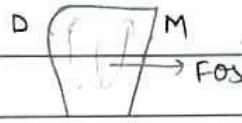
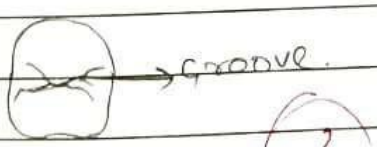


Fig: Lingual fossa in permanent maxillary central incisor.

3) Groove → Groove is a linear depression on to to tooth surface.

- It may be formed due to union of two triangular fossa.
- Grooves may be present on root also.



2) Occlusal aspect of maxillary 1st molar

→ - Geometric outline → Trapezoid.

- Mesial outline is ~~straio~~ almost straight and convex.
- Distal outline is also convex ~~and~~.
- There are 4 functional and 1 non-functional cusp that may or may not be present.

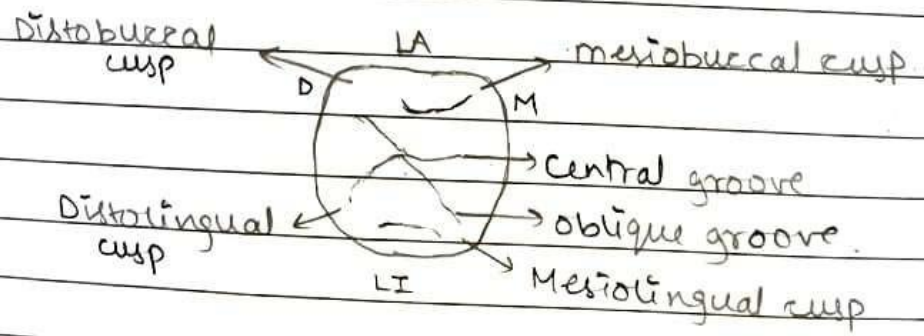
✓ 4 Functional cusps are:

① Mesiolingual (Largest cusp)
② Mesiobuccal
③ Distobuccal
④ Distolingual. (smallest cusp).

✓ 1 non-functional cusp is → Cusp of Carabelli.

- Grooves present are:

① Central groove → due to two triangular fossa.
② Oblique groove → that runs from from mesiobuccal, ~~ditto ma~~ distobuccal & distolingual margin.



1.5

3)

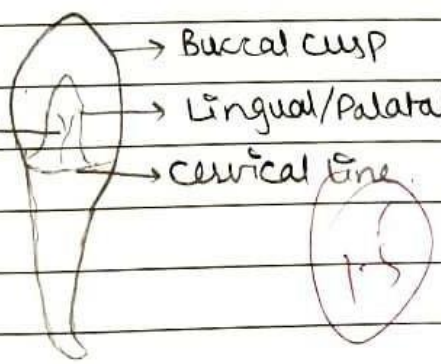
Maxillary 1st Premolar	Maxillary 2nd premolar
① The crown is ~~m~~ smaller	① Crown is bigger
② 2 cusps are present	② 2 cusps are present
③ Cusp tips are sharp or pointed	③ Cusp tips are less sharp.
④ Lingual cusp is longer than buccal cusp.	④ Both lingual & buccal cusps are of nearly same length.
⑤ The occlusal outline is rhomboidal	⑤ Occlusal outline is diamond or oval.
⑥ It has 2 roots (one buccal and one palatal)	⑥ Has single root.
⑦ Cervical line is slightly convex from mesial & distal side.	⑦ Cervical line is straight from mesial & ~~side~~ distal side.

1'5

5) Lingual aspect of first premolar (mandibular)

- It resembles the mandibular canine.
- Mesial outline is convex, the mesioincisal length is greather than distoincisal.
- There are 2 cusps visible from lingual side.
- ✓ 1 on buccal side and the other on lingual side the lingual cusp is shorter than the buccal cusp.
- ✓ The cusps are sharp & point.

- A 'Y' type of developmental groove is visible in lingual aspect of crown.
- It is a single rooted
- A development groove is present on mesial and distal side of root.
- Crown is broader at incisal 1/3rd and constricts at middle 1/3rd.
- Cervical line convexes towards the root and almost straight.



Q2.

6) Introduction

- It is the ~~six to~~ sixth tooth from midline.

⇒ Function

- Mastication
- Key of occlusion.

⇒ 5 aspects of tooth.

- Buccal or labial
- Palatal or lingual
- Occlusal
- Mesial
- Distal.

⇒ Buccal

- Geometric outline → Trapezoid
- A prominent mesial marginal ridge.
- Mesially it is convex and more thick from incisal to middle 1/3rd.
- Distally it is convex.
- 3 Roots and 5 cusps.

⇒ ~~Lingual~~

- 3 C

2·5

D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Practical / Clinical Examination Answer Book

Examination

Sr. No.

Name of the Student PRATIKSHA SAMBHAJI CHAVAN

Name of the Examination SECOND INTERNAL (PRACTICAL) EXAM Class BDS I

Subject DENTAL ANATOMY AND ORAL HISTOLOGY

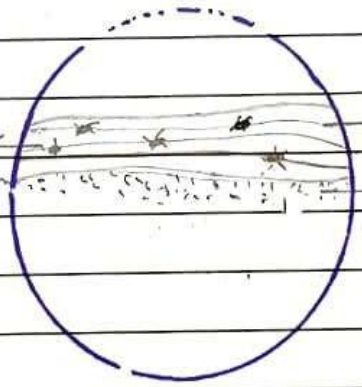
Roll No. 14 Date 24/06/2021

Students Signature [signature] "Seen No. Complaint"

Slides	13	(35 marks)
~~Specimen~~	10	(25 marks)
Carving	16	(20 marks)
Journal + Communication Skills (10 marks)		

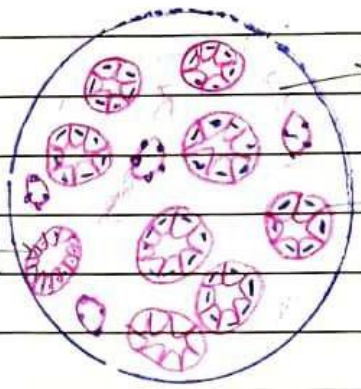
39/60 Pion.

1) Spot No. -1



1

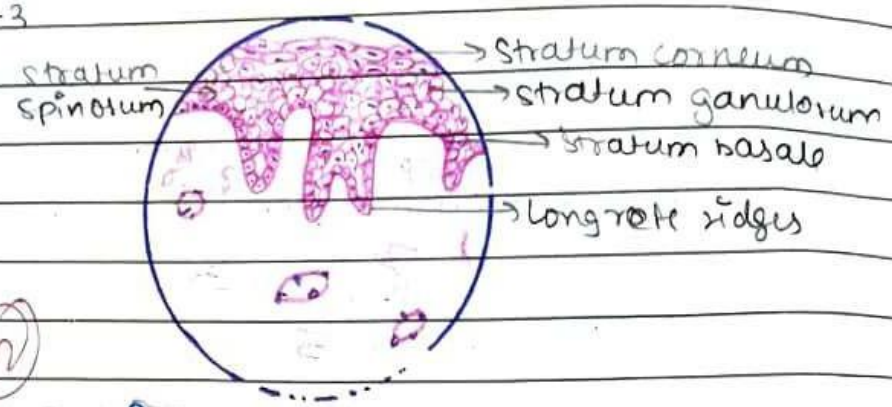
2) Spot No. -2



3

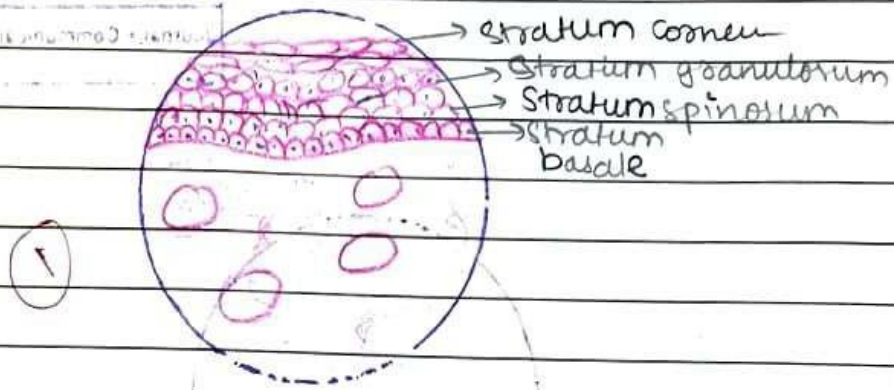
Mucous acini

3) Spot No.-3



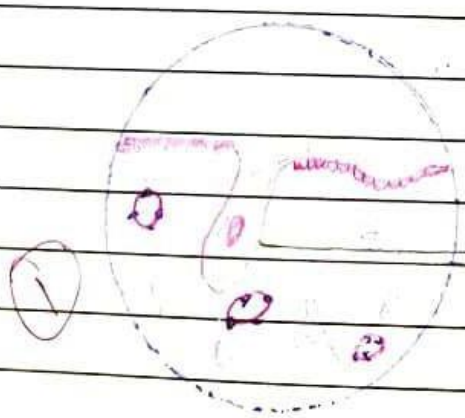
Stratified Squamous Parakeratinized epithelium

4) Spot No.-4



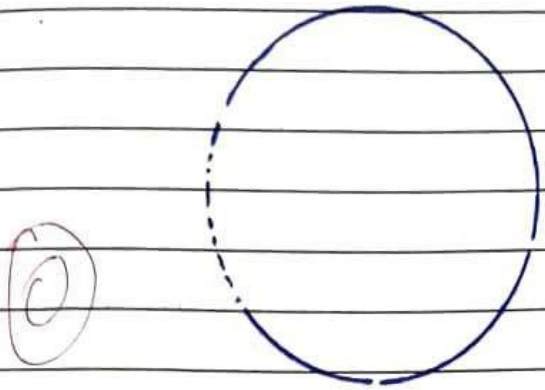
Stratified Squamous Orthokeratinized

5) Spot No.-5

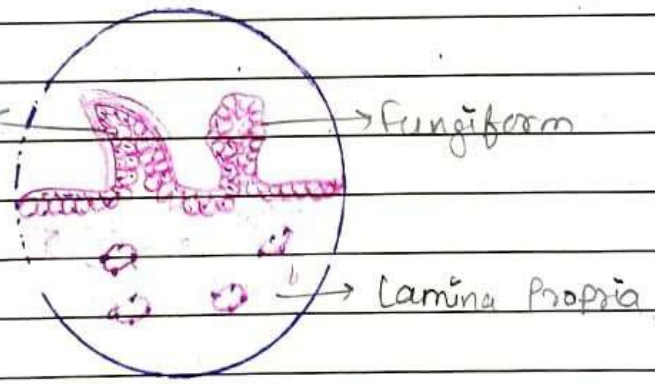


Vermilion border of lip

c) Spot No. - 6



7) Spot No. - 7



Fungiform & foliate papillae.

4) Spot No. - 8.

- ~~Identification~~ → - Age of eruption → 10-11 yrs
- FDI → 14.
- Identification Permanent maxillary 1st premolar.
Has two roots

9) Spot No.-9
- Identification → Permanent mandibular left canine.
- FDI → 33
- Age of Eruption → 8-9 years.
- Key features
(n)
① Single conical Root.
② Mesioincisal diameter is less than distoincisal
③ Labial surface is convex
④ Mesial outline is nearly straight with root.
⑤ Prominent cusp ridges
10) Spot no. 10
- Identification → Permanent maxillary ~~first~~ first molar.
- FDI → 16
- Age of eruption - 6 yrs.
- Key features
① 4 cusps are present ~~i.e., mesi~~
(h)
② 1 non-functional cusp i.e., cusp of Carabelli may be present
③ Has 3 roots (~~2~~ buccal & 1 palatal)
④ Has Oblique ridge from mesiolingual cusp to distobuccal.

Examination Record 2021 - 2022

D Y PATIL GROUP

D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Internal Assessment Examination

16/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) ● RIGHT (A) (B) ● (D)

SEAT NO. IN WORDS	Fifty Four
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	Internal - I st Exam
SUBJECT	DADH
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

QUESTION BOOKLET VERSION NO.

A (A)
B (B)
D (D)
G (G)
M (M)
N (N)
P (P)
S (S)
U (U)

ANSWERS

	A	B	C	D
1	(A)	(B)	●	(D)
2	(A)	(B)	●	(D)
3	(A)	●	(C)	(D)
4	(A)	(B)	(C)	●
5	(A)	(B)	(C)	●
6	●	(B)	(C)	(D)
7	(A)	(B)	●	(D)
8	●	(B)	(C)	(D)
9	(A)	●	(C)	(D)
10	(A)	(B)	●	(D)
11	(A)	●	(C)	(D)
12	(A)	(B)	●	(D)
13	(A)	●	(C)	(D)
14	(A)	(B)	(C)	●
15	●	(B)	(C)	(D)
16	(A)	(B)	●	(D)
17	(A)	(B)	(C)	●
18	(A)	(B)	●	(D)
19	(A)	●	(C)	(D)
20	(A)	(B)	●	(D)
21	(A)	(B)	(C)	(D)
22	(A)	(B)	(C)	(D)
23	(A)	(B)	(C)	(D)
24	(A)	(B)	(C)	(D)
25	(A)	(B)	(C)	(D)
26	(A)	(B)	(C)	(D)
27	(A)	(B)	(C)	(D)
28	(A)	(B)	(C)	(D)
29	(A)	(B)	(C)	(D)
30	(A)	(B)	(C)	(D)

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. : Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student: Vaishnavi Narayan Nakre

Name of the Examination: Internal - I Class: BDS-I

Subject: DAOH

Roll No.: 54 Date: 08/07/2022

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											16/20
Marks obtained in Section B	1.5	1.5	1	1	2	6					13/20
Marks obtained in Section C	1	1	0.5	1	0.5	6					10/20
Grand Total											39/60

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

6) There is lingual taper.

Section - B

(I)

(1) Histology of Pulp -

① Pulp contains nerves and blood vessels in it.

② Pulp is formed by differentiation of dental papilla

③ Pulp contains - i) odontoblast
ii) fibroblast
iii) Defense cells
iv) Pulp stones Pluripotent cells

④ Pulp is present below predentin.

⑤ Below predentin, odontoblast are present.

⑥ There is cell free zone present below odontoblast.

⑦ Below cell free zone, there is cell rich zone also known as zone of weil's.

⑧ At the time of any trauma or injury, odontoblast secrete tertiery dentin and moves downward into cell free zone.

⑨ If odontoblast die by any reason, then there are pleuripotent cells present in pulp, they produce new odontoblast and the secretion continues by odontoblast

⑩ After a certain age, the odontoblast secretion starts filling the root canal and pulp chamber due to which fluids in pulp are reduud.

⑪ Fibres are also present in pulp.

⑫ Plexus of nerves present in pulp also known as Plexus of Raskowh.

(15)

Functions of Pulp.-

① Inductive, Formative, Defense, Sensation, etc. are the funcations of pulp.

① Inductive -

① Pulp is formed by differentiation of outermost layer of dental papilla.

② That is they are formed by epithelial - ectomesenchymal interaction.

③

② Formative -

③ Defense -

- There are macrophages, mast cells, fibroblast present in pulp.
- These cells provide defense in any trauma or injury.

2) Bell Stage →

① Shape of crown is determined in bell stage.

② The region where inner enamel epithelium and outer enamel epithelium overlap or meet each other is called as cervical loop or zone of reflexion.

③ Inner enamel epithelial cells become tall columnar, nuclei is present at apex.

④ Inner enamel epithelial cells send signals to dental papilla cells to differentiate into odontoblast.

⑤ Now, Inner enamel epithelium cells are called as ameloblasts.

⑥ Stratum intermedium a squamous cell layer is present adjacent to Inner enamel epithelial cells.

⑦ Stratum intermedium shows high metabolic activity.

⑧ It plays important role in ameloblast nourishment.

⑨ Stellate reticulum cells are star shaped cells present between outer enamel epithelium and stratum intermedium.

⑩ They are star shaped cells

⑪ They contain glycosaminoglycans.

(12) Stellate reticulum collapses when first layer of dentin is laid down.

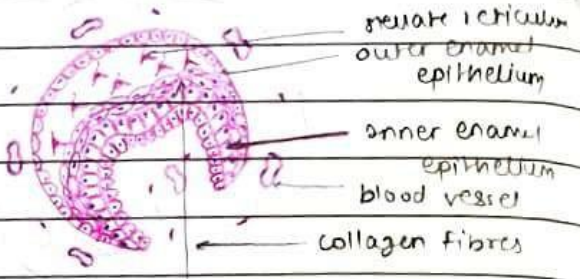
(13) After their collapse they can not be distinguished from stratum intermedium.

(14) Outer enamel epithelial cells are cuboidal in shape.

(15) They convert into folds for entry of capillary from dental sac for nourishment of ameloblast.

(16) This is called 'Reversal of nutritional source'.

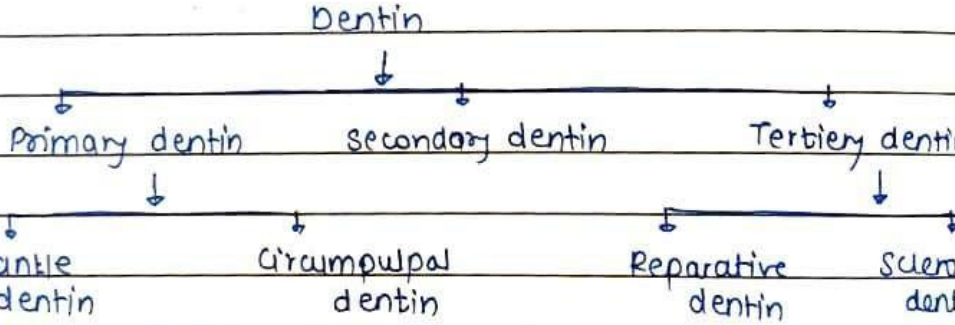
(17) The membrane formed between dental papilla and inner enamel cells just before odontoblast formation is called as 'Membrana Preformativa'.



• Bell Stage.

(2) Dentin is secreted by odontoblast.-

Classification of dentin is as follows-

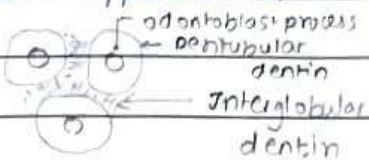


• Interglobular dentin -

① The globular dentin fails to coalesce into homogenous mass and forms the interglobular dentin.

② It is a hypomineralized structure or hypocalcified structure of dentin.

③ It can be seen under ground section.



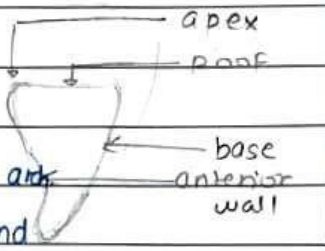
④ Histology of Maxillary Sinus -

① Maxillary sinus is the air filled cavity present in maxilla which opens through middle middle nasal meatus. and nasal vestibule.

② It is pyramidal in shape.

③ It can contain volumn of 15 cc.

④ Base of maxillary sinus is on nasal side with apex pointing toward zygomatic arch



⑤ Anterior wall is near canine fossa. and infraorbital foramen is also present there. Through which nerves passes which are running from roof of maxillary sinus.

⑥ Roof is present on base of orbital.

⑦ Another name for maxillary sinus are 'maxillary hiatus' and 'Antrum of Highmore'.

(1)

Functions of maxillary sinus -

① Resonance to voice.

② Humidifying and warming the inspired air by this it maintains body temperature

③ Lightening the skull

④ Contribute in facial growth

⑤

⑥

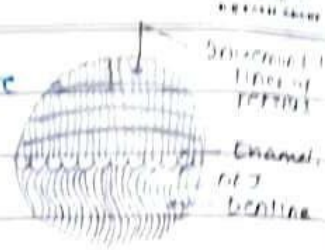
⑦

⑤ Hypocalcified structures of enamel are

① Incremental lines of Retzius -

i) They are the brownish bands.

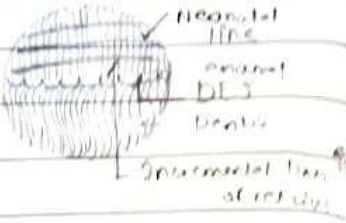
ii) Formed due to rest in enamel formation process.



② Neonatal lines -

i) They are accentuated form of incremental lines of retzius formed due to prolonged rest in enamel formation during birth.

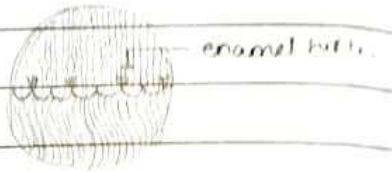
ii) They divide prenatal and postnatal enamel.



③ Enamel tufts -

i) They are ~~way~~ thin, wavy, ribbonlike structure pass across Dentinoenamel junction.

ii) They look like tuft of grass.



④ Enamel lamella -

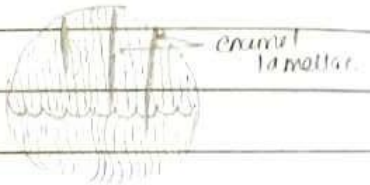
i) They are leaf-like structure appear from enamel surface.

ii) They are of 3 types -

Type A - Poorly calcified enamel rods
- reach into enamel only

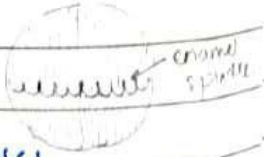
Type B - Degenerated cells present
- reach upto DEJ

Type C - filled with organic matrix
- May enter into dentin.



⑤ Enamel spindles -

- They are formed by odontoblastic processes entering enamel.



(II)

⑥ Definition - Oral mucous membrane is the moist lining covering the oral cavity and pharynx.

Classification - It is based on two types.

Oral Mucous Membrane

Functional			Histological	
Lining Mucosa	Masticatory Mucosa	Specialized Mucosa	Keratinized Mucosa	Non-keratinized Mucosa.
ex. Buccal Mucosa, Labial Mucosa, ventral surface of tongue, Alveolar Mucosa, Soft palate	① Hard palate ② Gingiva	Dorsum of tongue with taste buds	① Gingiva ② Hard palate (lateral)	① Buccal Mucosa ② labial Mucosa.

Functions of oral mucous membrane -

① Protection -
- They provide barrier to micro-organisms present in oral cavity.

② Secretion -
- They secrete saliva which makes oral cavity moist.

③ Sensation -
- They sense cold, hot stimuli.

④ Thermoregulation
- Feature of dogs.

Macroscopic and Microscopic structure of dorsal surface of tongue -

① There is V-shaped line present called as sulcus terminalis which divides tongue into anterior 2/3rd ~~one~~ third and posterior ~~two third~~ 1/3rd.

② Anterior portion is supplied by Trigeminal nerve and posterior portion is supplied by Glossopharyngeal nerve.

③ There are papillae present in the dorsum of tongue -

1) Circumvallate papilla -

① It is present anterior to sulcus terminalis

② They are 8-10 in number

③ They contain ~~taste~~ numerous taste buds

④ They are keratinized.

2) Filliform papilla -

① They are present in anterior 2/3rd.

② They donot contain taste buds

③ They are keratinized.

3) Fungiform papilla -

① They are interspread between filliform papillae.

② They contain few taste buds. in posterior part.

③ They are mushroom shaped.

4) Folliate papilla -

① They are leaf-like.

② They are present in posterolateral region.

③ They contains taste buds in folds. in posterior region.

Taste buds -

① They are barrel shaped

② They have 10-12 neuroepithelial cells.

③ They are surrounded by flat epithelial cells.



Taste Map -

Sweet - Tip of tongue

Salty - lateral

bitter - Posterio. middle

Sour - Posterio. lateral

Section - C

(I)

① There are 3 tooth numbering system-

① Universal numbering system

② Federation Dentaire Institution (FDI)

③ Palmer / Zsigmondy numbering system

- FDI numbering system.
- It is a two digit system.
- for permanent dentition -

18 17 16 15 14 13 12 11	21 22 23 24 25 26 27 28
48 47 46 45 44 43 42 41	31 32 33 34 35 36 37 38

1st number is denoted as quadrant
2nd number denotes tooth number.

Example - 15 → Permanent maxillary right second Premolar.

- for deciduous dentition -

55 54 53 52 51	61 62 63 64 65
85 84 83 82 81	71 72 73 74 75

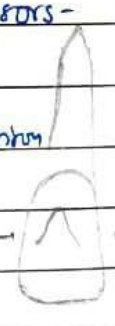
Example - 63 → Deciduous maxillary left canine.

② Lingual aspect of maxillary lateral incisors -

① Shape of crown is trapezoidal

② Mesial outline is less convex in comparison to distal outline

③ Incisal outline is straight.



④ Root is pointed and cone shaped.
⑤ There is cingulum and lingual fossa present on it.
⑥ They are less ~~pro~~ more prominent in comparison to maxillary central incisors.

3 Set traits of maxillary central incisors.
① Crown of permanent teeth are ~~smaller~~ mesiodistally wider than primary teeth.
② Permanent maxillary central incisors have mamelons, primary maxillary central incisors don't have mamelons.

0.5

4 Elevations -
① Cusp.
- It is round elevation present on surface of tooth
- It develops from developmental lobes

② Ridge.
- Linear elevation present on surface of tooth
i) Marginal ridge -
Present on occlusal surface on Premolars and molars on lingual surface in incisors and canines.

ii) Triangular ridge - Present in molars and premolars
They descend down from cusp tip till occlusal surface

iii) Transverse ridge
Join the lingual & buccal triangular ridge.

iv) Oblique ridge
- Present in molars

1

o) there is lingual taper.

③ Tubercles -
- Extra formation of enamel on tooth surface

Depressions -
① Groove - linear depression

② Sulcus - Valley like depression

③ Fossa - Concavity present on tooth surface
1) Lingual Fossa - Present on incisors and canines
2) Triangular Fossa - Present on molars and premolars
3) Central fossa - Present in molars.

⑤

	Permanent dentition	Deciduous dentition
1)	They are 32 in number	They are 20 in number.
2)	Incisors (central, lateral) Canine, Premolar, molars present	Incisors (central, lateral) Canine, molars present
3)	$\frac{I\ 2 + C\ 1 + M\ 2}{2 \quad 1 \quad 2} = \frac{5}{5} = 10$	$\frac{I\ 2 + C\ 1 + PM\ 2 + M\ 3}{2 \quad 1 \quad 2 \quad 3} = \frac{8}{8} = 16$
	$I\ \frac{2}{2} + C\ \frac{1}{1} + PM\ \frac{2}{2} + M\ \frac{3}{3} = \frac{8}{8} = 16$	$I\ \frac{2}{2} + C\ \frac{1}{1} + M\ \frac{2}{2} = \frac{5}{5} = 10$
4)	Crown is Mesiodistally wider	Crown is mesiodistally less wide

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Supplement Sheet

Name of the Student: Vaishnavi Narayan Nakve

Name of the Examination: 1st Internal exam Class: BDS-I

Subject: DADH

Roll No.: 58 Date: 8/7/22

Supplement No.: 1 Invigilator Signature:

⑥ ~~AAA~~ Permanent maxillary canine -

- They are the most stable tooth in arch
- They are strongest tooth
- They have longest root.
- They are also called as corner stone, eye tooth
- They have single cusp so they are also called as cuspids.



Labial aspect

Labial aspect -

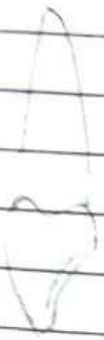
1) Hexagonal in shape
2) It has 2 slopes mesial and distal
3) Mesial slope is shorter than distal slope
4) Root has distal tilt.
5) It has a labial ridge
6) Cusp is in axis with root tip.



Lingual aspect

Lingual aspect -

1) Hexagonal in shape
2) It has cingulum and a lingual ridge which divides lingual fossa in mesiolingual & distolingual fossa.
3) Root has distal tilt.
4) Root is pointed
5) Root is bulbous.
6) There is lingual taper.



Mesial aspect

Mesial Aspect -

1) Labial outline is little convex at cervical 3rd and then it's straight till insical third.
2) Root is conical
3) It is wedge or triangular shaped.



Distal aspect

Distal Aspect -

1) Cervical curvature is less convex than mesial aspect.
2) Lingual outline is S-shaped.
3) It is convex in cervical third then becomes concave in middle third and again convex in incisal third.



Incisal Aspect

Incisal Aspect -

1) It is oval shaped
2)

Arch trait. -

Maxillary canine	Mandibular canine
1) Crown is shorter (10.5mm)	Crown is longer (11mm)
2) Root is longer	Root is shorter
3) Labial ~~aspect~~ outline is more convex	Labial ~~aspect~~ outline is less convex.

4) Cingulum & lingual fossa are more prominent

4) Cingulum and lingual fossa are less prominent.

Class trait -

① Maxillary canine has the longest root than all tooth in arch.

② Only ~~single root~~ cuspids in arch.

③ They have most thick root than other tooth in arch.

6

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Practical / Clinical Examination Answer Book

Examination

Sr. No.

Name of the Student Vaishnavi Narayan Nakre

Name of the Examination 1st Internal Exam Class BDS - I

Subject DADH

Roll No. 54 Date 12/7/2022

Students Signature Vaishnavi "Seen No. Complaint" Yes.

Slides	17	(35 marks)
Specimen	11	(25 marks)
Carving	15	(20 marks)
Journal + Communication Skills		(10 marks)
	43	60

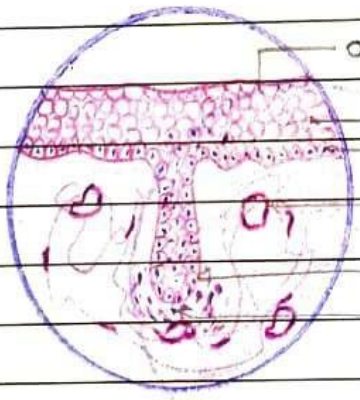
1)



This slide is of ~~Circumpulpal~~ Circumvallate papillae

3

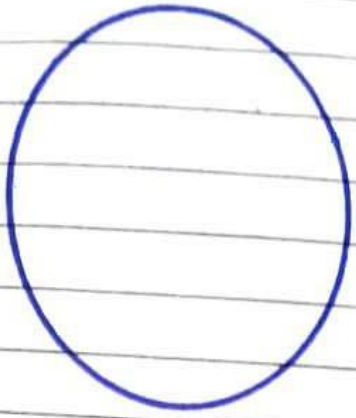
2)



3

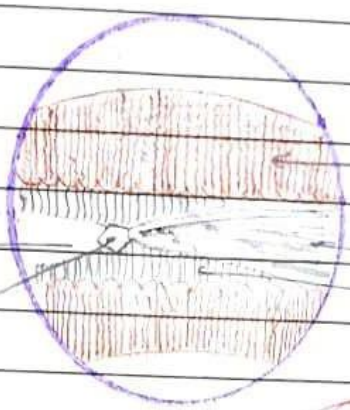
This given slide is of bud stage

3)



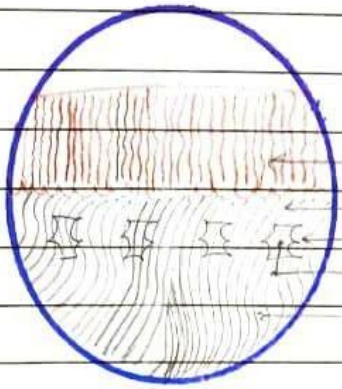
The given slide is of

4)



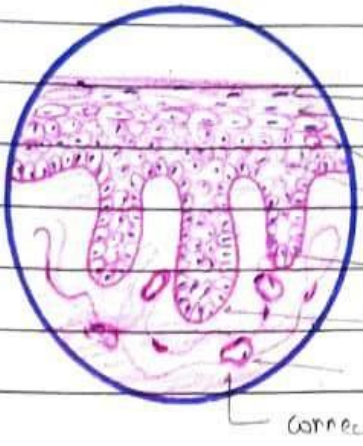
The given slide is of dead tracts.

5)



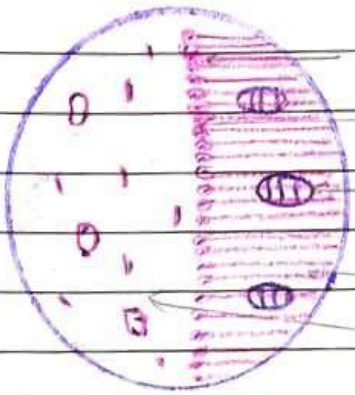
The given slide is of Interglobular dentin

6)



The given slide is of Gingiva

7)



The given slide is of Embedded dentide

8) The given specimen is of Permanent maxillary right side central incisor.

FDI - 11,

Age of eruption - 7-8 years

Features - 1) It is the most prominent tooth in dental arch

2) It is widest mesiodistally

3) It is has incisal angle 90° and distoincisal is rounded.

4) It has 'w' shaped lingual fossa

9) The given specimen is of permanent mandibular right canine.

FDI - 43

Age of eruption - 9-10 years

Features - 1) It has labial ridge and lingual ridge is less prominent

2) It has mesial slope shorter than distal slope

3) It has developmental grooves

4) It has distal tilt on root.

(3.5)

10) I

b) The given specimen is of permanent maxillary right lateral incisor

FDI - 12

Age of eruption - 8-9 years.

Features - 1) It has mesioincisal angle less rounded than distoincisal angle

2) The labial surface is less convex

3) It is shorter than maxillary central incisor.

4) It has conical tapering root.

(4)

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Internal Assessment Examination

SECTION A

Sr. No. 54

IMPORTANT INSTRUCTIONS | **Please Read The Instructions Carefully Before Writing**
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet. • Rough Work Must Not Be Done On The Answer Sheet. • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) (●) RIGHT (A) (B) (●) (D)

SEAT NO. IN WORDS	Fifty four
QUESTION BOOKLET VERSION NO. IN WORDS	Vaishnavi Narayan Nakre
NAME OF EXAMINATION	II - Internal Assessment Examination
SUBJECT	DADH
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

QUESTION BOOKLET VERSION NO.

A B D G M N P S U

ANSWERS

	A	B	C	D
1				●
2				●
3	●			
4				●
5			●	
6				●
7	●			
8			●	
9				●
10			●	
11				●
12			●	
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30				

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Vaishnavi Narayan Nakre

Name of the Examination IInd - Internal Assessment Class BDS-I

Subject DADH

Roll No. 54 Date 27/9/22

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No.	1	2	3	4	5	6	7	8	9	10	Total
Section											15/20
Marks obtained in Section A											11/20
Marks obtained in Section B	1.5	1	1.5	0.5	1.5	5					09/20
Marks obtained in Section C	0	1.5	2	1.5	0.5	3.5					35/60
Grand Total											

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

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Internal Assessment Examination

SECTION B & C

Sr. No.

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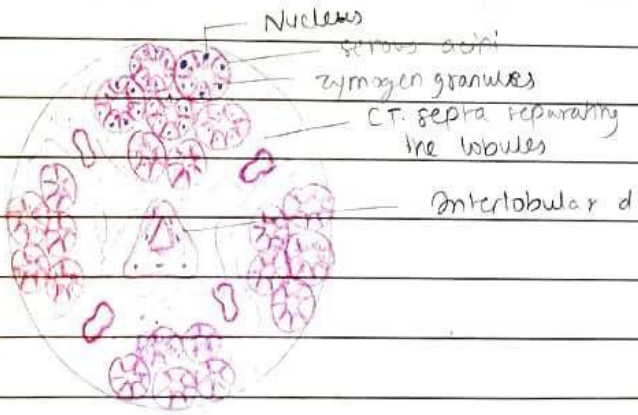
Section - B

1) ① i) Salivary glands originate from neural crest cells.
ii) They are secretory glands of oral cavity.
iii) They are classified on basis of their secretions.

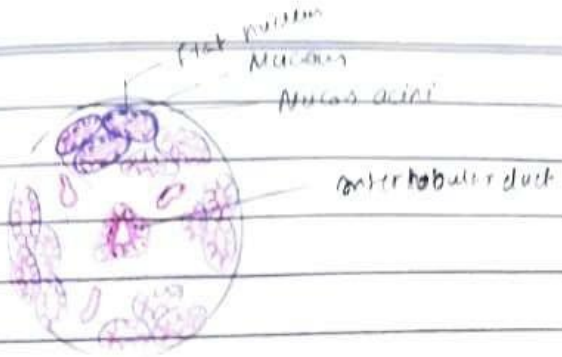
Salivary Glands

Serous | Mucous | seromucous

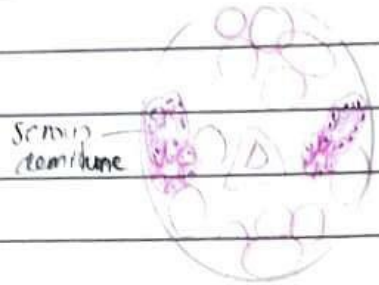
① Serous salivary glands -
(i) These glands are made up of serous acini, ducts & tubules.
(ii) These contain serous cells which are pyramidal in shape with basally placed large nucleus.
(iii) They have zymogen granules at apical end.
(iv) They are mainly present in parotid gland.



② Mucous secreting glands -
① These gland contain mucous cells.
② They are mainly Blandin and Nuhn's glands.

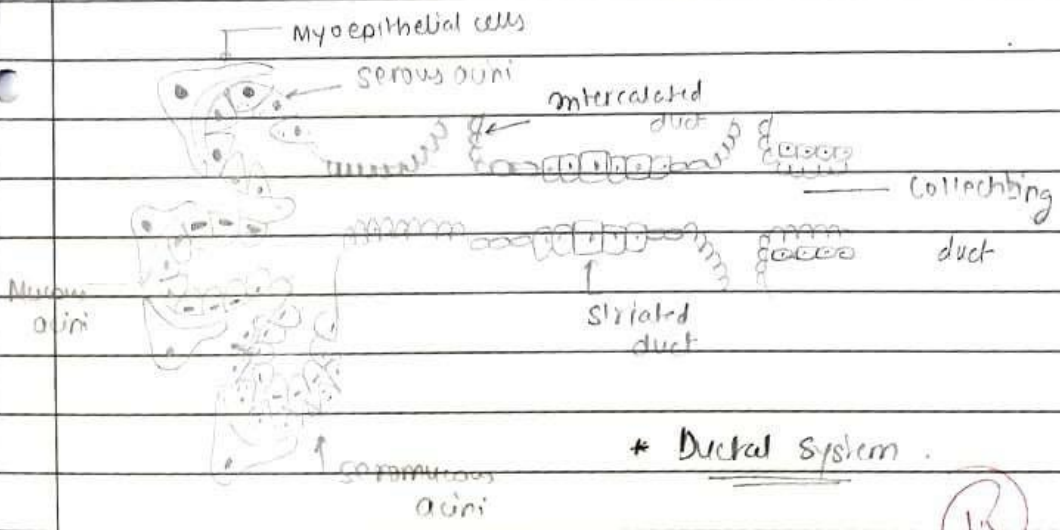


③ Seromucous - (Mixed) salivary gland -



- Ductal system of major salivary glands -

① Acini → Intercalated duct → Striated duct → Collecting duct.



* Ductal system.

② Ductal system consist of above ducts.

③ Ductal system helps in pouring secretions in oral cavity.

④ Myoepithelial cells contract & the secretion from lumen of acini are poured into intercalated duct.

and then into striated duct & they are collected by collecting duct.

(2) Alveolar bone -

Alveolar bone consists of -

1) Alveolar bone proper.

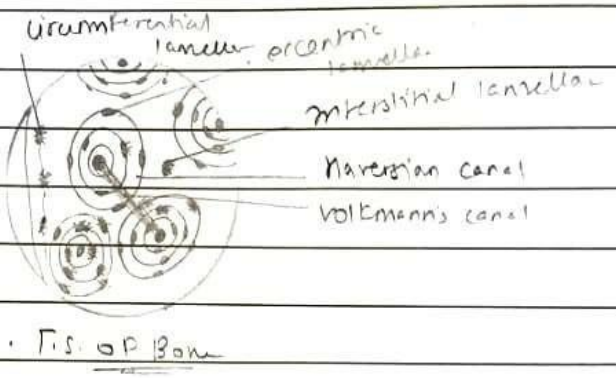
① Bundle Bone →

① Bundle bone is called as bundle bone because the principle fibres which attach bone with cementum that PDL is in form of bundles.

② The fibres which are inserting in bone and cementum are ~~known~~ called as 'Sharpey's fibres'.

③ Sharpey's fibres are large in bone than cementum.

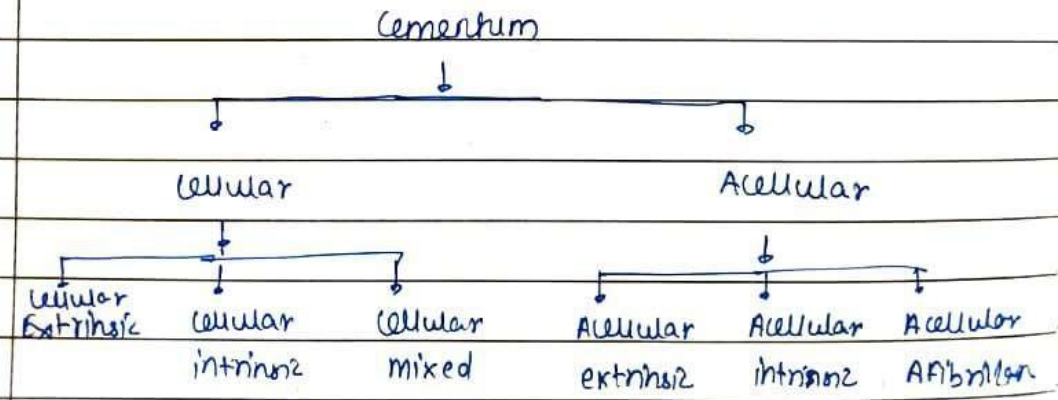
④ Bundle bone takes part in protein synthesis.

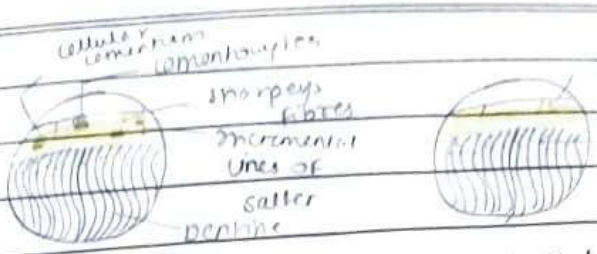


T.S. of Bone

(3) 1) Cementum is a yellowish coloured layer present over dentin and sometimes enamel.

2) It is classified as follows -





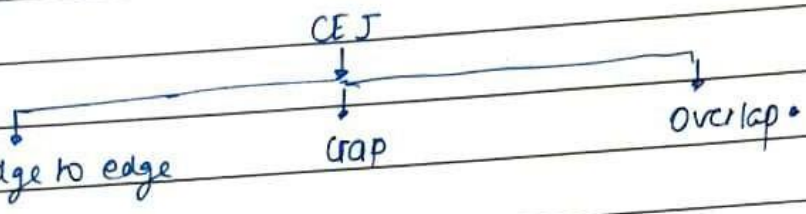
Cellular cementum

Acellular cementum

- Cemento-enamel junction -

① It is junction of point of contact of cementum and enamel.

② It is classified into 3 types -

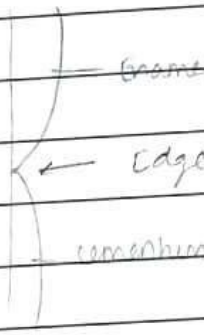


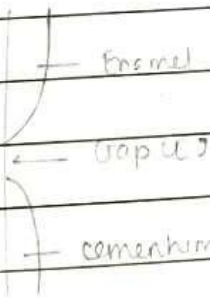
① Edge to edge -

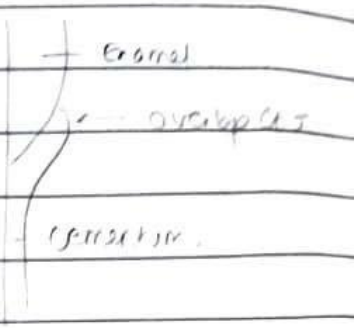
i) This type of CEJ is present in 30% of teeth.

ii)









④ Odontoclast -

- These are the dentine resorbing cells.

⑤ Eruption -

- Defn - Eruption is the movement of tooth from developmental position in jaw to functional position in oral cavity.

- Theories of eruption →

There are 4 theories of eruption -

1) Root formation theory.
2) Bone remodelling theory.
3) Vascular pressure theory.
4) Ligament traction theory.

- Vascular pressure theory -

1) This theory states that arterial blood pressure erupts the tooth.

(a) The hypertensive drugs leads to vasodilation.

↓

This leads to increase in hydrostatic pressure

↓

This leads to increase rate of tissue erection.

(b) The stimulation of sympathetic nerves leads to vasoconstriction

↓

leads to decreased hydrostatic pressure

↓

This leads to decrease in rate of tissue erection.

II) ⑥ Periodontium - It is the tissue which supports the tooth.

It includes - Cementum, PDL, Gingiva and bone.

• Functions of PDL -

They are - 1) Physical function
2) Remodelling and formative
3) Nutritive
4) sensory.

① Physical function -

i) They protect the tooth from the masticatory forces by transferring them in alveolar bone. And also protect the blood vessels and nerves.

ii) They connect bone with tooth.

iii) They maintain position of tooth during eruption.

② Sensory function -

① They ~~are~~ receive 2 type of stimulations - Pain and sensation

② Myelinated receptors receive sensational stimulus.

③ Proprioceptors and unmyelinated receptors receive pain stimulus.

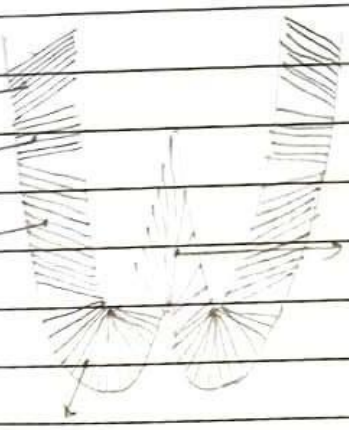
④ Proprioception is the unique property shown by PDL which helps in localization of pain.

• Gingival and principle group of PDL fibres -

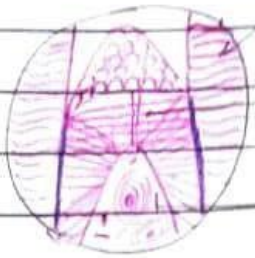
① Gingival group of PDL fibres are Transseptal fibres which connect cementum to cementum

② Principle group of PDL fibres are as follows -

	Origin and insertion	Functions.
① Alveolar crest.	Cementum to below the CEJ.	They prevent the extrusion of tooth.
② Horizontal	Cementum. attain below the alveolar crest.	They take up the tipping forces.
③ Oblique group	Cementum	They take up the vertical forces. They are the largest group of fibres.
④ Apical group	Cementum.	They take up the vertical forces and Lateral forces.
⑤ Interradicular group	Cementum	They are present only in multirooted tooth.



• Principle fibres of PDL

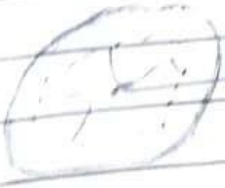


. Dentogingival group of fibers

• Development of PDL –
- It is developed from dental follicle –
- It contains remenants of HERS.

Section - C

(11) (1) Occlusal Aspect of permanent Mandibular 1st Molar



(10)

(2) Maxillary 1st premolar	2nd premolar
(1) FDI - 14, 24	- 15, 25
(d) Crown is more angular	- Crown is more rounded
(3) Eruption - 10-11 years	- Eruption - 10-12 years.
(4) Mesial slope is longer than distal slope	- Distal slope is longer than mesial slope.
(5) Mesial marginal develop. -mental groove is present on mesial side.	- No mesial marginal developmental groove present.
(6) Canine fossa is present on mesial aspect.	- No canine fossa presents.
(7) It is 2 rooted tooth	- Single rooted tooth.
(8)	

1.5

④ Compensatory curves -

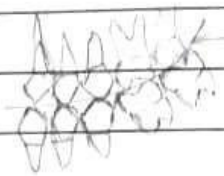
① Curve of Spee -

i) It is a 2D anteroposterior curve.

ii) It runs from cusp tip of canine to the mesiobuccal cusp tip of 2nd molar.

(ii) Mesial inclination → Maxillary 1st molar
Distal inclination → Mandibular 1st molar.
This is the maximum intercuspation.

iv) If mesial inclination is shown by mandibular molar and distal inclination by maxillary molar then it leads to malocclusion.



② Curve of Wilson -

i) It is a 2D Mediolateral curve.

ii) It is perpendicular to curve of spee.

iii) It shows maximum intercuspation when
Maxillary molar → buccally inclined
Mandibular molar → lingually inclined.

iv) If maxillary molar is lingually inclined and mandibular molar is buccally inclined then it shows malocclusion.



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Supplement Sheet

Name of the Student Vaishnavi Narayan Nakare

Name of the Examination _____ Class _____

Subject _____

Roll No. 54 Date _____

Supplement No. 1 Invigilator Signature _____

⑤ Curve of monoson -

① It is a 3D curve.

② It is a combination of curve of spee and wilson.

③ Its centre lies at Glabella (8 inches).

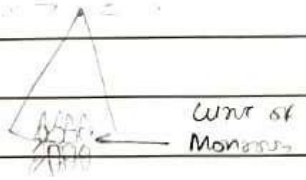
④ Maximum interruption -

Maxillary molar - buccally and mesially inclined

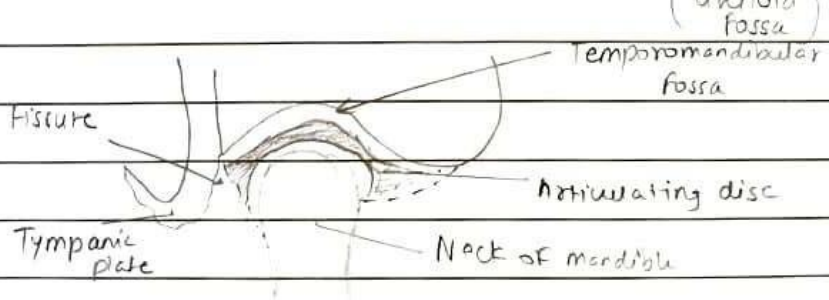
Mandibular molar - Lingually and distally inclined.

⑤ Otherwise it will lead to malocclusion

(2)



④ Anatomy of Temporomandibular joint.



① It is a synovial joint.
② It is lined by fibrocartilage
③ Ligaments of TMJ -
  ① Fibrous capsule.
  ② Stylomandibular ligament
  ③ Pterygomandibular ligament.
  ④ Sphenomandibular ligament
  ⑤ Temporomandibular ligament.
④ Articulating disc is present which separates upper and lower part of TMJ.

1.5

⑤ Permanent Mandibular 2nd Premolar -
Occlusal aspects -

H-type U type Y-type





0.5

(6) Permanent Maxillary 1st Molar

1) Largest tooth in arch.
2) Buccolingually wider than mesiodistally.
3) 5 cusps → 4 functional
   → 1 supplementary - Cusp of Carabelli
4) 3 roots → 2 buccal
   → 1 lingual

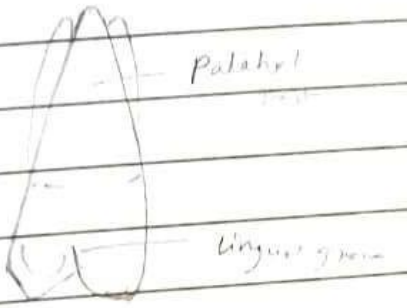


· Buccal Aspect -

1) convex - Mesial Buccal outline
2) convex - distal outline
3) Trapezoidal
4) Buccal groove present.
5) buccal pit present
6) bucaal surface convex.

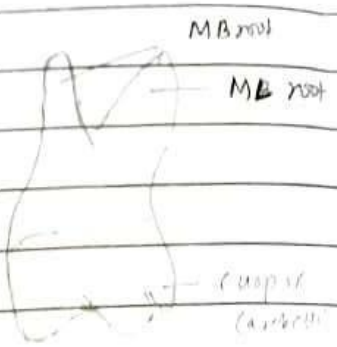
· Lingual Aspect -

1) Trapezoidal

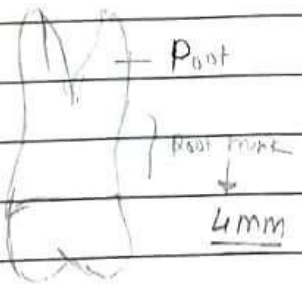


• Mesial Aspect -

1) Trapezoidal
2) Cusp of carabeli is present.
3) Mesiolingual is larger cusp.



Mesial aspect



Distal aspect

. Occlusal aspect--

1) ~~Hexago~~ Rhomboidal

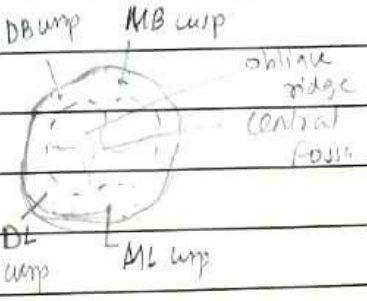
2) Elevation -

- 4 cusp with 4 triangular fossa.
- 2 triangular ridge

Mesial → Transverse ridge

Distal → Oblique ridge.





Occlusal Aspect

3) Depressions -

2 major and 2 minor Fossa

central Fossa

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Practical / Clinical Examination Answer Book

Examination

Sr. No.

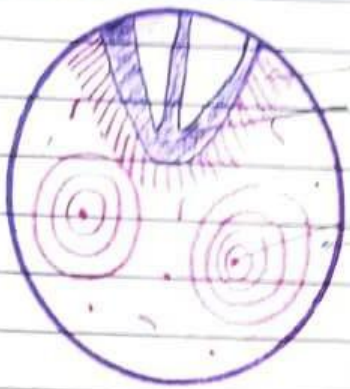
Name of the Student Vaishnavi Narayan Nakve

Name of the Examination 1st. Internal Practical Exam Class BDS-I

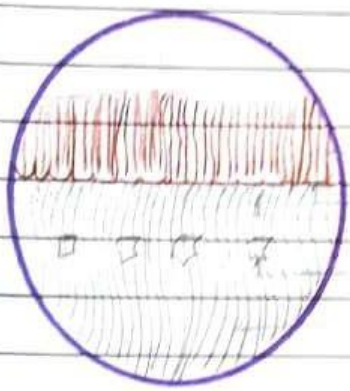
Subject DADH

Roll No. 54 Date 6/10/22

Students Signature Vaishnavi Seen No. Complaint Yes

① 

Given slide is of bundle bone.

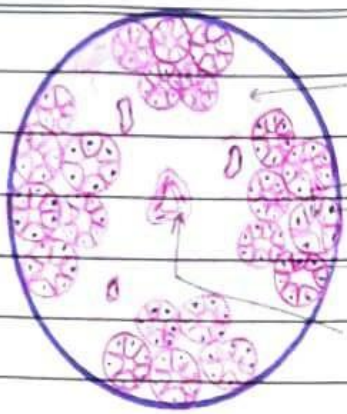
② 

Given slide is of interglobular dentin.

③ 

It is cellular cementum.

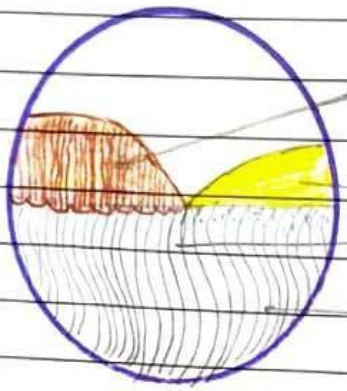
④



Given slide is of serous salivary gland

3.5

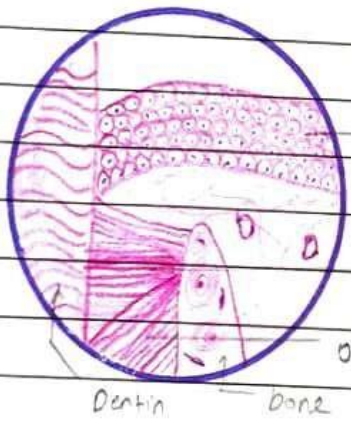
⑤



Given slide is of -
End to End CEJ

3.5

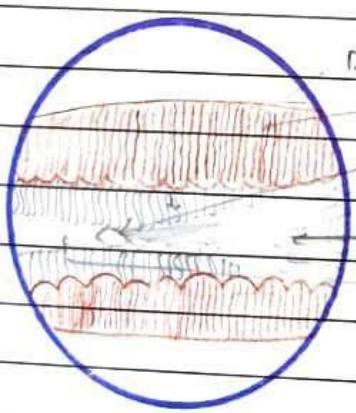
⑥



~~Horizontal~~ and ~~Bundle~~
Horizontal and oblique group of fibres.

3.5

⑦



Dead tracts

3.5

(8) Permanent mandibular left side 1st premolar

Age of eruption - 10-12 years.

FDI - 34

Features 1) Mesiolingual groove is present

2) Single root

3) Lingual tilt

4) Lingual cusp is smaller than buccal cusp

3

(9) Permanent maxillary ~~and~~ right side 2nd ~~p~~ molar

Age of eruption - 12-13 years

FDI - 17

Features - ① 3 roots present - 2 buccal & 1 palatal

② 4 cusps - cusp of carabelli absent

③ Mesiodistal width more than labiolingual width

④ Mesio~~buccal~~ lingual is the largest cusp.

2

(10) Permanent mandibular right side 2nd ~~pre~~molar

Age of eruption - 11-13 years

FDI - 47

3

Features - ① 2 roots - 1 mesial & 1 distal

② 4 cusps present

③ buccal groove present

④ Mesiodistal width is more than Baccolingual width.

(11)

(12)

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Vaishnavi Narayan Nakre

Name of the Examination III - Internal Assessment Class BDS-I

Subject DADH

Roll No. 54 Date 9/12/22

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											14/20
Marks obtained in Section B	0	2	2	2	2	5					13/25
Marks obtained in Section C	1	2	2.5	1	2	5					14/25
Grand Total									Viva:		06/10
											47/80

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

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Internal Assessment Examination

14/20

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) ● RIGHT (A) (B) ● (D)

SEAT NO. IN WORDS	Fifty four Vaishnavi Narayan Nakre
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	III - Internal Assessment
SUBJECT	DADH
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

5 4

QUESTION BOOKLET VERSION NO.

A B D G M N P S U

ANSWERS

	A	B	C	D		A	B	C	D		A	B	C	D
X	(A)	●	(C)	(D)	11	(A)	(B)	(C)	●	21	(A)	(B)	(C)	(D)
X	(A)	●	(C)	(D)	12	●	(B)	(C)	(D)	22	(A)	(B)	(C)	(D)
✓	●	(B)	(C)	(D)	13	●	(B)	(C)	(D)	23	(A)	(B)	(C)	(D)
✓	(A)	(B)	●	(D)	14	(A)	●	(C)	(D)	24	(A)	(B)	(C)	(D)
X	(A)	●	(C)	(D)	15	(A)	(B)	●	(D)	25	(A)	(B)	(C)	(D)
X	●	(B)	(C)	(D)	16	(A)	(B)	●	(D)	26	(A)	(B)	(C)	(D)
✓	(A)	(B)	●	(D)	17	(A)	(B)	(C)	●	27	(A)	(B)	(C)	(D)
✓	(A)	(B)	●	(D)	18	(A)	(B)	●	(D)	28	(A)	(B)	(C)	(D)
✓	(A)	●	(C)	(D)	19	(A)	(B)	●	(D)	29	(A)	(B)	(C)	(D)
X	●	(B)	(C)	(D)	20	(A)	●	(C)	(D)	30	(A)	(B)	(C)	(D)

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

Section - B

(I) ① Steps in tissue processing -

① Lab test

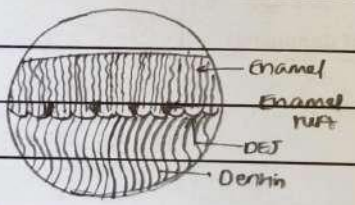
② Fixation

③

② Hypocalcified structure of enamel -

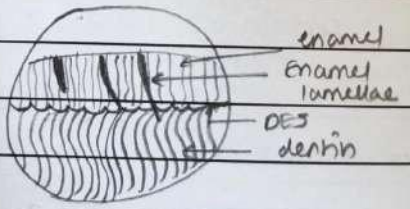
① Enamel tuft -

- Grass like projections



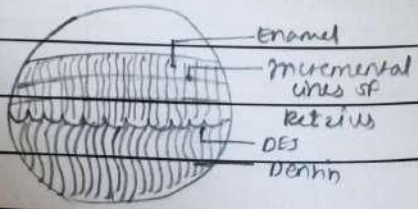
② Enamel lamellae -

- leaf like structure.



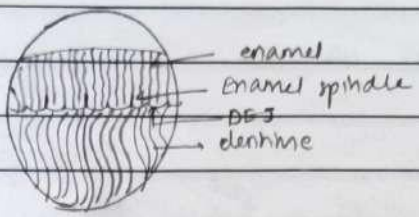
③ Incremental lines of Retzius -

- Brown bands present in enamel.



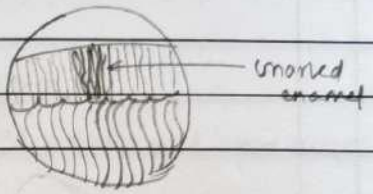
④ Enamel spindles

- Odontoblastic process that cross DEJ.



⑤ Unarled enamel -

- Intervening of enamel rods



6 Enamel lamellae -

Type I - Restricted in enamel

Type - II - Reach upto dej

- Degenerated cells

Type III - May enter into denthh

- cracks filled with organic nutrients.

⑧ Oral mucous membrane -

Definition - Moist lining covering the oral cavity and pharynx.

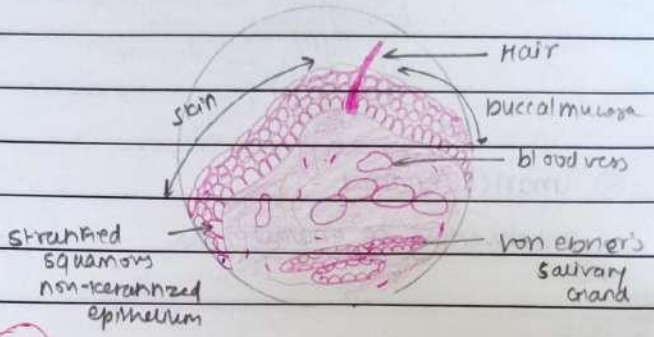
Vermilion border -

Definition - It is a junction between skin and mucosa.

① It is cupid's bow shaped.

② ~~Mucosa layer~~ It is a very rich vascular structure so it appears reddish in colour.

③ It contains sebaceous glands in skiny part.



2

④ Periodontium -

- It is supportive tissue containing cementum, periodontal ligaments ~~fibres~~, alveolar bone and gingiva.

Functions of periodontal ligaments -

① Protective
② Formative and remodelling
③ Nutritive
④ Sensory.

2

① Protective function -

i) They protect the tissues from strong masticatory forces.

ii) They help in the eruption of tooth.

② Formative and remodelling -

i) They contain Fibroblast which is a collagen fibres forming cell.

ii) Fibroblast also degrades collagen fibres by phagocytosis.

③ Nutritive function -

i) PDL has a very rich blood supply.

④ Sensory function -

i) PDL contains nerves which carry pain and pressure sensations.

ii) Nerves are both myelinated and non-myelinated.

iii) Myelinated nerve carries the pressure sensation

iv) Non-myelinated nerve carries the pain sensations.

v) They have proprioceptive receptors.

⑤ Special stains -

① Mallory's stain

② Masson's trichromatic stain

③ PAS stain

④ Van Geisson stain

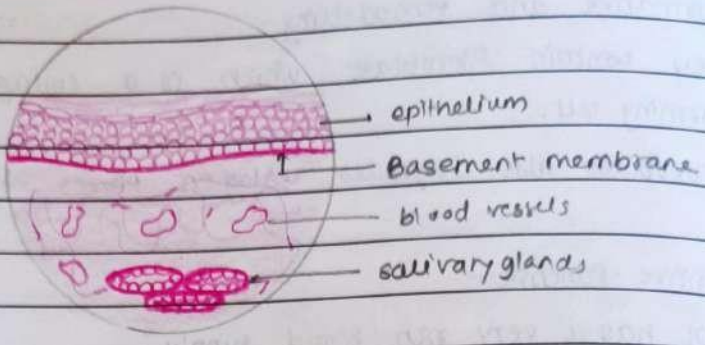
PAS stain -

① PAS stain stains the carbohydrates.

② So it stains basement membrane, salivary glands.

③ Colour stain is Magenta colour

④ Result: Nucleus - Purple
Cytoplasm - pink
basement membrane - Magenta.
Collagen fibres - Pink.


epithelium
Basement membrane
blood vessels
salivary glands

Q.2.

⑥ Physiological stages of tooth development -

① Initiation

② Proliferation

③

④

⑤

Morphological stages of tooth development -

① Bud stage

② Cap stage

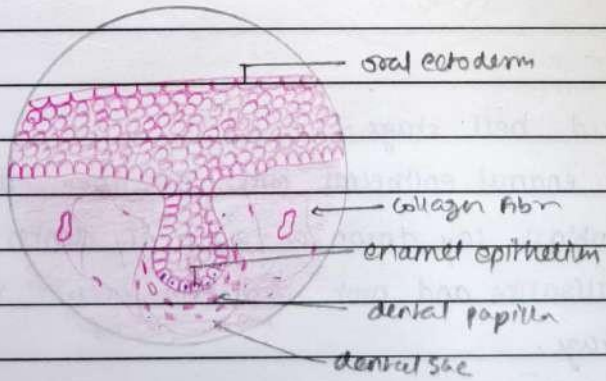
③ Bell stage

i) Early bell stage

ii) Advanced bell stage.

① Bud Stage -

- Enamel organ is bud shaped.
- It has enamel epithelium - low columnar.

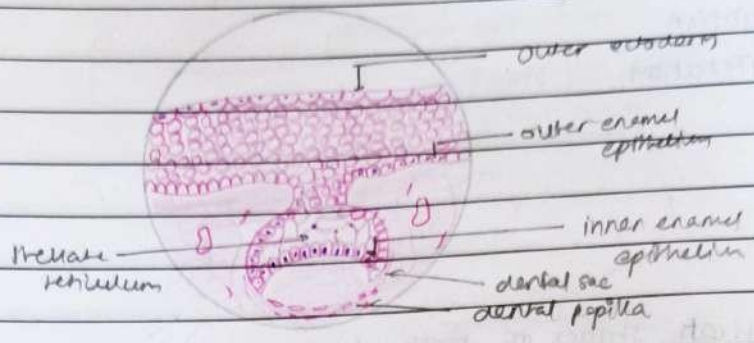


② Cap Stage -

i) It has outer enamel epithelial cells - cuboidal
inner enamel epithelial cells - low columnar.

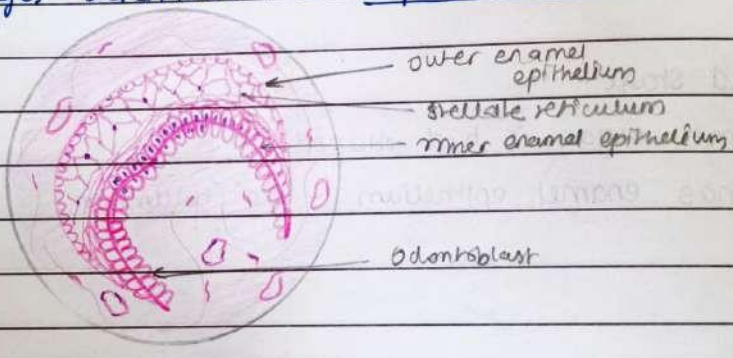
ii) It has stellate reticulum. - It is star shaped.

(ii) Due to the glycosaminoglycans, water is drawn out of the cells & they become star shaped.



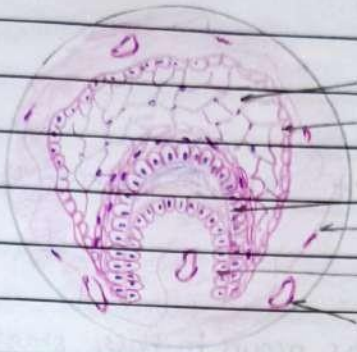
③ Early Bell stage -

1) Enamel organ becomes bell shaped
2) Inner enamel epithelium becomes tall columnar cells.
3) Dental papilla differentiates into odontoblasts.
4) Bell stages. determines the shape of crown and DEJ.



④ Advanced bell stage -

i) Inner enamel epithelial cells are now called ameloblast.
ii) Odontoblast lay down a layer of dentin.
iii) Mineralisation and root formation occurs in advanced bell stage.
iv) The cervical part forms Hertwig's epithelial root sheath.


stellate reticulum
outer enamel epithelium
Ameloblast
collagen fibers
odontoblast
blood vessels

5

Section - C

Q.3. ① Stages of deglutition -

① Oral stage -

- Smell, sight, thought leads to salivation.

② Gastric stage -

- Gastric juice secretions occurs in this stage.

③ Pharyngeal stage -

(1)

② Arch traits of maxillary 1st premolar -

i) Maxillary 1st premolar have 2 roots. but mandibular 1st premolar is single rooted.

ii) Maxillary 1st premolar has mesial marginal developmental groove, in mandibular 1st premolar it is absent.

iii) Mandibular 1st premolar has mesiolingual groove, in maxillary 1st premolar it is absent.

iv) FDI notation of maxillary 1st premolar is 14, 24 while mandibular 1st premolar - 34, 44.

v) Mandibular 1st premolar has lingual tilt while in maxillary 1st premolar it is absent.

vi) Mesial slope is longer than distal slope in maxillary 1st premolar while distal slope is longer in mandibular 1st premolar.

(2)

③ Elevations on surface of teeth -

1) Ridges -

- linear elevation on surface ~~of~~ of tooth.

Types -

1) Marginal ridge -

- It is present in incisors and canines on lingual surface.
- In premolars and molars it is present on occlusal surface.

~~a) Trans~~

2) Transverse ridge -

- It is the ridge formed by ~~the slopes of~~ 2 cusps in one line
- It is present in molars. (~~maxillary 1st & 2nd molar~~)

3) Oblique ridge -

- It is a ridge formed by 2 cusps placed obliquely.
- It is present on occlusal surface of ~~1st & 2nd molars~~ maxillary 1st & 2nd molars.

ii) Cusps - It is triangular elevation.

- It is present in ~~prem~~ canines, premolars and molars.

iii) Tubercle -

- It is the extra enamel present on enamel surface.

iv) Mamelons -

- They are the elevations present on newly erupted tooth.

④ Occlusion - It is interdigitation between the teeth of upper and lower jaw. It occurs due to jaw growth, Gum pads.

· Compensating curves -

i) Curve of spee -

- It is a 2D anteroposterior curve.
- Maximum intercuspation should occur.
- Mesial inclination shown by mandibular molar root
  Distal inclination shown by maxillary molar root.

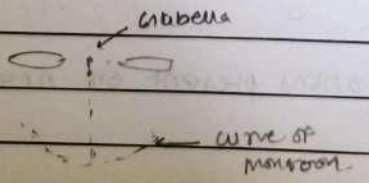
ii) Curve of Wilson -

- It is a 2D mediolateral curve
-

1.5

iii) Curve of Monson -

- It is a 3D curve formed by both curve of spee and curve of wilson.
- Its centre is glabella. 8 inches from arch



Supplement Sheet

Name of the Student _____

Name of the Examination _____ Class _____

Subject _____

Roll No. 54 Date _____

Supplement No. _____ Invigilator Signature _____

(5) Tooth numbering systems -

① Universal tooth numbering system

② FDI numbering system.

③ Palmer numbering system

• FDI numbering system -

Permanent denition -

①								②							
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
④								③							

2

- It is divided into 4 quadrants.
- each quadrant is ranked as 1, 2, 3, 4.
- Tooth is denoted as 1, 2, 3 .. 8.
- ~~Each~~ Upper 2 quadrant denote maxillary arch
- lower 2 quadrant denote mandibular arch.

Ex- 43 → Permanent mandibular right side canine

Deciduous dentition -

E D C B A	A B C D E
E D C B A	A B C D E

- In this each tooth is denoted as A, B, C, D, E.
- And quadrants are same as in permanent.

Ex - 1D = Deciduous maxillary right side 1st molar.

Q.2.

⑥ Permanent mandibular 1st molar -

Introduction -

① It has 5 cusps - Mesiobuccal cusp
Mesiolingual cusp
Distobuccal cusp
Distolingual cusp
Distal cusp.

② It has 2 roots - Mesial root
Distal root.

③ Mesiodistal dimensions are more than labiolingual dimensions.

Functions -

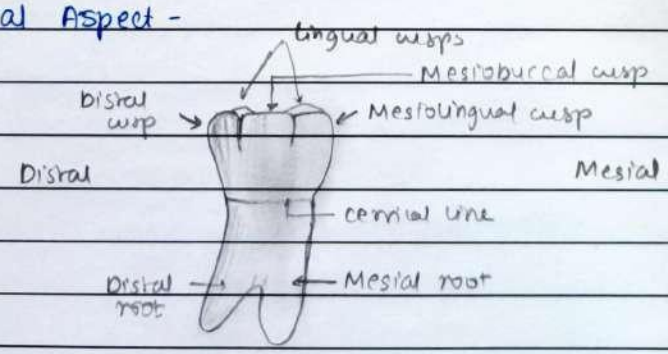
It helps in mastication and grinding of food

Development -

- It develops from 5 lobes.
Buccal aspect by 3 lobes and lingual aspect by 2 lobes.

Aspects -

Buccal Aspect -



① Shape of crown - Trapezoidal

② Mesial outline - It is slightly straight.

③ Mesial contact area - At junction of occlusal and middle third.

④ Distal outline - It is rounded

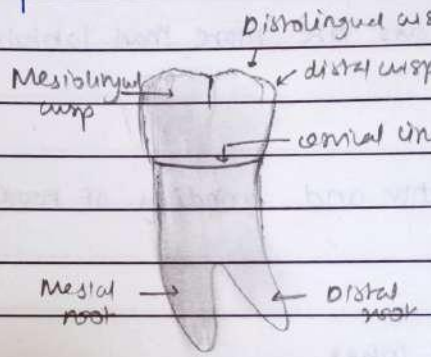
⑤ Distal contact area - at middle third

⑥ cervical outline - it is almost straight.

⑦ Buccal surface - It has 3 cusps - Mesiobuccal
Distobuccal
Distal cusp.

⑧ Roots - 2 roots are present - Mesial root
Distal root.

• Lingual Aspect -



① Shape of crown - Trapezoidal

② Mesial outline -

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Supplement Sheet

Name of the Student _____

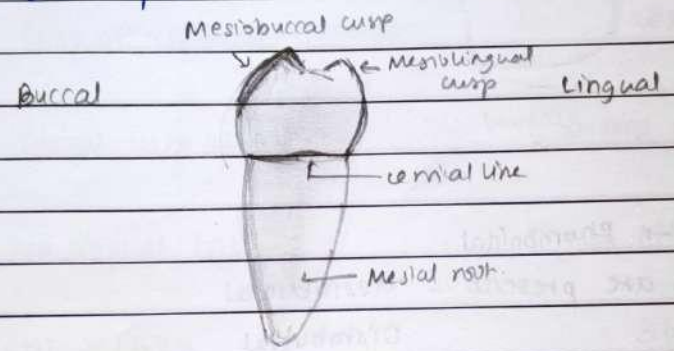
Name of the Examination _____ Class _____

Subject _____

Roll No. 54 Date _____

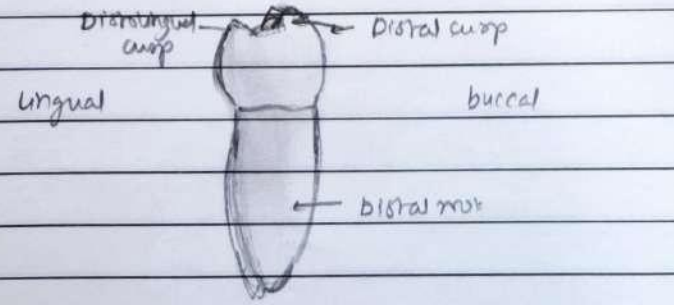
Supplement No. 2 Invigilator Signature _____

- Mesial Aspect :



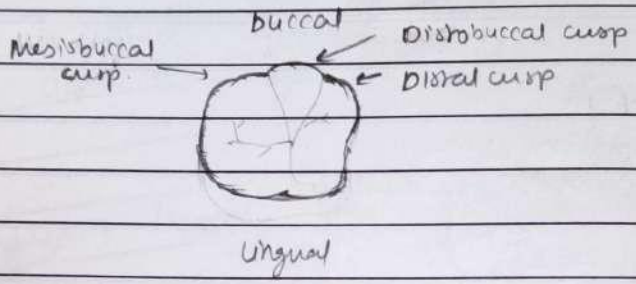
① Shape of crown - Trapezoidal
② Buccal outline - convex
③ Broad mesial root is seen.
④ Mesial contact areal - at junction of occlusal and middle third

- Distal Aspect -



① Shape of crown - Trapezoidal
② Distal contact area - At middle third.
③ Root - Distal root is seen.
It is broad & developmental groove is present on it.

. Occlusal Aspect -



① Shape → Rhomboidal.
② 5 cusps are present - Mesiobuccal
Distobuccal
Mesiolingual
Distolingual
Distal.
③ Central groove is present.
④ Mesial & distal marginal ridge present.
⑤ ~~Mesiolingual dimension more than distal~~
⑤ Mesiodistal dimension >> Labiolingual dimension.

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- Arch traits -

	Maxillary 1st Molar	Mandibular 1st molar
①	3 roots are present - Mesiobuccal - Distobuccal - Palatal	2 roots - Mesial - Distal
②	Cusp of carabelli present	absent.
③	Distal cusp absent	Distal cusp present.
④	No lingual pit	Lingual pit present.
⑤	FDI - 16,26	= 36,46
⑥	Labiolingual dimensions more than mesiodistal dimensions	Mesiodistal dimensions more than labiolingual dimensions

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• Class traits -

① Distal cusp present only in mandibular 1st molar.
② Mesial and distal roots present only in mandibular molars.
③

(5)

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Practical / Clinical Examination Answer Book

Examination

Sr. No.	

Name of the Student Vaishnavi Narayan Nakre

Name of the Examination UT - Internal Assessment Class BDS-I

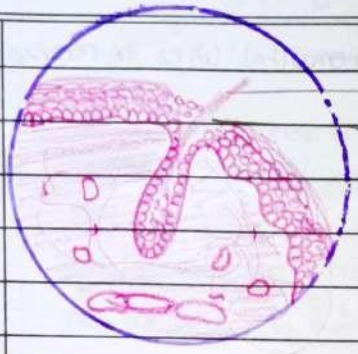
Subject OADM

Roll No. 54 Date 14/12/22

Students Signature Vaishnavi "Seen No. Complaint" Vaishnavi

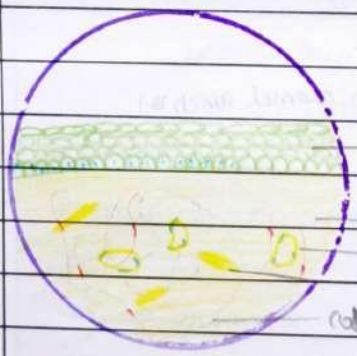
Slides	28	(35 marks)
Specimen	20	(25 marks)
Carving	17	(20 marks)
Journal + Communication Skills (10 marks)		

65/80

① 

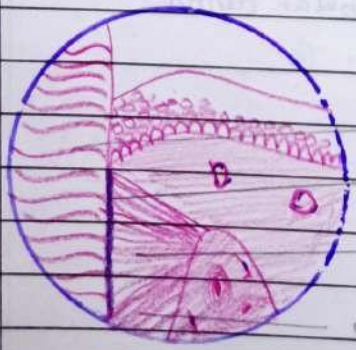
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② Van Gieson's stain



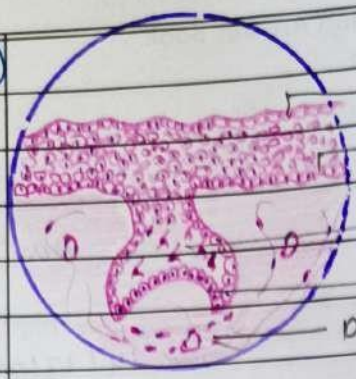
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③ Horizontal and oblique PDL



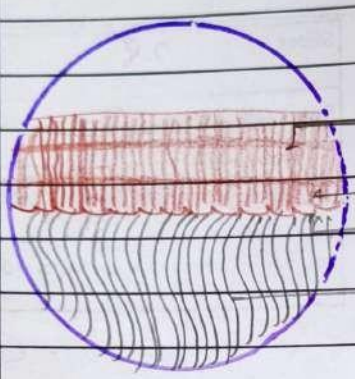
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④ Cap stage.



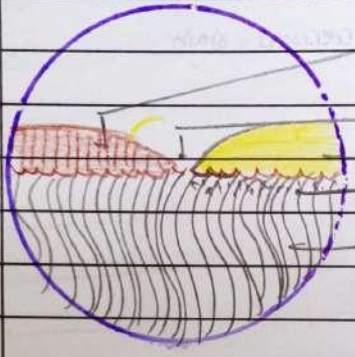
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⑤ - incremental lines of retzius



4

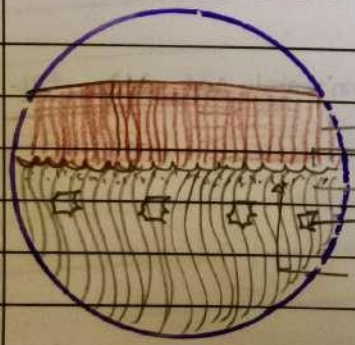
⑥



Crap cemento enamel junction

4.5

⑦ interglobular dentin



4.5

BY FACEL GROUP

(8) ~~Permanent~~ Mixed maxillary dentition

~~PDI~~ - ① Age - 6-7 years.

~~Age of eruption~~ - ②

Key Features - ③ 6 E D C B A | A B C D E 6 (4)

③ Reasons - 1) Mesiodistal dimension ~~more~~ less than ~~cervico incisal~~ labiolingual

so it is maxillary. central incisor dimension > lateral incisor.

2) Permanent molar is present so it is mixed.

(9) Permanent mandibular dentition

~~PDI~~ ① Age - 12-17 years.

~~Age of eruption~~ ②

~~Key Features~~ - ③ 7 6 5 4 3 2 1 | 1 2 3 4 5 6 7 (4)

② Reasons - 1) Mesiodistal dimensions are more than cervicoincisal dimension ∴ it is permanent. dentition

2) Mesiodistal dimension > Labiolingual dimensions so it is mandibular dentition.

(10) Permanent maxillary left side 1st premolar

PDI - 24

Age of eruption - 9-10-11 years.

Key Features - ① 2 roots are ~~seen~~ present

② Mesial marginal developmental groove is present

③ Buccal and lingual cusps are present with Buccal > Lingual

④ Hexagonal occlusal aspect. (4)

(11) Permanent maxillary leftside 1st molar

FDI - 26

Age of eruption - 6-7 years.

Features - 1) 3 roots are present
② 5 cusps are present
③ Labiolingual dimension more than mesiodistal.
④ cusp of carabelli present

(12) Permanent maxillary right side central incisor.

FDI - 11

Age of eruption - 7-8 years.

Features - ① Mesiodistal width is more.
② Mesioincisal angle is sharp.
③ Single conical root
④ Lingual fossa

Examination Record
2022 - 2023

Examination Record 2021 - 2022

Examination Record 2019- 2020

Examination Record 2020 - 2021

Examination Record 2018 - 2019

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Internal Assessment Examination

12/20

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SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.
• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) (●) RIGHT (A) (B) (●) (D)

SEAT NO. IN WORDS	74
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	FIRST - INTERNALS - BDS 1st year.
SUBJECT	Dental anatomy & Dental Histology
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

7 4

QUESTION BOOKLET VERSION NO.

A B D G M N P S U

ANSWERS

	A	B	C	D
1				●
2		●		
3		●		
4				●
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Seen and No. Complaint

Candidate's Signature

Dr Prasad

Examiner Name & Signature

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Shubham Kumar Ravi

Name of the Examination First Internal - BDS 1st year Class BDS - 1st year

Subject Dental anatomy & Dental Histology

Roll No. 74 Date 6-4-23

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											12/20
Marks obtained in Section B	1	1	1	1.5	1.5	5					11/20
Marks obtained in Section C	1.5	2	1	1	2	5.5					13/20
Grand Total											36/60

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Dr Prasad

Name & Signature of HOD / H.O.D.

Section - B

1.]

1.) · Amelogenesis is process of forming of enamel from ameloblast cells.

· Stages of Amelogenesis are:

1.) Morphogenic Stage
2.) Organising Stage
3.) Formative stage / Secretory stage
4.) Maturation Stage
5.) Protective Stage
6.) Desmolytic Stage.

· Secretory Stage / Formative Stage :-

- This stage only starts if there is deposition of first layer of dentin by odontoblast cells.

- In this stage the shape of ameloblast cell is tall, columnar.

- There is no change in size of ameloblast cell, but there is change in content present in cell, i.e. golgi complex, centrioles, mitochondria, nucleus according to need for enamel formation.

- There is formation of process called as tome's process.
- Tomes process is responsible for laying enamel on first layer of dentine.
- Tomes process has distal & proximal ends.
- Distal end lays down enamel rods.

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2) • Cap stage :-

- In cap stage, cells of enamel organ proliferate at a higher rate at two [redacted] distal side of enamel organ, resulting in formation of cap like structure / appearance of enamel organ.

- Following structures are seen in cap stage:-
  i.) Inner enamel epithelium
  ii.) Outer enamel epithelium
  iii.) Stellate reticulum

- Inner enamel epithelium are low columnar cells at periphery of enamel organ. These cells later on form ameloblast cells and are responsible for enamel matrix formation.

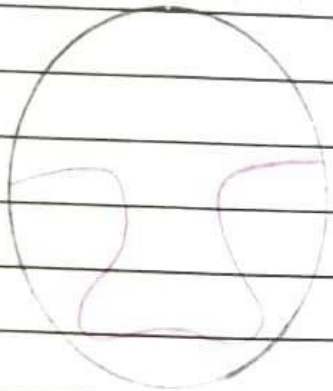
- Outer enamel epithelium are low cuboidal cells [redacted].

- Stellate reticulum is present betw outer enamel epithelium & inner enamel epithelium. Provides the enamel organ with cushioning effect. It is formed by glycosaminoglycans.

- There is condensation of ectomesenchymal cells with form dental papilla on peripheral side and dental sac on each distal side of enamel organ.

• Transient structures seen in cap stage are:-
  • Enamel knot - Condensation of central cell of enamel organ.
  • Enamel Cord - A distal extension of enamel knot [redacted].

- Enamel septum - When enamel cord touches the outer enamel epithelium cells. It divides enamel organs into two follicles.



3) Maxillary Sinus (Air filled cavity):-

- Maxillary Sinus is largest parathoid sinus.
- It is present in both the sides of nose above maxillary bone and below zygomatic process.
- It is also called antrum of Highmore.
- It is a air filled cavity lined by squamous epithelium.

(1)

- Function:-

i.) Humidification of dry air.

ii.) Warming of dry.

iii.) Provides tone in speech by resonating the voice.

iv.) Lighten the weight of skull.

4.) Tissue processing - It is the process involved in making a tissue viable for examination under microscope.

• Steps involved in tissue processing:-

i.) Fixation - Extracted tissue is kept under fixative solution (i.e. formalin) to preserve organic structure & to prevent autolysis of extract tissue.

ii.) Dehydration - Water is extracted out with the help of different concentration of alcohol solution i.e. 60%, 70%, 80%, 95% untill absolute alcohol.

iii.) Clearing - Clearing agent is used to eradicated unwanted constituents i.e it is treated with Xylene.

iv.) Impregnation - Tissue is impregnated with wax to give structural rigidity to it. Commonly, proffarin is used. Celledion is used to harden it.

1.5

v.) Embedding - The impregnated tissue is embedded on a 'L' shaped apparatus.

vii.) Sectioning - Processed tissue is cut into fragments with the help of microtome.

viii.) Staining - Then the fragmented processed tissue is stained in hematoxylin & eosin stain which makes it ready for examination under microscope.

5) Hypocalcified Structure of enamel are :-

- Enamel Tufts - Grass like appearance on dentinoenamel junction.
- Enamel Spindle - Elongated leaf like structure arising from incisal end of enamel to DEJ junction. Sometimes it penetrates through DEJ & enters the dentin.
- Striae of retzius
- Neonatal line
- Enamel

- Oral mucous membrane - It is Oral mucosal lining the buccal, vestibular & dental lamina. It terminates at oesophagus.

- Classification of Oral mucous membrane :-

1.) Based on Function :-

a.) Masticatory mucosa - help in mastication. Are stress bearing area.
eg. Gingiva & hard palate.

b.) Lining Mucosa - It lines the oral mucous membr.
eg. lip, vestibule, soft palate, basal betting of toong, etc.

c.) Specialised mucosa - Helps in sensory function/ sensations.
eg. Dorsum of tongue.

ii.) Based on Keratinisation :-

a.) Keratinised

Ortho Keratinised | para Keratinised

b) Non Keratinised.

• Functions of Oral Mucous Membrane :-

i) Defence - Keratinised layers helps in defence against foreign microbes.

ii) Mastication - Breakdown / mastication of food is done by tearing & shearing of food.

iii) Aesthetics - Oral mucosa makes the buccal area look more aesthetically pleasing.

iv) Sensory - Taste buds present in tongue helps in sensation of taste of food.

v) Secretory - Oral secrets saliva which lubricates and keeps the oral moist. Saliva also helps in proving tone to voice.

- Gingiva - It is present just below the cervical third of teeth.
  - It covers the underlying alveolar bone.

Macroscopic structures :- • Gingiva shows variation in its colours.
- This is because of presence of melanocytes in gingival area

- Different structures of Gingiva is observed:-
  a.) Attached gingiva.
  b.) Free gingiva.
  c.) Gingival sulcus.

- Microscopic Structures:-
  - Gingiva is keratinised. (5)
  - It is orthokeratinised in nature

Section - C

Permanent Dentition	Deciduous Dentition
i.) It is 32 in number. 16 in upper maxillary arch & 16 in lower mandibular arch.	i.) It is 20 in number 10 in upper maxillary arch & 10 in lower mandibular arch.
ii.) There is presence of premolars in Permanent dentition.	ii.) There is NO presence of premolars in deciduous dentition.
iii.) Presence of 3rd molar in permanent dentition	iii.) No presence of 3rd molar in deciduous dentition.

• Dimensions of all permanent tooth is bigger compared to decidious tooth	• Smaller tooth dimensions compared to permanent dentition
• Smaller & bulged roots in permanent dentition.	• longer & narrow root in decidious dentition.
• Arises from distal extension of dental lamina.	• Arises from dental lamina itself.
• Pale yellowish in colour	• Milky whitish in colour.
• Cervico-incisal length is larger compared to mesio-distal incisor length	• Mesio-distal length is larger compared to cervico-incisal incisor length.
• Erupts from 6-24 years of age	• Erupts & sheds off from 2 years of age to 6 years. Also called milky teeth.

15

Different Types of Tooth numbering System are:-

i) Universal Tooth Numbering system.

ii) FDI Tooth Numbering system.

iii) Zsigmoidy Tooth Numbering System

1) Universal tooth Numbering System:

- Both, permanent tooth & Decidious tooth can be numbered by this system.

- 4 quadrants are present:-
  i.e. I st quadrant for upper right half.
  II nd quadrant for upper left half
  III rd quadrant for lower left half.
  IV th quadrant for lower right half.

- For decidious dentition: A, B, C ....
  alphabets are used for dention.
- For permanent dentition: 1, 2, 3, ...
  numerics are used for dention.

- i) Permanent Teeth Numbering:-

	I st quadrant								II nd quadrant							
Upper Jaw	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lower Jaw	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
	IV th quadrant								III rd quadrant							

2

ii) Decidious Teeth Numbering:-

I st quad					II nd quad					
A	B	C	D	E	F	G	H	I	J	- Upper Jaw
T	S	R	Q	P	O	N	M	L	K	- Lower Jaw
III rd quad					III rd quad					

3.) Permanent maxillary lateral Incisor :-

- Lingual Aspect :-

- Crown

i) The mesio-incisal edge is slightly curved.

ii) The disto-incisal edge is more rounded compared to mesio-incisal edge.

iii) Cingulum is present on cervical third of of crown.

iv) A 'V' shaped fossae is present between mesial marginal ridge, distal marginal ridge & Incisal ridge.

- Root

i) Root has a blunt apex.

ii) Root is slightly tilted towards distal side

iii) Root is tapered lingually.

4.) Set traits of mandibular Central Incisor :-

Permant Sets of mandibular Central Incisor	Deciduous Set of mandibular Central Incisor
i) The Cervico-Incisal Dimension is longer.	ii) The mesio-distal dimension is larger.
ii) Presence of mamelons in newly erupted teeth.	ii) No presence of mamelons.
iii) First to erupt in permanent dentition.	iii) -
iv) Less prominent fossae	iv) More prominent fossae.

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Supplement Sheet

Name of the Student Shubham Kumar Ravi

Name of the Examination First Inter - BDS 1st year Class BDS 1st year

Subject Dental Anatomy & Dental Histology

Roll No. 74 Date 6-4-23

Supplement No. 1 Invigilator Signature

Section C (Contd.)

→ cont'd.

5.) Elevations present in teeth:-

i.) Cusp - It is a 'mound' present on crown portion of tip.

ii.) Ridges - It is a 'linear elevation' on lateral sides of crown.

Ridges are of many types:-

a.) Marginal ridge - lines the margins of tooth

b.) Incisal ridge - present on Incisal / occlusal portion of tooth.

iii.) Cingulum - It is bulged elevation present on cervical third of lingual aspect of anterior tooth.

iv.) Bulbs - Elevation formed due to extra deposition of enamel on labial side

Depression present in teeth:-

i.) Fossae - It is a irregular depression

ii.) Pit - It is a pin-point depression. It is mainly present between cusps of molars.

iii.) Groove - It is linear depression present in tooth.

6.) • Permanent maxillary central incisor :-

Introduction

a.) Largest tooth in permanent dentition.

b.) It is the centrall teeth of maxillary dentition arch.

c.) Has distal side curved whereas mesial side sharp

d.) Helps in biting.

- Tooth Numbering :-

a.) Universal Numbering system.

- The upper permanent maxillary right central incisor is denoted as 8.

- The upper permanent maxillary left central incisor is denoted as 9.

b.) FDI notation :-

- The upper permanent maxillary right central incisor is denoted as 11.

- The upper permanent maxillary left central incisor is denoted as 21.

c.) Zsigmondy notation.

- The upper permanent maxillary right central incisor is denoted as 1/.

- The upper permanent maxillary left central incisor is denoted as /1.

• Chronological Data :-

a.) Period of calcification - 2-3 months.

b.) Enamel Completion :- 3-4 years

c.) Tooth eruption - 6-7 years.

d.) Root completion - 10 years.

- Odontometric Data :-

i.) Cervico-Incisal length of crown - 10.5 mm.
ii.) Root length = 13 mm.
iii.) Mesio-distal length of crown = 8.5 mm.
iv.) Mesio-distal length of crown at cervix = 7 mm.
v.) Bucco-lingual length of crown = 6 mm.
vi.) Bucco-lingual length of crown at cervix = 5 mm.

- Function

i.) Biting
ii.) Protection
iii.) Aesthetics
iv.) Mastication.

- Labial Aspect :-

- Crown

a.) ~~Cervico-Incisal edge~~ Mesio-Incisal edge is sharp (i.e. 90°).
b.) Disto-Incisal edge is curved.
c.) Crown is trapezoid in shape.

- Root

a.) Root is conical in shape.
b.) Has blunt apex.
c.) Thick root

- Lingual Aspect :-

- Crown

a.) Presence of Cingulum in cervical third.
b.) 'W' shaped fossae betwn mesial marginal ridge, Distal marginal ridge and Incisal ridge.

- Crown tapers lingually.
- Root:
  a) Conical in appearance.
  b) Tapers lingually.
  c) Blunt apex.

- Mesial Aspect:-
  - Presence of convexity on labial side & concavity on lingual side.
  - Cervical line more elevated toward distal end.
  - Root is blunt & bulged and is of conical in shape.

- Distal Aspect:-
  - Same as of mesial aspect.

- Incisal Aspect.
  - Not bilaterally symmetrical.



- Arch Traits:-
  - Maxillary arch central incisors are bigger in size.
  - Mandibular arch central incisor smaller in size.
  - The mesial end is sharp & distal end of maxillary central incisor are curved.
  - The mesial & distal end of mandibular central incisor are sharp.

- Class Traits:-
  - These come under incisors class of teeth.
  - Incisors are 8 in number (4 maxillary central, 4 mandibular lateral) whereas canines are 4 (1 in each quadrant, premolar 8 & molars 12 in number.

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Practical / Clinical Examination Answer Book

Examination

Sr. No.

Name of the Student Shubham Kumar Ravi

Name of the Examination First Internals Assessment Class I^st BDS

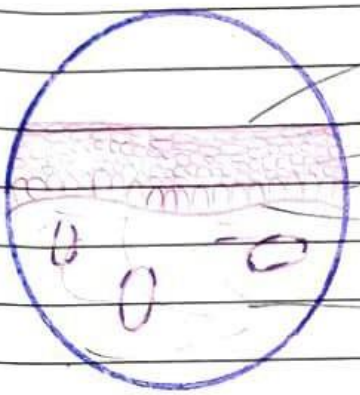
Subject Dental Anatomy & Dental Histology

Roll No. 74 Date 10/4/23.

Students Signature Shubham "Seen No. Complaint"

		(35 marks)
Slides	14	
Specimen	8	
Carving	14	

1)



2

36/60

Buccal Mucosa

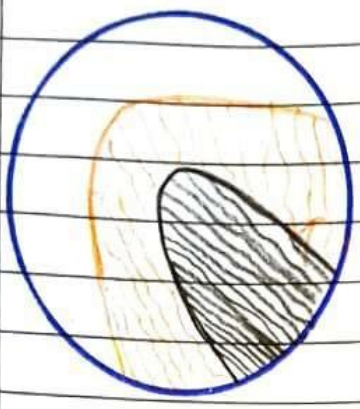
2)



3

Fungiform papillae.

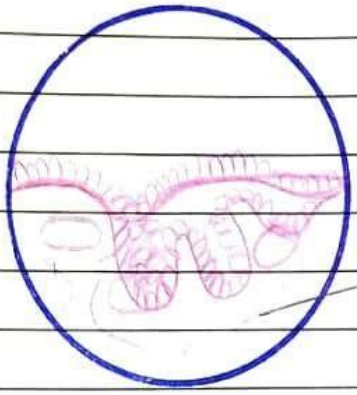
3.)



2

Enamel Spindle

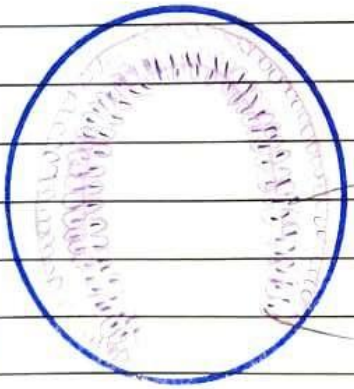
4.)



3

gingiva

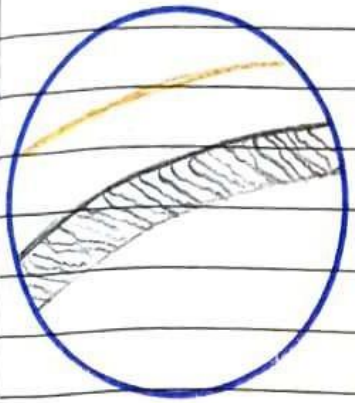
5.)



2

Late / Advanced Bell stage

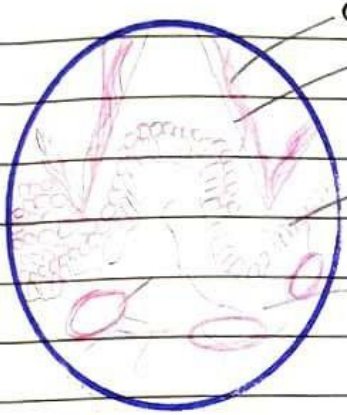
6.)



2

Enamel

7.)



Orthokeratin

filiform papillae

Stratum basale.

Connective tissue

0

~~Spot on~~

Filiform Papillae

8.) Name - Permanent Maxillary left central Incisor.

FDI notation - Permanent Maxillary left central Incisor is denoted as 21.

Age of eruption - 5-6 yrs.

3

- Key identifying features:-

1.) Mesio-Incisal angle sharp, disto-Incisal angle curved

2.) Presence of 'W' shaped fossa on lingual ~~surface~~ Aspect.

3.)

9.) Name - Permanent Maxillary right lateral Incisor

- FDI notation - Permanent maxillary right lateral Incisor is denoted at 12.
- Age of Eruption → 8-9 yrs.
- Key Identifying features. 3

1.) Both mesio-incisal edge and disto-incisal edge is curved, but disto-incisal edge is curved more.

2.) Developmental grooves on root.

3.) Root tilted towards distal end.

4.) 'V' shaped lingual fossa.

10.) Name - Permanent Mandibular left lateral Incisor

- FDI notation - Permanent mandibular left lateral Incisor is denoted 32.
- Age of eruption → 6-7 yrs. 2
- Key Identifying features.

1.) I

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Internal Assessment Examination

74 (14/20)

SECTION A

Sr. No.

IMPORTANT INSTRUCTIONS : Please Read The Instructions Carefully Before Writing.

• Use BLACK PEN or BLUE PEN For Writing • Darken ONLY CIRCLE With BLACK PEN or BLUE PEN For Each Answer As Shown In The Example. If You Darken More Than One Circle Your Answer Will Be Treated As Wrong. • Do Not Make Any Stray Marks On The Answer Sheet • Rough Work Must Not Be Done On The Answer Sheet. • Do not Fold The Answer Sheet.

WRONG (X) (B) (C) (●) RIGHT (A) (B) (●) (D)

SEAT NO. IN WORDS	Seventy Four
QUESTION BOOKLET VERSION NO. IN WORDS	
NAME OF EXAMINATION	Second Internals - ~~De~~ BDS 1st yr.
SUBJECT	Dental Anatomy & Dental Histology
PAPER	

ANSWER SHEET NUMBER

(Write this No. on your Question Booklet)

Invigilator's Signature

Candidate Signature

SEAT NUMBER

			7	4
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	●
5	5	5	5	5
6	6	6	6	6
7	7	7	●	7
8	8	8	8	8
9	9	9	9	9
0	0	0	0	0

QUESTION BOOKLET VERSION NO.

A	A	1	1	1
B	B	2	2	2
D	D	3	3	3
G	G	4	4	4
M	M	5	5	5
N	N	6	6	6
P	P	7	7	7
S	S	8	8	8
U	U	9	9	9
		0	0	0

ANSWERS

	A	B	C	D		A	B	C	D		A	B	C	D
1	A	B	●	D	~~10~~	A	●	C	D	21	A	B	C	D
2	A	●	C	D	12	A	B	●	D	22	A	B	C	D
3	A	B	●	D	13	A	B	C	●	23	A	B	C	D
~~4~~	A	B	C	●	14	●	B	C	D	24	A	B	C	D
5	A	●	C	D	15	A	B	●	D	25	A	B	C	D
6	A	●	C	D	16	A	●	C	D	26	A	B	C	D
7	A	B	●	D	17	A	●	C	D	27	A	B	C	D
8	A	B	●	D	~~18~~	●	B	C	D	28	A	B	C	D
9	A	B	C	●	19	●	B	C	D	29	A	B	C	D
~~10~~	A	●	C	D	20	A	B	C	●	30	A	B	C	D

Seen and No. Complaint

Candidate's Signature

Examiner Name & Signature

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74

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Shubham K. Ravi

Name of the Examination Second Internals Class 1st Yr. BDS

Subject Dental Anatomy & Dental Histology

Roll No. Seventy Four Date 14/07/23

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Main Sheet: 1

No. of Supplements: 3

Total: 4

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											16/20
Marks obtained in Section B	1.5	1	0.5	0	1	6					10/20
Marks obtained in Section C	1.5	2	1	1.5	2	6					16/20
Grand Total											42/60

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Name & Signature of IC / H.O.D.

Section - B

I.]

1) Eruption - It is the axil/occlusal movement of permanent teeth within in developmental position in tooth socket to occlusal plane.

- Eruption is necessary as we have two sets of dentition:
  - i) Deciduous
  - ii) Permanent.

Theories of eruption:

i) Bone Resorption Theory:

- As the jaw grows with increasing age, there is continous remodeling/adsorption & absorption taking place.
- Therefore, it suggests that continous deposition and adsoption causes permanent dentition to erupt.
- This theory, not widely accepted.

ii) Root - Elongation Theory:

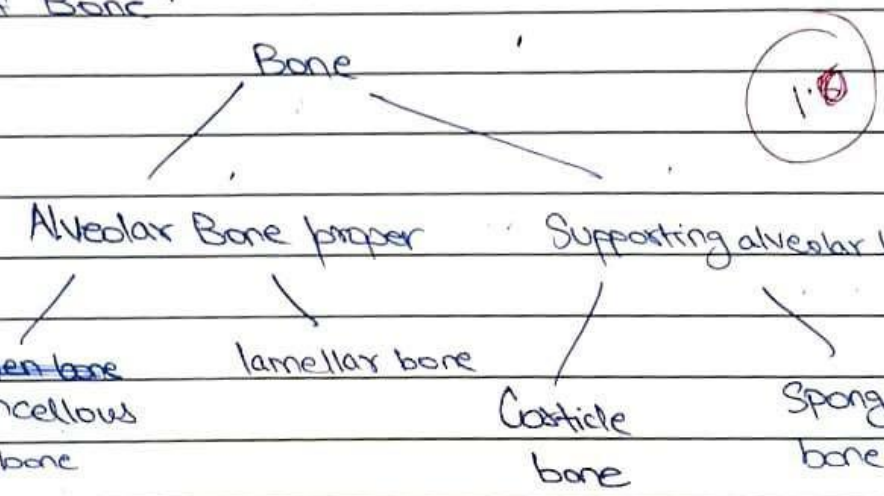
- This theory states that as the age advances, root tend to grow within the jaw.
- This causes/creates an upward force, which allows the tooth to come in occlusal plane.
- But, this theory is also not accepted because,
  - i) Root elongation causes resorption of bone, not any upward force created by alveolar bone.
  - ii) Even toothless tooth erupt.

iii) Vascular Theory:
- As age advances, tooth become highly vascularised.
- Hence more blood vessels.
- This causes tooth to grow, & ultimately eruption.
- Not accepted.

iv) PDL - Traction theory:-
- Most widely accepted theory.
- This theory suggests that, Periodontal fibers causes upward force which causes eruption of tooth.

2) Bone - It is a hard, connective tissue which holds the bone into the socket.

Types of Bone:



Alveolar Bone proper:-
- formed by osteoblast (bone forming cells)
- Holds tooth in the socket.
- Periodontal ligament fibres gets attached into this surface of bone.
- Provides stability to teeth.

3) Periodontal Ligament fibers are also known as principal fibers.

Types :- i.) Alveolar crest fibers.
ii.) Horizontal fibers
iii.) Oblique fibers
iv.) apical group of fibers
v.) Interradicular group of fibers.

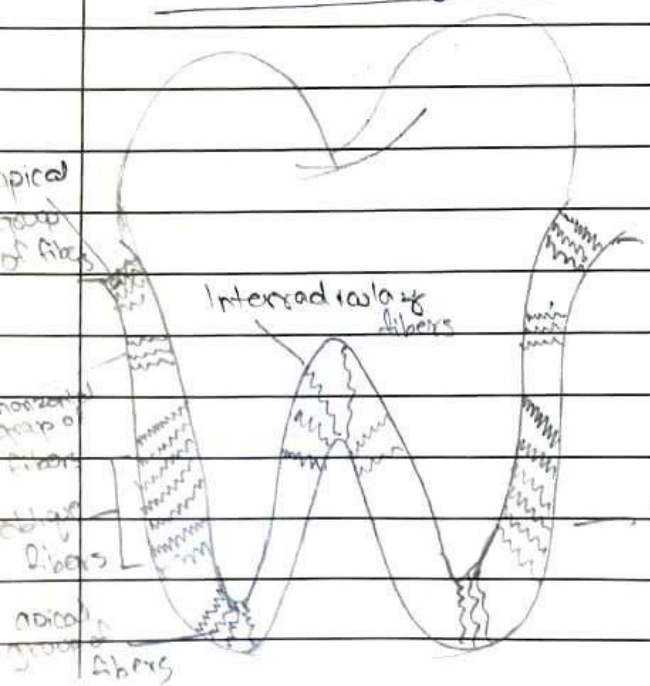
i.) Alveolar crest fiber- present in gingival portion of tooth.

ii.) Horizontal fibers - It is present at cervical third area of teeth. It is embedded in cement at 90° and bone.

iii.) Oblique fibers - Most numerous in no.. present mainly in middle apical third. Helps in forces of mastication i.e. Vertical pressure.
↳ prevents tipping of tooth.

iv.) Apical group. - Present at Apical area of root. Vertical pressure.

v.) Interradicular groups of fibers - present btwn area of furcation of root. i.e present btwn roots. of premolars & molars. Not present in anterior teeth.



1) Nerve supply of pulp:

i.) Mostly non-myelinated fibers enter pulp.

ii.) Responsible for nonpinceptive sensation.

iii.) Superior & Inferior alveolar nerve main sensory supply in pulp.

iv.) Responsible for sensitivity, pain, etc. due to external stimuli.

2) Cementum - (Based on presence of cementocytes)

- Acellular
- Cellular cementum

- Cementum (Based on fibers present)

- Fibrilar cementum
- Afibrilar cementum

- Cementum (Based on origination of fibers)

- Intrinsic Fibrilar cementum — fibers from entrapped cementocytes
- Extrinsic fibrilar cementum — fibers derived from PDL

- Combination

→ Extrinsic Acellular cement - Presence of sharpey's fibers. Found in cervical third. No cementocytes.

· Intrinsic Cellular cementum - less presence of Sharpey's fibers, presence of cementocytes. Fibers from entrapped cementoblast.

II) (6)
· Dentin :- It is mineralised tissue which covers the underlying pulp of any tooth.
· Forms bulk of tooth.

· Types of Dentin.
- i) Primary Dentin
ii) Second Dentin
iii) Tertiary or reparative Dentin.

i) Primary Dentin :-
- Formed before root formation.
- Two type.
i) Mantle dentine - present just below DEJ. First dentine to be formed. It at periphery. Highly mineralised.
ii) Circumpulpal dentine - present adjacent of pulp and protects the underlying pulp. less mineralised compared to mantle dentine.

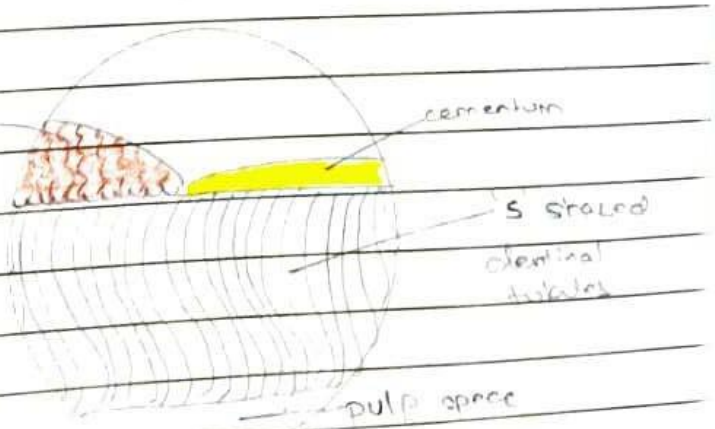
ii) Secondary Dentin :
- Formed after root completion.
- Has regular form
- At junction where primary &

Secondary dentition meet, the course of secondary dentition is more wavy.

iii.) Tertiary Dentin or Reparative dentin:-
- Only formed when repair or response to external stimuli
- layed down as new layer of dentin.
- Usually found near to dead tracts.

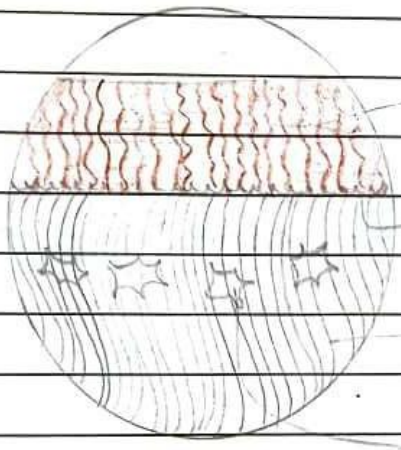
Microscopic Structures of Dentine:-
i.) Dentinal Tubules
ii.) Predentin
iii.) Interglobular Dentin
iv.) Peritubular Dentin
v.) Inter tubular Dentin
vi.) Incremental lines of Von ebner

- i.) Dentinal Tubules
- Odontoblast have odontoblastic process which lay down dentin.
- Odontoblastic process are present in Dentinal Tubules.
- 'S' shaped coursed.



ii.) Predentin - Hypomineralised structure
- First formed layer of dentin
- Gets calcified by deposition of hydroxyapetite crystals.

iii.) Interglobular Dentin - Mineralisation of Dentin takes place in globules
- Sometimes the globules fail to coalase into homogenous mixture.
- Dentinal Tubules pass Uninterupted btwn them.



iv.) Peritubular Dentin - Dentine present at tubular portion of dentinal tuble.
- Highly mineralised

→ nxt. Slpp

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Supplement Sheet

Name of the Student: Shubham Ravi

Name of the Examination: Second Internals Class: 1st BDS

Subject: DAOH.

Roll No.: 74 Date: 14/7/23

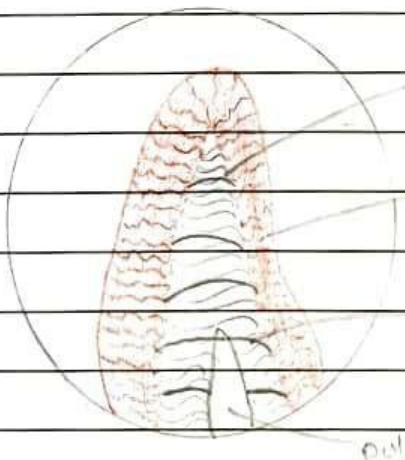
Supplement No.: 1 Invigilator Signature:

→

v.) Intertubular Dentine: • Dentine present between btwn Dentinal tubules.
• Form major part of Dentine.

vi.) Incremental lines of Von ebner - lines passing at 90° to Dentinal tubule.
• Show pattern of laying down of dentine.

6



Section - C

II (b) · Aim - To describe detail morphology of Permanent maxillary canine.

· Introduction
- Largest tooth in dentition
- Most stable tooth
- Last to exfoliate
- Also called cornerstone, as it is situated between anterior & post. teeth in the arch.
- Also called cospid
- Also known as eye tooth because it is just situated below eye line.

· Function :-
- Helps in mastication.
- Main function tearing.
- Supports dentition as it is present distally to incisors and mesially to premolars.

· Tooth Numbering :-
- FDI notating
· Permanent maxillary right canine - 13
· Permanent maxillary left canine - 23

· Chronology :-
- First evidence of calcification - 4-5 months
- Enamel Completion - 6-7 months
- Eruption - 8-9 years.

- Root Completion: 11-12 years

Odontometric data:

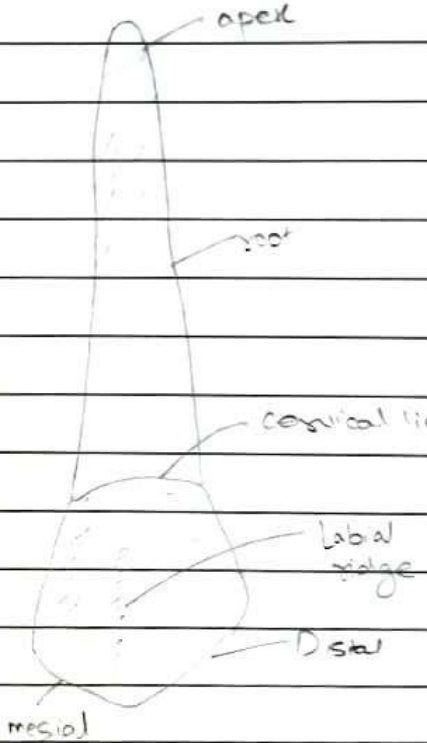
- Crown length - 10 mm
- Root length - 17 mm
- Mesiodistal length of crown = 7.5 mm
- Mesiodistal length at cervix = 5.5 mm
- Labilingual length of crown = 7 mm
- Labiolingual length at cervix = 5 mm
- line of curvature (mesial) = 3 mm
- line of curvature (distal) = 2 mm

Description of each surface:

i) Labial

↳ Crown has more labiolingual dimension, than mesio-distally.

- Has presence of labial ridge.
- Distal slope larger than mesial slope.
- Cervical line convex towards root surface.
- Bulkier crown.
- Trapezoid in shape.



Labial

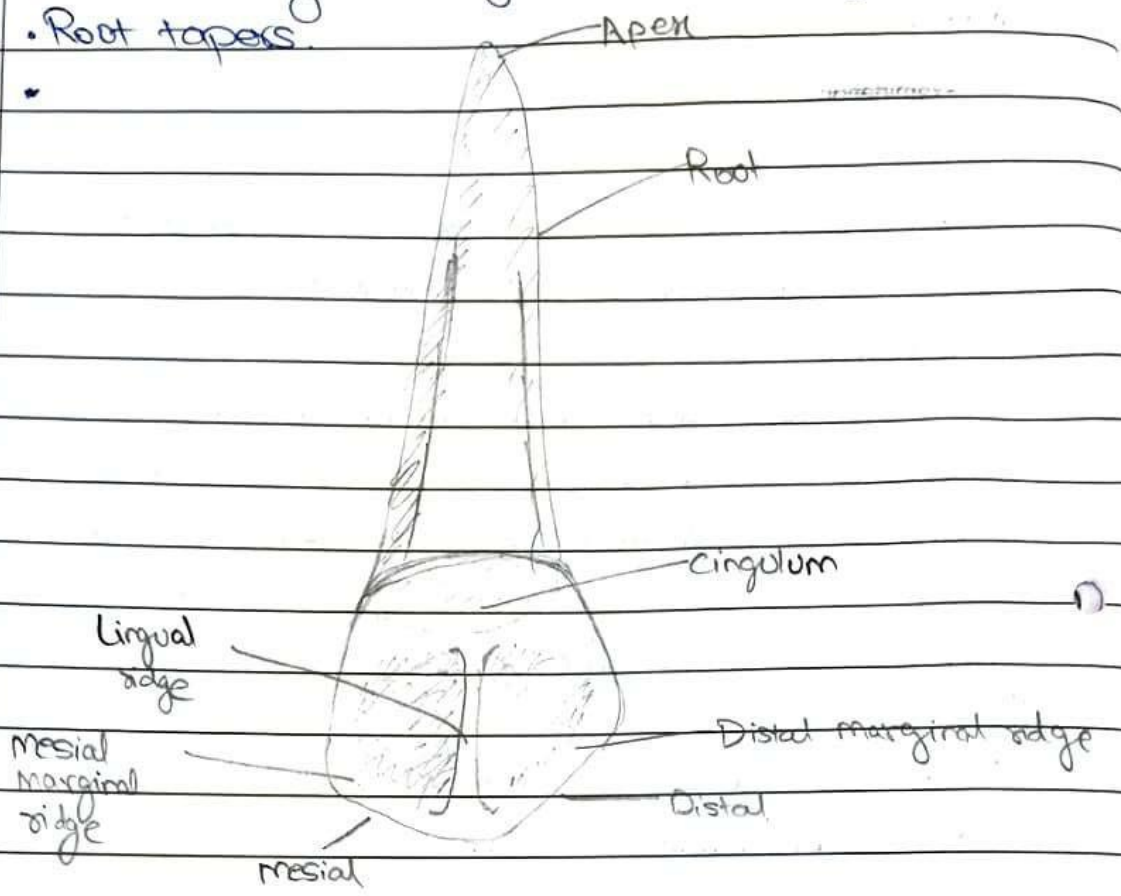
ii) Lingual :-

↳ The whole tooth tapers lingually.

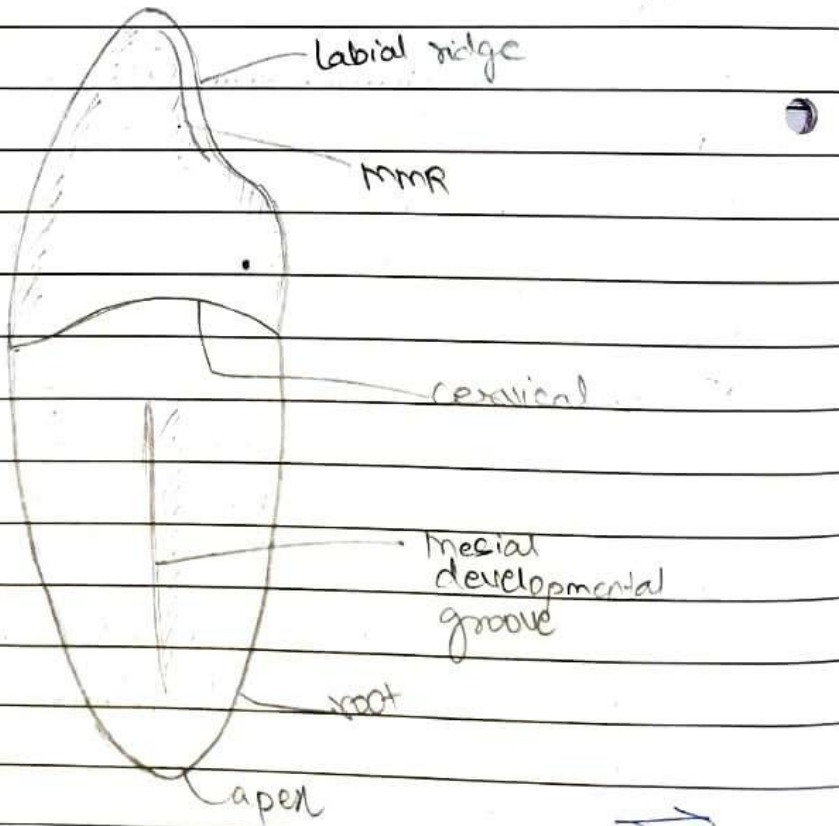
↳ Presence of bulkier cingulum, i.e. more prominent.

↳ Has lingual ridge.

- Also presence of two lingual fossa surrounded by distal marginal ridge & mesial marginal ride
- Root tapers.



- Mesial :-



Supplement Sheet

Name of the Student Shubham Rauli

Name of the Examination Second Internals Class 1st BDS

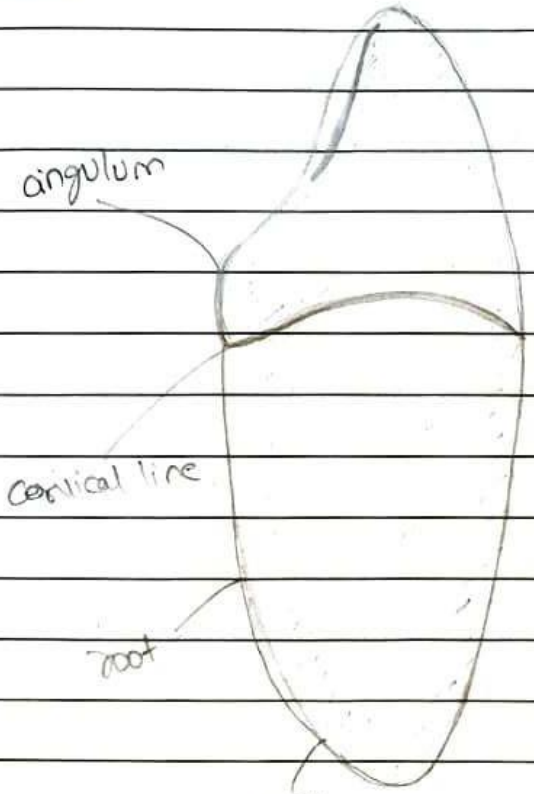
Subject DADH

Roll No. 74 Date 14/7/23

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→ • mesial side shows presence of mesial developmental groove.
• Bulkier root
• Wedge shaped from this aspect.

• Distal :-



Similar aspect from mesial side

→ No distal developmental groove present

- Occlusal:



- Pointed occlusal end
- Mesio-labial side curved at intersection
- ~~Disto~~ Disto-labial side mostly at 90°
- Presence of bulkier cementum.

Arch Trait:-

- Maxillary Permant canines:-
  - Bulkier tooth compared to mandibular
  - Sharp edges
  - Prominent ridges.
  - Prominent fossa.
  - Prominent / bulkier cementum
  -

6

- Mandibular Permant canines.
  - Not much bulkier compared to maxillary canines.
  - Slightly blunt edges
  - Not much prominent ridges
  - Not much prominent fossa
  - Cementum more round not showing bulky appearance
  - Slightly larger crown compared to maxillary.

1) Mesial surface [Permanent maxillary First Premolar]



Mesial

- There is two cusp is seen
  i.e. labial cusp & lingual cusp 1.5
- lingual cusp is shorter than labial cusp.
- Presence of canine fossa on mesial side of permanent maxillary 1st premolar.
- Presence of two roots, (Bifurcated roots)
- Has mesial developmental groove.

2) Occlusal variants of permanent mandibular second premolar :-

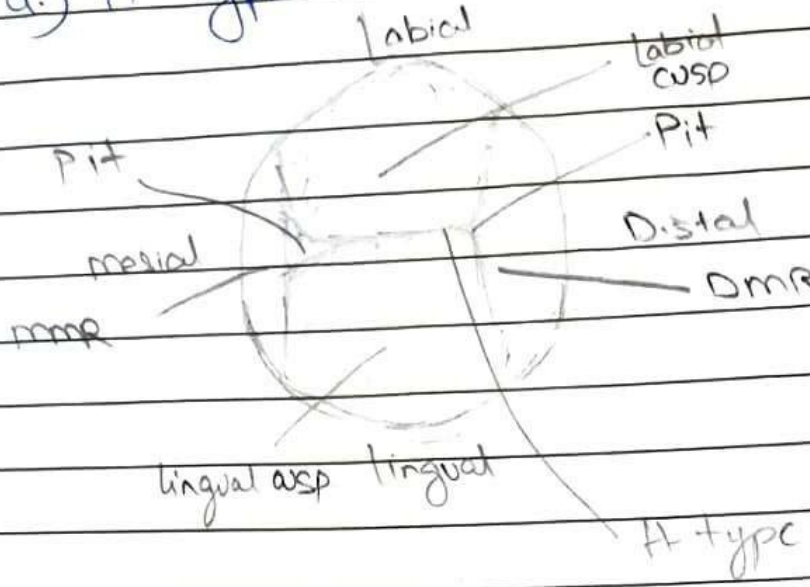
- 3 Variants :

a) 'H' type

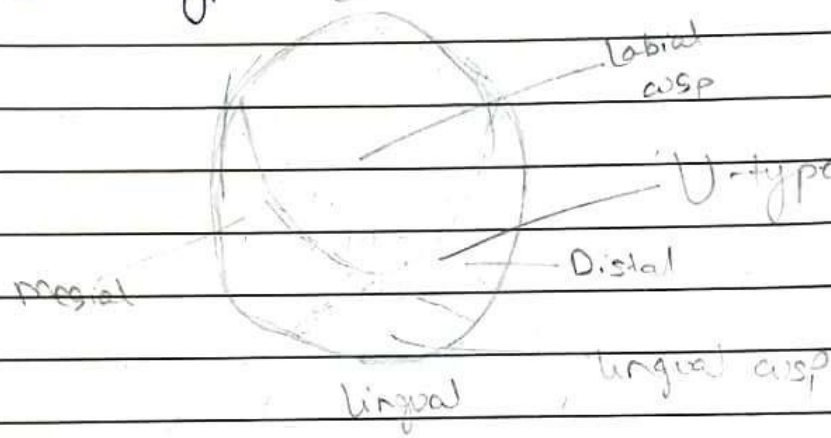
b) 'U' type

c) 'Y' type.

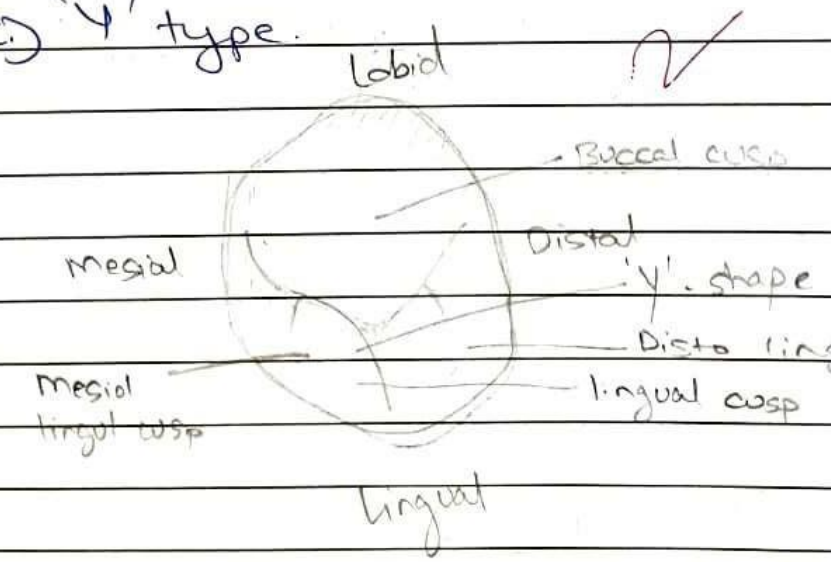
a.) 'H' type



b.) 'U' type.



c.) 'Y' type.



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Supplement Sheet

Name of the Student: Shubham Ravi

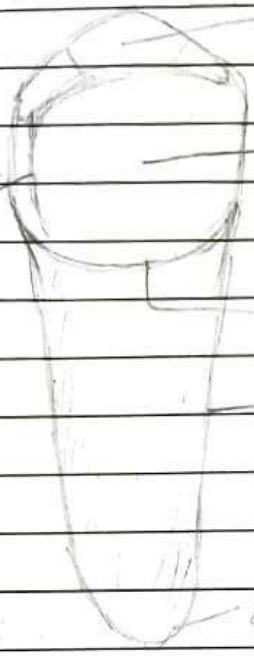
Name of the Examination: Second Internals Class: 1st BDS.

Subject: DNDH

Roll No.: 74 Date: 14/7/23

Supplement No.: 3 Invigilator Signature:

3) Lingual aspect [Mandibular 1st Premolar]



- Lingual aspect shows tapering tooth
- There is presence of mesiolingual groove in the crown
- Root tilted.

4) Elevation of maxillary 2nd premolar

↳ crown.

i) Presence of Buccal ridge on Buccal surface of crown.

ii) Buccal cusp.

iii) Lingual cusp.

iii) Mesial Marginal ridge
iv) Distal marginal ride.

- Depression of Maxillary 2nd premolar:-
  - i) Presence of two triangular fossa.
    i.e. Distal triangular fossa
    Mesial triangular fossa.
  - ii) Presence of Developmental groove on distal surface of the root.

5.) Type traits of Maxillary Premolars:

Maxillary 1st Premolar	Maxillary 2nd premolars
- Prominent Buccal ridge on buccal surface	- Less prominent buccal ridge on buccal surface
- Presence of canine fossa on mesial surface	- No canine fossa present.
- Two cusp. ie. Buccal cusp & lingual cusp. lingual cusp shorter in height.	- Two cusp. i.e Buccal cusp & lingual cusp. Both cusp equal in height.
- Presence of two roots. i) Buccal root ii) lingual root	- Presence of only one root.

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Practical / Clinical Examination Answer Book

Examination

Sr. No.

Name of the Student Shubham K. Ravi

Name of the Examination IInd Internal Exam Class 1st Year BDS

Subject Dental Anatomy & Dental Histology Practicals

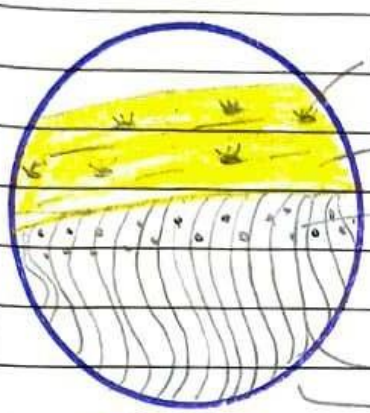
Roll No. 74 Date 17/7/23

Students Signature Shubham "Seen No. Complaint" Shubham

Slides	18.5	(35 marks)
Specimen	6.5	(25 marks)
Carving	12	(20 marks)
Journal + Communication Skills (10 marks)		

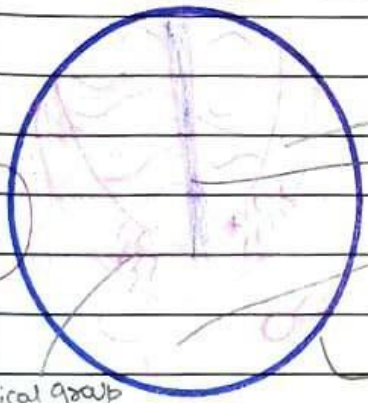
25/60

1)



3.5

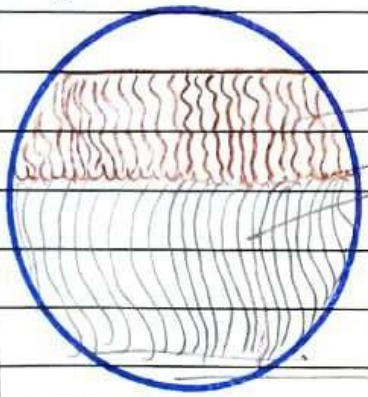
2)



2.5

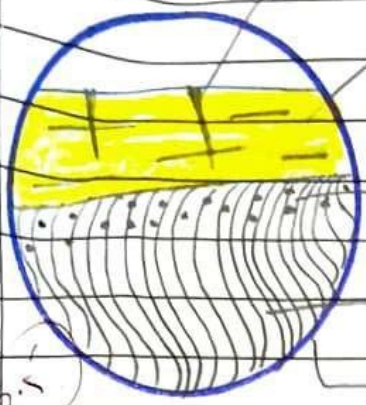
Apical group

3.)



1

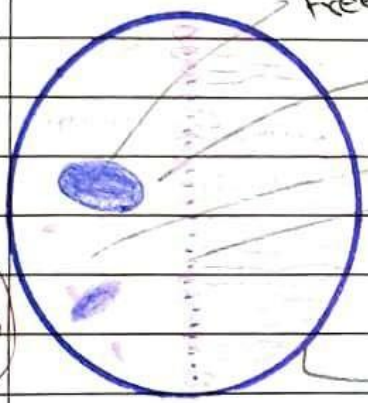
4)



3.5

Tomes granular layer

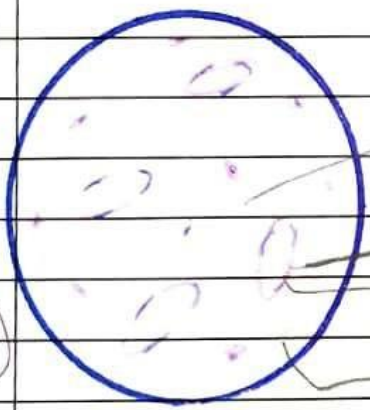
5.)



3

Free pulp Store

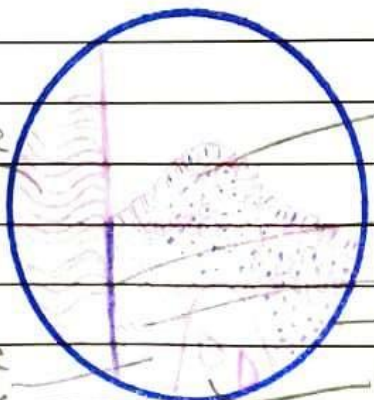
6.)



1

Core of pulp

7)



Dentine

3.5

Horizontal & oblique group of fibers

8.) Name - Permanent Mandibular left canine
FDI - 33
Age of eruption - 9-10 years
Key Identifying - i.) Root tilted towards mesial side.
ii.) Mesial slope shorter than distal slope
iii.) Distal developmental groove.
iv.) Not prominent / no bulkier cementum.

(1)

9.) Name - Permanent Maxillary left 1st premolar
FDI - 24
Age of eruption - 10-11 years.
Key Identifying - i.) Mesial slope is larger than distal slope.
ii.) Tilted root
iii.) Bifurcated root
iv.) Canine fossa on mesial surface.

(2.5)

10.) Name - Permanent Maxillary right canine
FDI - 13
Age of eruption - 8-9 years
Key Identifying - i.) longest root length.
ii.) Mesial slope shorter than distal slope
iii.) Distal developmental groove
iv.) Prominent labial ridge.

(3)

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Internal Assessment Examination

SECTION B & C

Sr. No.

INSTRUCTION TO BE FOLLOWED BY EXAMINEES / CANDIDATES

1) There Should Not Be Any Identification Mark On The Answer Booklet.
2) The Examiner Should Fill In All The Information Required On Answer Book Appropriately Including Signature.
3) Every Answer Should Be Started On A New Page.

N. B. . Candidate Who Disobeys Any Instruction Issued By The Center Incharge / Center Observer / Senior /Junior Supervisor Or Who Is Rude Or Disobedient is Liable For Disciplinary Action.

TO BE FILLED BY THE STUDENT

Name of the Student Shubham Kumar Ravi

Name of the Examination Prelim Examination Class 1st BDS

Subject Dental anatomy Dental Histology

Roll No. 74 Date 5/12/24

Pledge

I here declare that I have gone through the instruction given above & pledge to abide by them.

Signature of Candidate

Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No.	1	2	3	4	5	6	7	8	9	10	Total
Section											13
Marks obtained in Section A											22
Marks obtained in Section B	2	3	4	3	3	7					15
Marks obtained in Section C	3	3	3	3	2	1					50
Grand Total											

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Dr. Prasad

Name & Signature of IC / H.O.D.

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Internal Assessment Examination

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Name of the Examination Prelim Examination Class D^st BDS

Subject Dental anatomy Dental Histology

Roll No. 74 Date 5/12/24

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Signature of Junior Supervisor

TO BE FILLED BY THE EXAMINER

Question No. / Section	1	2	3	4	5	6	7	8	9	10	Total
Marks obtained in Section A											13½
Marks obtained in Section B	2	3	4	3	3	7					22
Marks obtained in Section C	3	3	3	3	2	1					15
Grand Total											50

Seen & No. Complaint

Student's Signature

Name & Signature of Subject Teacher

Dr. Prasad

Name & Signature of IC / H.O.D.

Section - A

1.) a.) Alveolar bone pooper ✗ 16.) b.) Neonatal teeth ✓

2.) c.) Langerhan cell ✓ 17.) c.) Circumvallate ✓

3.) a.) 34 ✓ 18.) d.) Transseptal ✓

4.) c.) Intertubular dentin ✓ 19.) c.) Mandibular 1st premolar ✓

5.) d.) Thick bone with trabeculations ✗ 20.) a.) Rhomboidal ✓

6.) d.) 5 lobes ✓

7.) b.) Type II ✗

8.) a.) Fusion ✗

9.) a.) Ostem ✓

10.) c.) Resorption ✓

11.) d.) Trans-septal ✗

12.) a.) Mamelons ✓

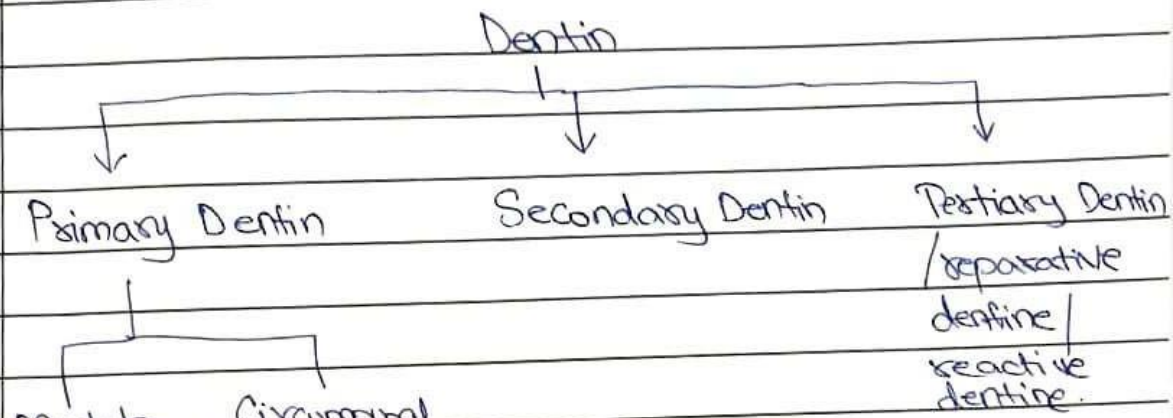
13.) b.) Bartholin's duct ✓

14.) ~~c.) Oblique fibers~~ a.) Apical fibers ✗

15.)

Section - B

1) Dentin - • Dentin is ~~the~~ formed by hydroxyappetite crystals and forms the major bulk of the root. • Content → 65% inorganic in form of hydroxappetite crystal and remaining organic content.
• Surrounds ~~pulp~~ coronal and radicular pulp.

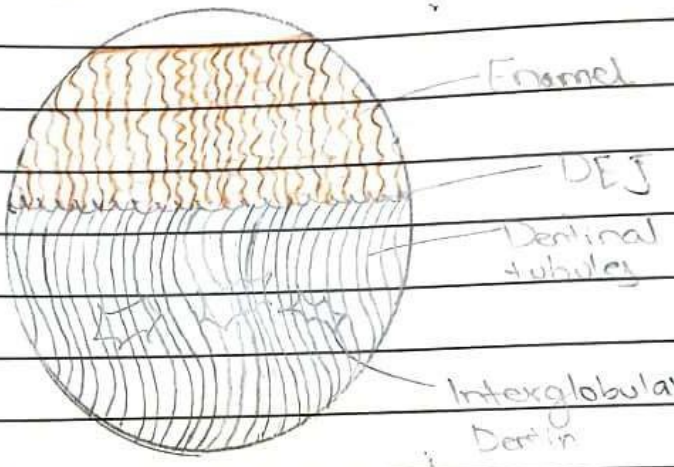


• Primary dentine - ~~Pri~~ Formed before root completion.
• Mantal dentine first formed dentin just below DEJ (Von Kraft's fibers) & DCJ (hyaline layer of Hopewell Smith)
• Circumpulpal dentine forms major bulk of dentin. Just below mantle dentine. More mineralised than mantle dentine.

• Secondary dentin - Formed after root completion.
• More wavy appearance of dentinal tubules.

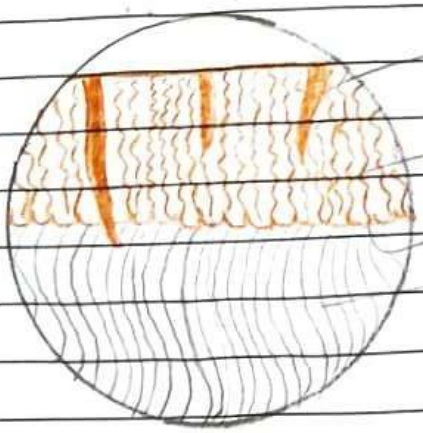
- Tertiary dentine - Formed by stimuli in case of caries, etc. Formed in localised area.

- Interglobular Dentine :-
  - When dentine deposition fail to coalesce, interglobular dentine is formed.
  - Dentinal tubules pass uninterruptedly
  - Hypocalcified structure of dentin.



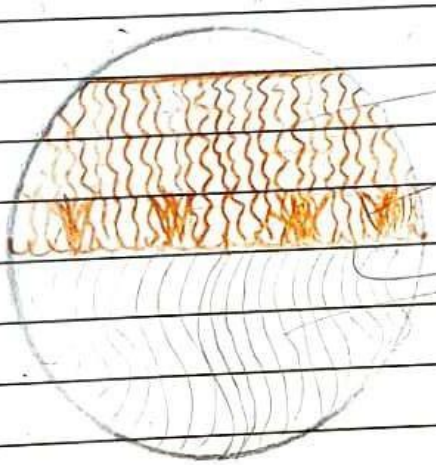
2.) Hypocalcified structure of enamel.

a.) Enamel lamellae :-
- Leaf-like structure arising from enamel surface going towards dentin.
- Areas of low calcification
- Hence susceptive site for entry of microorganisms & bacteria causing dental caries
- 3 types - Type A, Type B, Type C
  - Type A restricted to dentine
  - Type B & Type C can pass towards dentin.



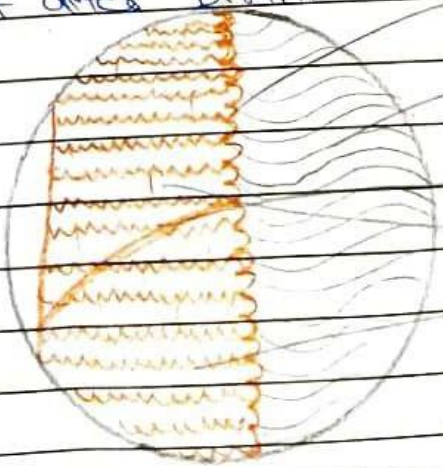
3.) Enamel tuft

- Grass-like structure arising from DEJ.
- Present till 1/5th to 3/5th of enamel section.



4.) Neonatal line

- Shows abrupt changes in enamel deposition before & after birth.



eg. Dorsum of tongue containing taste buds.

- Classification based on keratinisation :-

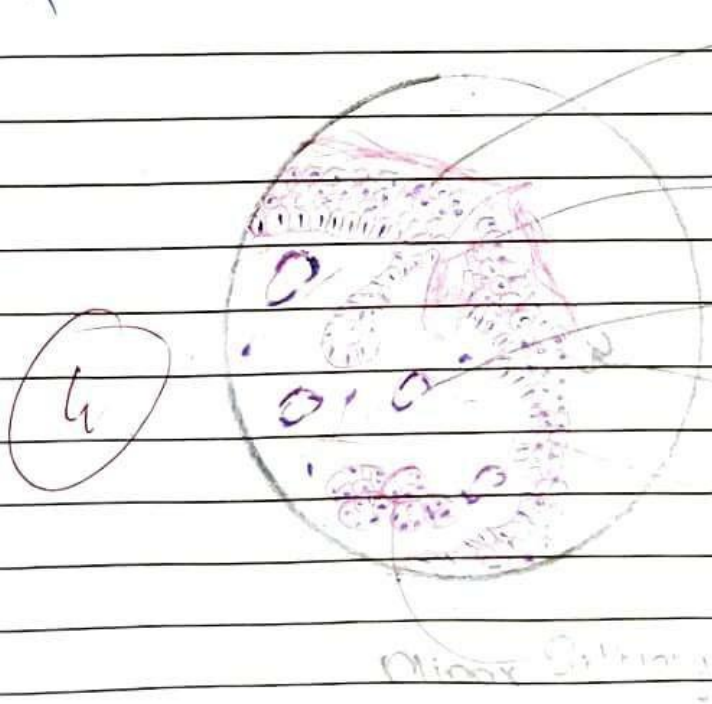
a) Keratinised — Masticatory mucosa is keratinised

- orthokeratinised
- parakeratinised.

b) Non keratinised

- Vermillion border of Lip.

– It is the transition zone of anterior portion of lip & vestibular portion of lip.



4.) Periodontium - Periodontium is the adjacent covering of alveolus in which PDL fibers get attached

Functions of PDL - a.) Nutritive
- Nourishes cementum

b.) Attachment.
- Primary function of PDL being anchors teeth in the Socket.

c.) Inductive

d.) Sensory - Helps localising pain

e.) Formative - Formation of collagen fibers of PDL

f.) Eruptive - Helps in eruption of teeth.
Procollagen converted to collagen produced contractile force which pulls teeth into occlusion.

g.) Haemostatsis.

Contd.

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74

Supplement Sheet

Name of the Student Shubham Kumar Bavli

Name of the Examination Prelim Examination Class 1st BDS

Subject DADH

Roll No. 74 Date 5/12/23

Supplement No. 1 Invigilator Signature

→

Principle group of fibers :-

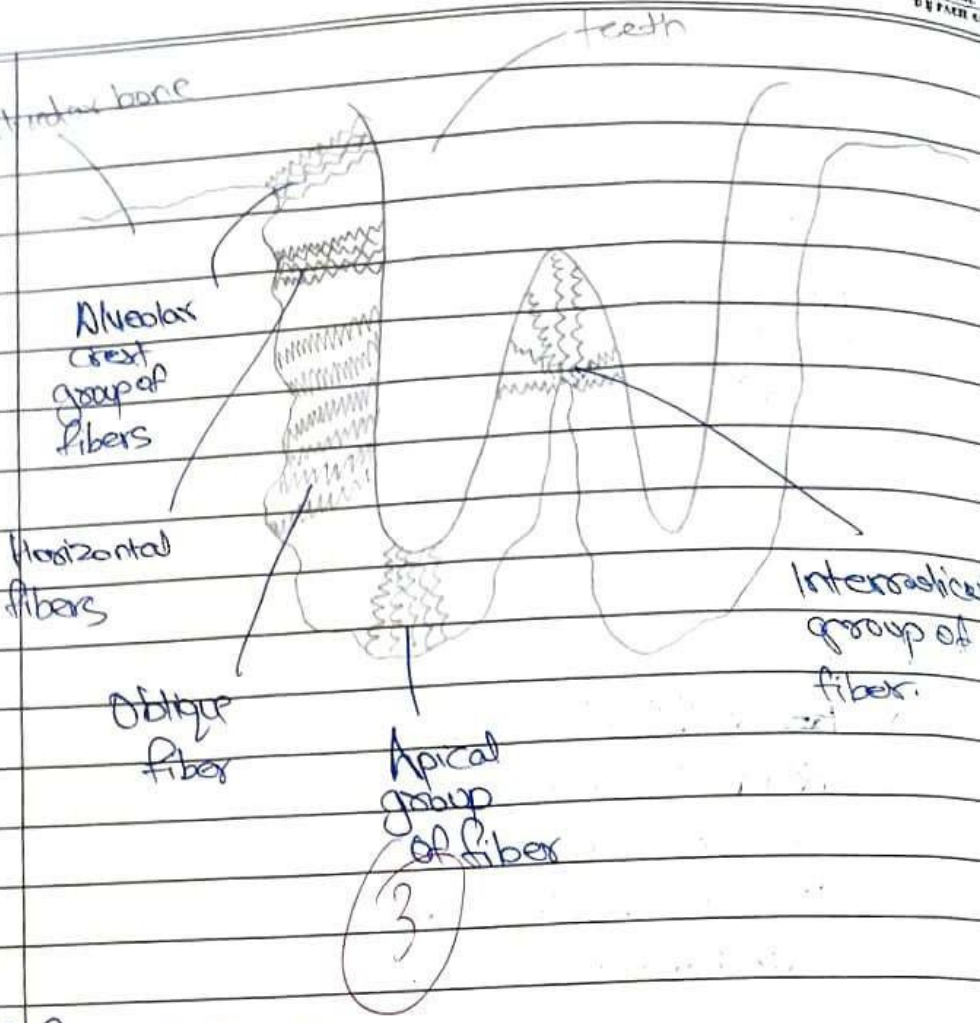
⇒ a.) Alveolar crest group of fibers
- Attaches cervical cementum to crest of alveolar bone.
- Present in Cervical part of tooth.
- Withstand intrusive forces.

b.) Horizontal group of fibers
- Pass Horizontally from Cementum to bone.

c.) Oblique group of fibers
- Most numerous in number.
- Helps withstand masticatory forces

d.) Apical group of fibers
- Present in Apical / Apex of root
- Withsand Vertical forces.

e.) Interradicular group of fibers
- Present btwn furcation of root
- Namely in molars & premolars.



3

5.) Special stains :-

a.) H & E stain

b.) PAS stain

c.) Mallarry's stain

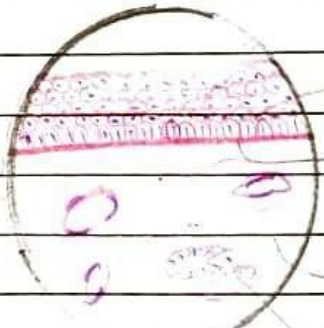
d.) Van Gesion's Stain

e.) Mason's Trichrome Stain

3

- PAS stain

- Mau PAS positive basement membrane.



- Periodic Acid Schiff's stain.

II]

6.) Tooth Development :- It is a continous process.
- Starts at 6 weeks Intra Uterine life.

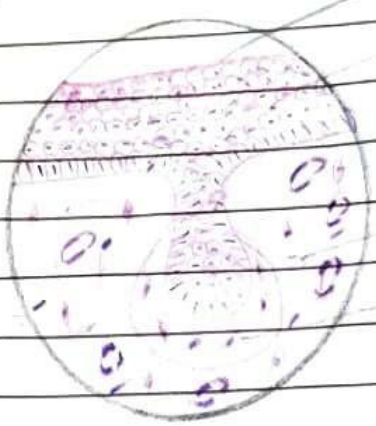
- Physiological stages of tooth development :-
  - Formation of Oral ectoderm.
  - Formation of Dental lamina & Vestibular lamina
  - Dental lamina persists till 5 years of age.
  - Distal Extension of Dental lamina forms molars.
  - Dental lamina bears primary teeth.

- Morphological stages of tooth development
  - Formation of Enamel organ from dental lamina.
  - 4 stages.
    a.) Bud Stage
    b.) Cap Stage
    c.) Early Bell stage
    d.) Advanced Bell stage.

⇒ a.) Bud stage :-
- Enamel organ takes shape of bud in this stage.
- Peripheral cells are low columnar.
- And central cells are polyhedral in shape.
- Beneath enal organ there is Dental papilla cells.
- Enamel organ together with Dental papilla forms Dental sac which is Condensation of ectomesenchymal cells.

Dental papilla - Odontoblasts → Dentin pulp.

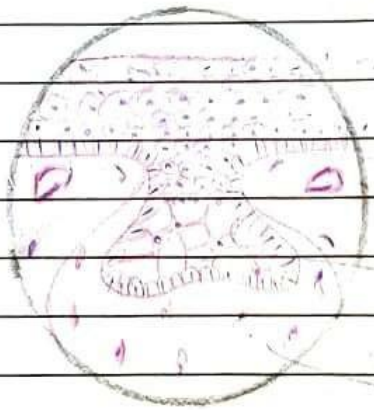
Dental sac - Cementum, periodontal ligament, alveolar bone.



Bud stage

b) Cap Stage - Unequal division of cells gives rise to cap shape of enamel organ.

- Presence of stellate reticulum. - provides cushioning effect.



Cap stage

c) Early Bell Stage :- Cervical growth of cells leads to formation of Bell shape.

Cells in this layer.

- Outer Enamel Epithelium
- Inner Enamel Epithelium
- Stratum Intermedium - Stellate Reticulum.

contd. →

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Supplement Sheet

Name of the Student: Shubham Ravi

Name of the Examination: _____ Class: 1st BDS

Subject: OMDM

Roll No.: 74 Date: _____

Supplement No.: (2) Invigilator Signature: _____

→ Outer E.E
Stellate Ret.
Stratum Inter.
Inner E.E
Dental papilla

Early Bell

d.) Advanced Bell:-
- Collapse of Stellate Reticulum
- First layer of Dentine formed by odontoblast
- Inner enamel → Ameloblast → Enamel.

Outer E.E
Collapsed Stellate
Ameloblast
Enamel
Dentin
Odontoblast

- Root is formed by Hertwigs Epithelial Root sheeth.
- Cervical area downgrowth only consisting of Inner E.E & Outer E.E.
- Epithial Diaphragm extends downwards and breaks allowing odontoblas cells Contact with mesenchymal cells hence cementoblast formed.
- No. of Epithilal Diaphragm = No. of Roots in teeth

Applied:-
- Anomalies during tooth development.
- Unerupted tooth.
- knowledge of primary dentition & sec. dent.

Section C. (7)

I.)

1.) Stages of Deglutition:-

a.) Bolus formation

- Intake of food is broken down into small fragements.
- Salivary enzymes helps in lysing substance of food.
- Chewing & Mastication with help of teeth
- Hence, food is developed as bolus.

b) Pharyngeal Phase

- When deglution occurs, soft palate is traced and tongue is lifted hence not allowing entry of food in naso pharynx.

- Entry of food in oro pharynx. epiglottis restricts entry of bolous in wind pipe.

- Pharyngeal Constrictor helps in pushing the food down wards

C.) Oesophageal Phase :-

- Food is then passed to Oesophagus.
- Peristalsis action pushes the food downwards.

3

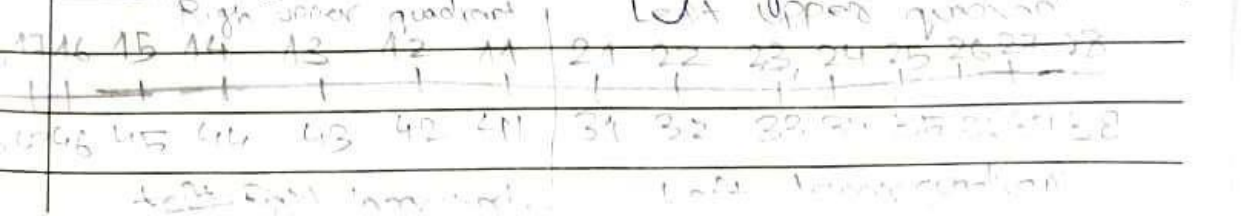
5.) Both numbering system..

a.) Universal Both numbering system.

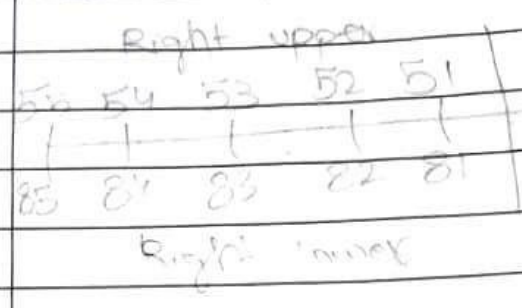
b.) FDI numbering system.

c.) Zigmondy / Palmer numbering system.

=) FDI tooth numbering system :- (Permanent D.)



Deciduous D.



(3)

3) Arch Trait:-
Mandibular 1st Premolar.

- Maxillary 1st premolar has double root
- Mandibular 1st premolar has single root
- Maxillary 1st premolar has 2 well defined cusp, Buccal cusp & lingual cusp.
- Mandibular 1st premolar has 2 cusp, Buccal well defined lingual short.
- Maxillary - Sharp ridges & elevations.
- Mandibular - Curved.
- Maxillary - have canine fossa mesial side.
- Mandibular dont have fossa.

(3)

Type trait :-
Mandibular 1st Premolar.

- Mandibular 1st has 2 lobes.
- Mandibular 2nd has 2 & 3 lobes.
- mandibular 1st has mesial marginal groove on lingual side.
- mandibular 2nd has no prominent mesial marginal groove.
- Mand. 2nd has 3 occlusal surfaces. 'H' 'Y', & 'U'. 'Y' type is developed from 3 lobe.

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Supplement Sheet

Name of the Student Shubham K. Rani

Name of the Examination Prelim. Class 2nd BDS.

Subject DADH

Roll No. 74 Date 5

Supplement No. 3 Invigilator Signature

4) Dental Formular for deciduous teeth:-

2102 — maxillary
2102 - mandibular.

In primary dentition:
- there is 20 total number of teeth
- there are 2 incisors, 1 canine & 2 molars.
- No presence of premolars.

Dental Formular for Permanent teeth:-

2123 — maxillary
2123 — mandibular. 3

In Permanent Dentition:-
- total no of teeth is 32.
- there are 2 incisors, 1 canine, 2 premolar & 3 molar.
- 2 premolar & presence of 3rd molar is characteristic of permanent dentition.

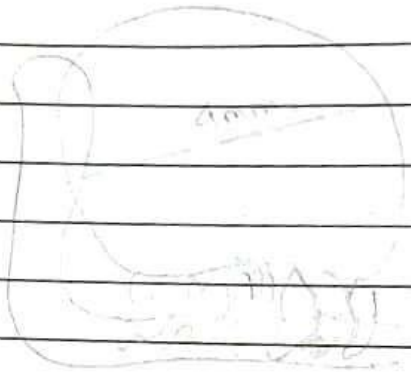
5) Occlusion - ~~It is~~ the static or dynamic contact of teeth within the occlusal plane, is known as occlusion.

⇒ Various Compensating curves :-

a.) Curve of ~~Spee~~ :-

- Starts from cannine and goes posteriorly to premolars & molar & to condyle of mandible.

- Has diameter of 4 mm.



- Has ~~antero~~ postero-medial direction.

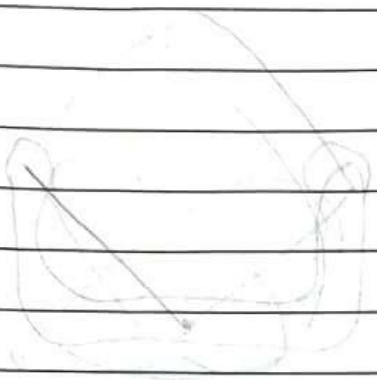
b.) Curve of

2

- Has ~~pos~~ antero-medial direction.

c) Curve of

- Centre of eyebrow.
- All in harmony



II Permanent maxillary 1st molar :-

6)

- Introduction :-

- Bulkiest tooth in oral cavity.
- Is situated between 2nd maxillary & premolars
- Chewing.

- FDI

→ Righ - 16
→ Left - 26

1

- Chronology -

- Evidence of Calafication - At birt.
- ~~Enamel completion~~ Eruption - 6 yrs.
- Enamel completion - 4-5 yrs.
- Root completion - 10-11 yrs.

D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune - 412 105

Practical / Clinical Examination Answer Book

Examination

74

Sr. No. 1

Name of the Student Shubham Kumar Ravi

Name of the Examination Prelim Examination (Practicals) Class

Subject Dental anatomy & Dental Histology

Roll No. 74 Date 11/12/23.

Students Signature "Seen No. Complaint"

Slides	20	~~(35 marks)~~
Specimen	12	(25 marks)
Carving	13	(20 marks)
Journal + Communication Skills		~~(10 marks)~~

45/80

1.)



Keratin layer.

Taste bud.

C.T.

4

Circumvallate papilae

2.)



Oral ectoderm

Stellate Reticulum

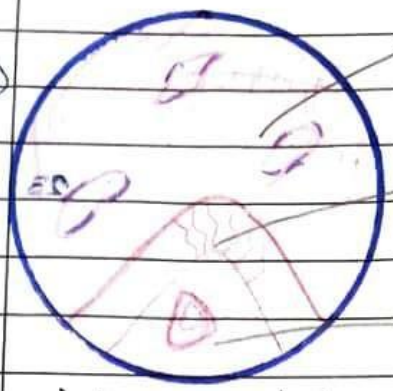
3

Inner enamel epithelium

Ectodermal papilla's.

Cap Stage

3.)



pulp chamber

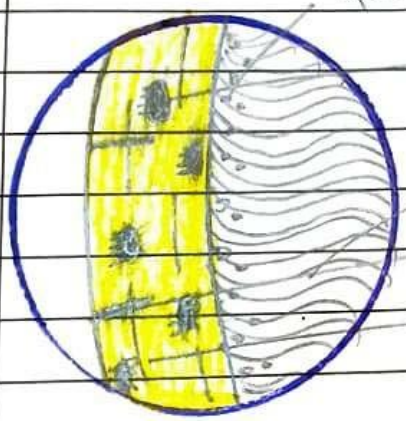
interradicular group of fibers

Alveolar bone

inter radidular group of fibers.

3

4.)



Acellular cementum

cementocytes

Dentine

sharpey's fibers

cementum

4

Cellular Cementum

5.)



free pulp stone

Attached pulp stone

embedded pulp stone

Dentine

odontogenic zone

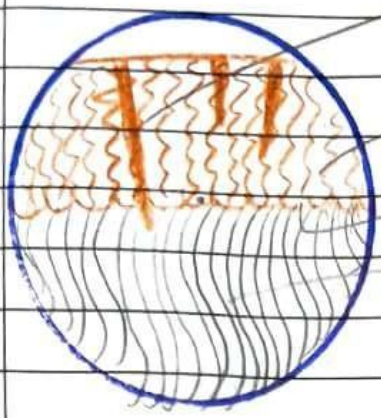
pulp core

cell free zone

pulp stone

3

6



3

Enamel lamellae

7.)



0

Osteocytes, Osteoblasts, Osteoclasts.

8.) Name - Permanent Maxillary Left central incisor.
FDI - 21
Age of eruption - 5-6 years.
Key identifying features - i.) Disto-incisal angle is curved.
ii.) Mesio-incisal angle sharp.
iii.) 'W' Shaped - lingual fossa
iv.) mesial cervical curvature more than distal cervical curvature.

4

9) Name - Permanent mandibular left 1st premolar.
FDI. - 34.
Age of eruption - 8-9 year.
Key Identifying f. - i) Mesial slope short.
ii) Distal slope longer.
iii) Mesial marginal groove on mesial side.
iv.) Root tilted towards distal side. (3)

10.) Name - Permanent maxillary left. 1st molar.
FDI - 26.
Age of eruption - 6-7 years.
Key Identifying f. - i) transverse ridge & oblique ridge of occlusal plane.
ii.) Mesio-lingual ∠ obtuse & Disto-buccal ∠ acute.
iii.) 3 root - 2 buccal 1 palatal. (3)
iv.) Cervical line curvature [redacted] at cervical line.

11.) Permanent mandibular arch. Age → [redacted] 9-10 years.
- 2 molars. (1st & 2nd.)
- 2 premolars.
- 2 incisors
- [redacted] canine missing.
each [redacted] quadrant. (1)

12.) Permanent maxillary arch. age - 14-17 years.
- 2 [redacted] incisors.
- 1 canine
- 2 premolars.
- 2 molars (1st & 2nd).
- 3rd molar missing
(1)

LINGARAJ J SHIGLI ANAND
Digitally signed by LINGARAJ SHIGLI ANAND
Date: 2024.06.27 18:42:58 +05'30'