SECOND B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours
Maximum: 100 marks
Two and a half hours Sec. A & Sec. B: 70 marks
for Sec. A and Sec. B Section C: 30 marks

Answer Sections A and B in the same Answer Book.

Answer Section C in the Answer Sheet provided.

Draw diagrams wherever necessary.

SECTION A — (2 x 15 = 30 marks)

1. Describe the structure of a mature enamel.

2. Describe the histology of hard palate.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Age changes in dentin
   (b) Bell stage of enamel organ
   (c) Histology of serous cells
   (d) Taste buds
   (e) Gingival group of fibers
   (f) Cellular cementum
   (g) Ligament traction theory
   (h) Occlusal surface of maxillary first premolar.
SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time : Three hours  
Two and a half hours  
for Sec. A and Sec. B

Maximum : 100 marks  
Sec. A & Sec. B : 70 marks  
Section C : 30 marks

Answer Sections A and B in the same Answer book.
Answer Section C in the Answer sheet provided.

Draw diagrams wherever necessary.

SECTION A — (2 × 15 = 30 marks)

1. Describe the macro and microscopic appearance of gingiva.

2. Describe the morphology of permanent mandibular first molar.

SECTION B — (8 × 5 = 40 marks)

3. Write short answers on:
(a) Papillae of the tongue.
(b) Formative phase of ameloblast.
(c) Cap stage of tooth development.
(d) Striated duct of major salivary gland.
(e) Histology of bone.
(f) Histology of epithelium lining the maxillary sinus.
(g) Matrix vesicle theory
(h) Masticatory cycle.
SECOND B.D.S. DEGREE EXAMINATION.
(Revised Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours  Maximum: 100 marks
Two and a half hours  Sec. A & Sec. B: 70 marks
for Sec. A & Sec. B  Section C: 30 marks

Answer Sections A and B in the same Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Write in detail about the various types of oral mucosa.

2. Mention the branches of the trigeminal nerve and write in detail about the mandibular nerve.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Types of dentin.
   (b) Development of root.
   (c) Hyper cementosis.

(d) Taste buds.
(e) Curve of spee.
(f) Amelogenesis.
(g) Cementocytes.
(h) Difference between deciduous and permanent first molars.
SECOND B.D.S. DEGREE EXAMINATION
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours
Two and a half hours for Sec. A & Sec. B

Maximum: 100 marks
Sec. A & Sec. B: 70 marks
Section C: 30 marks

Answer Sections A and B in the same Answer Book.
Answer Section C in the Answer Sheet provided.

Draw diagrams wherever necessary.

SECTION A — (2 \times 15 = 30 marks)

1. Describe the morphology of the maxillary permanent canine and compare it with the deciduous canine tooth.

2. Describe the life cycle of Ameloblast.

SECTION B — (8 \times 5 = 40 marks)

3. Write short notes on:
   (a) Anatomical crown and clinical crown.
   (b) Active eruption and passive eruption.
   (c) Histological differentiation and morphological differentiation.
   (d) Gingival group of fibres.
   (e) Mandibular nerve.
   (f) Anatomy of parotid gland.
   (g) Age changes of pulp.
   (h) Ground section.
SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours Maximum: 100 marks
Two and a half hours Sec. A & Sec. B: 70 marks
for Sec. A and Sec. B Section C: 30 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Explain in detail about amelogenesis.

2. What is pain? Explain the pain pathway and trace it from the maxillary 1st molar.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Functions of Saliva.
   (b) Bell stage of tooth development.

(c) Interglobular dentin.
(d) Cementogenesis.
(e) Difference between deciduous and permanent teeth.
(f) Shift of dentogingival junction.
(g) Extracranial course of facial nerve.
(h) Enamel lamellae and tufts.
SECTION B — (8 × 5 = 40 marks)

3. Short notes:
   (a) Dentinal tubules
   (b) Histo differentiation
   (c) Tooth numbering systems
   (d) Incremental lines of Retzius
   (e) Intercalated ducts
   (f) Otic ganglion
   (g) Principal fibres of the periodontal ligament
   (h) Submandibular gland.
SECONB D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time : Three hours  
Maximum : 100 marks

Two and a half hours  
Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B  
Section C : 30 marks

Answer Sections A and B in the SAME Answer Books.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Classify the oral mucous membrane. Describe in detail about the gingiva.

2. Describe the Triads of molars. Describe in detail about the morphology of lower 1st molar.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
   (a) Eruption of teeth.
   (b) Functions of periodontal ligament.
   (c) Hypocalcified structures of dentin.
   (d) Blood supply to face.
   (e) Swallowing and deglutition.
   (f) Difference between cementum and bone
   (g) Myoepithelial cells.
   (h) Maxillary sinus.
OCTOBER - 2003


SECOND B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours Maximum: 100 marks
Two hours and forty minutes
for Sec. A and Sec. B Sec. A & Sec. B: 80 marks
Twenty Minutes for Sec. C Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A

1. Discuss in detail about the light microscopic features of the enamel. (15)

2. Describe the morphology of lower II premolar. (15)

SECTION B

3. Write short notes on: (10 x 5 = 50)
   (a) Theories of eruption.
   (b) Principle fibres of periodontal ligament.
   (c) Hypercementosis and excementosis.
   (d) Age changes of dentin.
   (e) Anatomy of parotid gland.
   (f) Histology of pulp.
   (g) Cap stage of tooth development.
   (h) Formation of palate.
   (i) Nerve supply of tongue.
   (j) Composition of saliva.
SECOND B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours

Maximum: 100 marks

Two hours and forty minutes
for Sec. A and Sec. B
Sec. A & Sec. B: 80 marks

Twenty minutes for Sec. C
Section C: 20 marks

Answer Sections A and B in SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

3. Write short notes on:
   (a) Muscles of the tongue
   (b) Otic ganglion
   (c) Advanced bell stage of tooth development
   (d) Antrum of Highmore
   (e) Functions of saliva
   (f) Fixatives
   (g) Types of dentine
   (h) Embrasures
   (i) Denticles
   (j) Primate space.

1. Describe in detail the development of the middle third of the face.

2. Classify salivary glands and write in detail on the anatomy, histology and innervation of the parotid gland.
SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours
Sec. A & B: Two hours and forty minutes
Section C: Twenty minutes

Maximum: 100 marks
Sec. A & B: 80 marks
Section C: 20 marks

Answer Section A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. List the eruption dates of deciduous and permanent teeth and write in detail on the theories of tooth eruption. (15)

2. Compare and contrast the morphology of Maxillary first permanent molar and mandibular first permanent molar. (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   (a) Striated ducts.
   (b) Specialized mucosa.
   (c) Chemical composition of bone.
   (d) Muscles of mastication.
   (e) Functions of pulp.
   (f) Junctional epithelium.
   (g) Hematoxylin.
   (h) Stages of deglutition.
   (i) Taste buds.
   (j) Epithelial rests.
SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)
Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY,
HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours Maximum: 100 marks
Sec. A & B: Two hours and Sec. A & B: 80 marks
forty minutes
Section C: Twenty minutes Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Classify the oral mucosa according to structure and function. Describe the histology of keratinised Oral mucosa in detail with suitable diagrams. (15)

2. Describe the histology of mixed salivary gland. (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
(a) Bone remodeling.
(b) Odontoblast process.
(c) Principal fibers of periodontal ligament.
(d) Taste buds.
(e) Point Angles.
(f) Key of Occlusion.
(g) Lateral Pterygoid Muscle.
(h) Inferior Alveolar Nerve.
(i) Trigeminal nerve.
(j) Maxillary sinus – Anatomy.

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SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours                           Maximum: 100 marks
Sec. A & B: Two hours and forty minutes    Sec. A & B: 80 marks
Section C: Twenty minutes                  Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

Answer ALL questions.

SECTION A — (2 x 15 = 30 marks)

1. Describe amelogenesis with suitable diagrams.

2. Describe the histology of pulp.

SECTION B — (10 x 5 = 50 marks)

3. Write short notes on:
   (a) Occlusal surface of mandibular 2nd premolar.
   (b) Contact points and areas.
[KO 655] Sub. Code : 4134

SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time: Three hours Maximum: 100 marks
Sec. A & B: Two hours and forty minutes Sec. A & B: 80 marks
Section C: Twenty minutes Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

1. Mention different parts of alveolar bone and describe the histology with suitable diagrams.

2. Describe the different stages of tooth development.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   (a) Composition of saliva
   (b) Circumvallate papillae.
   (c) Nerve supply to mandibular teeth
   (d) Fossa
   (e) Occlusal surface of mandibular first premolar
   (f) Temporalis muscle
   (g) Facial nerve
   (h) Over jet and overbite
   (i) Coll rest of malleus
   (j) Inter globular dentin.

2 [KO 655]
SECOND B.D.S. DEGREE EXAMINATION.
( Modified Regulations)

Paper 1 — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time : Three hours          Maximum : 100 marks
Descriptive : Two hours and forty minutes Descriptive : 80 marks
Objective : Twenty minutes Objective : 20 marks

Answer ALL questions.

Write essays on:

1. Define and classify oral mucous membrane. Describe macroscopic and microscopic features of dorsum of the Tongue. (20)

2. Discuss in detail the life cycle of Ameloblast. (15)

3. Describe the histology of periodontal ligament, and briefly mention its functions. (15)

4. Write short notes on:  (6 x 5 = 30)
   (a) Point angles and line angles
   (b) Properties of saliva
SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations)
Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time : Three hours
Descriptive : Two hours and forty minutes
Objective : Twenty minutes

Maximum : 100 marks
Descriptive : 80 marks
Objective : 20 marks

Answer ALL questions.

1. Write in detail the origin, course and distribution of the principal sensory nerve of the oral cavity. (20)

2. Enumerate with suitable diagrams the microscopic structure of enamel. (15)

3. Classify oral mucosa and discuss the cellular events in the maturation of keratinized mucosa. (15)

4. Write short notes on:
   (a) Zones of pulp
   (b) Mention the theories of tooth eruption

   \( 6 \times 5 = 30 \)

   (c) Types of cementum
   (d) Parathormone (PTH)
   (e) Ridges
   (f) Alveolar bone.
AUGUST 2007


SECOND B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Time : Three hours Maximum : 100 marks

Descriptive : Two hours and Descriptive : 80 marks

forty minutes

Objective : Twenty minutes Objective : 20 marks

Answer ALL questions.

Essays : (2 x 15 = 30)

1. Discuss in detail about the microscopic features of masticatory mucosa. (15)

2. Describe the morphology of maxillary permanent first molar with relevant diagrams. (15)

3. Write short notes on : (10 x 5 = 50)

(a) Bundle bone.
(b) Trigeminal nerve.
(c) Maxillary sinus-anatomy.
(d) Chronology of primary dentition.
(e) Ground section of a tooth.
(f) Functions of periodontal digament.
(g) Meckel's cartilage.
(h) Late bell stage.
(i) Waldeyer's ring.
(j) Deglutition.
FEBRUARY 2008


SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations III)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY,
HISTOLOGY AND TOOTH MORPHOLOGY

Q.P. Code 544134

Time : Three hours          Maximum : 100 marks
Descriptive : Two hours and forty minutes  Descriptive : 80 marks
Objective : Twenty minutes  Objective :  20 marks

Answer ALL questions.

I. Essay :                     (2 x 15 = 30)
   (1) Discuss the microscopic structure of dentin.
   (2) Describe the morphology of mandibular permanent second premolar with relevant diagrams.

II. Write short notes on :     (10 x 5 = 50)
   (1) Development of tongue
   (2) Hypocalcified areas in enamel
   (3) Denticles

(4) Sharpey's fibers
(5) Mast cells
(6) Gingival fibers
(7) Histology of striated duct of salivary gland.
(8) Occlusion—salient features.
(9) Nerve supply of maxillary posterior teeth
(10) Age changes of pulp.
First B.D.S Degree Examination
(Modified Regulations – III)

Paper I – Human Anatomy, Histology and Embryology

Q.P. Code: 544131

Maximum: 100 Marks

Time: Three hours

1. Describe the Tongue under the following Headings:–
   a. Muscles
   b. Nerve Supply
   c. Lymphatic Drainage
   d. Development

2. Describe the Surfaces, Borders, Capsule, Relations, Structures and Nerve Supply of Parotid Gland.

II. Write Short Notes On:

1. Lingual Nerve
2. I Part of Maxillary Artery
3. Otic Ganglion
4. Oblique Muscles of Eyeball
5. Structure of Palatine Tonsil
6. Nasal septum
7. Tentorium Cerebelli
8. Inferior Constrictor of Pharynx
9. Derivatives of II (Second) Pharyngeal Arch
10. Corpus Callosum.
SECOND B.D.S DEGREE EXAMINATION
(Modified Regulations – III)
Paper I – HUMAN ORAL ANATOMY, PHYSIOLOGY,
HISTOLOGY AND TOOTH MORPHOLOGY

Q. P. Code : 544134

Time : Three hours                                           Maximum: 100 Marks
Answer ALL questions.

I. Essays :                                                (2 x 20 = 40)

1. Enumerate the various stages of tooth development and describe in
detail advanced Bell stage.

2. Describe the morphology of maxillary permanent second molar with
relevant diagrams.

II. Write Short notes on :                                (10 x 6 = 60)

2. Osteoclasts.
3. Acellular cementum.
4. Odland Bodies.
5. Maxillary sinus.
6. Functions of saliva.
7. Inferior alveolar nerve.
9. Lamina dura.
10. Principal fibres of periodontal ligament.
SECOND B.D.S DEGREE EXAMINATION
(Modified Regulations – III)
Paper I – HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY
Q. P. Code : 544134

Time : Three hours
Maximum: 100 Marks
Answer ALL questions.

I. Essays :
(2 x 20 = 40)

1. Classify oral mucous membrane. Discuss in detail about specialized mucosa.

2. Enumerate the morphological differences between deciduous and permanent teeth. Discuss the occlusal aspect of mandibular second premolars.

II. Write Short notes on :
(10 x 6 = 60)

1. Composition of saliva.
2. Advanced bell stage.
3. Zones of the pulp.
5. Theories of dentin sensitivity.
6. Fibres of the gingiva.
7. Osteoblast and osteoclast.
8. Bundle bone.
10. Mandibular nerve.

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February 2010

[KW 655] Sub. Code : 4134

SECOND B.D.S DEGREE EXAMINATION
(Modified Regulations – III)

Paper I – HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Q. P. Code : 544134

Time : Three hours Maximum: 100 Marks
Answer ALL questions.

I. Essays :

1. Development, anatomy, structure and functions of salivary glands.

2. Write in detail about the morphology of right permanent maxillary first molar tooth.

II. Write Short notes on :

1. Dentino-enamel junction.

2. Theories of tooth eruption.


4. Enamel lamella.

5. Maxillary sinus.

6. Taste bud.

7. Calcium homeostasis.

8. Compare osteocyte and cementocyte.


10. Inter and peri-tubular dentin.

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SECOND B.D.S DEGREE EXAMINATION
(Modified Regulations – III)

Paper I – HUMAN ORAL ANATOMY, PHYSIOLOGY,
HISTOLOGY AND TOOTH MORPHOLOGY

Q.P. Code: 544134

Time: Three hours             Maximum: 100 Marks
Answer ALL Questions

I. Essays: 2 x 20 = 40 Marks

1. Write in detail about the course and relations of Maxillary Nerve.
2. Define Eruption. Explain the various theories of Tooth Eruption.

II. Write short notes on: 10 x 6 = 60 Marks

1. Various Notation systems.
2. Hypocalcified structures of Enamel.
4. Structure of Maxillary Sinus.
7. Pulp stores.
10. Leeway space of Nance.

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SECOND B.D.S. DEGREE EXAMINATION.
(Modified Regulations — III)

Paper I — HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY
AND TOOTH MORPHOLOGY

Q.P. Code : 544134

Time : Three hours
Answer ALL questions.

I. Essays : (2 x 20 = 40)
1. Describe the macroscopic and microscopic features of Gingiva with diagrams.
2. Describe in detail about the morphology of permanent maxillary canine.

II. Write short notes on : (10 x 6 = 60)
1. Development of Mandible.
2. Enamel Rods.
3. Cellular cementum.
4. Principal fibres of periodontal ligament.
5. Histological zones of Dental pulp.
7. Functions of Saliva.
8. Histology of Maxillary sinus.
9. Occlusal surface morphology of permanent mandibular First Molar.
10. Secondary Dentine.
SECOND B.D.S. DEGREE EXAMINATION
HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND TOOTH MORPHOLOGY

Q. P. Code : 544134

Time : Three hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions: (2 x 20 = 40)

1. Write in detail about the structure of dentin. Add a note on age changes of dentin.

2. Classify cementum. Write about cementogenesis and the functions of cementum.

II. Write Short notes on: (10 x 6 = 60)

1. Serous cell.

2. Occlusal morphology of mandibular second premolar.

3. Deglutition.

4. Zones of pulp.

5. Enamel lamellae.

6. Chronology of permanent dentition.


8. Fixation.

9. Bell stage of tooth development.

10. Incremental lines.

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February 2012


SECOND B.D.S. DEGREE EXAMINATION

PAPER – I

HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND
TOOTH MORPHOLOGY

Q.P.Code: 544134

Time: Three hours Maximum: 70 Marks

Answer ALL questions in the same order
Draw Suitable diagrams wherever necessary

I. Elaborate on: (2x10=20)

1. Enumerate and discuss the light microscopic features of enamel.
2. Classify oral mucosa and describe the process of keratinization.

II. Write notes on: (10x5=50)

1. Describe occlusal aspect of right maxillary permanent first molar.
2. Ultrastructure of serous cell.
4. Resting and reversal lines.
5. Describe briefly morphodifferentiation of enamel organ.
6. Alveolar bone.
7. Zones of pulp.
8. Chronology of eruption of permanent teeth.
10. Calcium regulators.

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Elaborate on:

1. Classify oral mucous membrane. Discuss in detail about specialized mucosa.
2. Describe the differences between deciduous and permanent dentition. Describe the occlusal morphology of permanent right maxillary first molar.

Write notes on:

1. Calcium metabolism.
2. Ground section.
3. Development of palate.
4. Functions of the periodontal ligament.
5. Theories of eruption.
7. Enamel lamellae.
8. Types of dentin.
10. Chronology of permanent teeth.
11. Histology of cementum.
12. Cap stage.
I. Elaborate on: (2x10=20)

2. Write an essay on morphology of mandibular 1st molar tooth.

II. Write notes on: (10x5=50)

1. Types of dentin.
2. Hertwig’s epithelial root sheath.
3. Myoepithelial cells.
4. Theories of dentinal sensitivity.
5. Fixation & dehydration in tissue processing.
6. Tome’s process.
7. Endochondral ossification.
8. Functions of periodontal ligament.
10. Zone of pulp.

*******
I. Elaborate on:  

1. Explain the various stages in development of tooth in detail with suitable diagrams.

II. Write notes on:  

1. Enamel lamellae and tufts.
2. Theories of tooth eruption.
3. Neonatal lines
4. Histology of Pulp
5. Define the following – Centric occlusion and Centric relation.
6. Types of Cementum
7. Occlusal surface of Mandibular II Premolar.
8. Epithelial Attachment
9. Non-Keratinocytes
10. Functions of Periodontal ligament.

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I. Elaborate on: (2X10=20)

1. Classify Oral mucosa and write in detail about Keratinized mucosa.

2. Describe the morphology of permanent mandibular first molar.

II. Write Notes on: (10X5=50)

1. Bell stage
2. Gnarled enamel
3. Theories of dentin hypersensitivity
4. Development of tongue
5. Histology of pulp
6. Sharpey’s fibres
7. Curve of spee
8. Differences between deciduous and permanent dentition (any 5)
9. Serous cells
10. Non Keratinocytes

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