

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

Final Internal Assessment Examination (Sent Up) - Theory

1st yr B.D.S (Batch 2010 – 14)

Subject: Dental Anatomy & Oral Histology

Time: 3hrs

Date: 16/09/11

MM: 70

LIBRARY

ITS Dental College Hospital & Research Centre

Note :

47, Knowledge Park-III, Greater Noida

1. Attempt all questions.
2. Draw neat and labelled diagram wherever necessary.
3. Attempt Part A & Part B in separate sheets.

Part – A

Q.1. Classify Oral Mucus Membrane. Discuss in detail the histology of oral epithelium in relation to functional adaptation in different parts of the oral cavity. [8]

Q.2. Discuss in detail the structure and clinical considerations of Alveolar Bone. [8]

Q.3. Write briefly on the following- [2x5=10]

- a. Theories of tooth eruption
- b. Advanced Bell Stage

Q.4. Write short notes on – [3x3=9]

- a. Physiology of shedding of teeth.
- b. Dentogingival Junction
- c. Functions of Periodontal Ligament.

Part – B

Q.1. Describe anatomy of TMJ. Discuss in detail muscles of mastication. [8]

Q.2. Describe in detail morphology of Permanent right Mandibular First Molar. [8]

Q.3. Write briefly on the following- [2x5=10]

- a. Compensatory Curves in Occlusion
- b. Occlusal aspect of Permanent Maxillary First Molar.

Q.4. Write short notes on – [3x3=9]

- a. Leeway Space of Nance.
- b. Spillways
- c. Basket cells

LIBRARY

ITS Dental College Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

Dated: 09.02.11

Time: 3 hrs

MM:70

- Note:
1. Attempt all the questions
 2. Draw neat & near well labelled diagrams wherever necessary
 3. Use separate answer sheets for Part A & Part B

First Internal Assessment Examination - Theory

1st yr B.D.S (2010 Batch)

Subject: Dental Anatomy & Dental Histology

Part A

MM:35

- Q.1. Enumerate & discuss in detail stages of tooth development. (9)
- Q.2 Describe in detail life cycle of Ameloblast. (9)
- Q.3 Write short notes on:- (3x4=12)
- a) Theories of dentin sensitivity
 - b) Development of tongue
 - c) Age changes in dentin
 - d) Hypocalrified structures in enamel
- Q.4 Multiple choice questions (1x5=5)
- 1) The cap stage does not contain which of the following transitory structure.

a) Enamel Knot	c) Enamel Cord
b) Enamel Matrix	d) Enamel Niche
 - 2) Other name of denticles is:-

a) Cementicles	c) both A & B
b) Pulp stones	d) None of the above
 - 3) Incremental lines of dentin are:-

a) Lines of Von ebner	c) Lines of Salter
b) Lines of Retzius	d) Reversal lines
 - 4) Enamel Spindles are formed by

a) Ameloblast	c) Odontoblastic processes
b) Hypocalcified rods	d) Cracks
 - 5) Neural crest cells do not differentiate into

a) Melonocytes	c) Ameloblasts
b) Ganglion cells	d) Odontoblasts

LIBRARY

ITS Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida

Part B

MM: 35

- Q.1. Describe in detail Morphology of left permanent maxillary central Incisor. (10)
- Q.2 Write short notes on:- (4x2=8)
1. Tooth numbering systems
 2. Arch traits of Incisors
- Q.3 Write in brief on:- (3x4=12)
1. Pit & fossa & their significance
 2. Eruption sequence of Primary & Succedaneous tooth
 3. Ridges
 4. Hertwing's epithelial Root sheath
- Q.4 Multiple choice questions:- (1x5=5)
1. In an average child mixed dentation period is from
 - a) 10yrs – 25 yrs
 - b) 6 yrs – 13 yrs
 - c) 4 yrs – 12 yrs
 - d) 8 yrs – 17 yrs
 2. The first premolar replaces the primary
 - a) Canine
 - b) Premolar
 - c) Second molar
 - d) First molar
 3. All of the following are line angles except –
 - a) Disto-Occlusal
 - b) Mesio-distal
 - c) Mesio buccal
 - d) Bucco Occlusal
 4. Cusp of carabelli is seen in Permanent –
 - a) Maxillary 1st Premolar
 - b) Maxillary 1st molar
 - c) Mandibular 1st Premolar
 - d) Mandibular 1st molar
 5. Age of Eruption of Primary teeth range from-
 - a) 9 months – 36 months
 - b) 6 months – 30 months
 - c) 12 months – 60 months
 - d) 6 yrs – 12 yrs

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE
47, KNOWLEDGE PARK – III, GREATER NOIDA

1st YR. B.D.S (2010 Batch)

2nd INTERNAL ASSESSMENT EXAMINATION-THEORY

Subject: - Dental Anatomy & Oral Histology

Date: 23/05/11

Max. Marks: 70

Time: 3 hours

Note:

1. Attempt all the questions.
2. Draw neat and well labeled diagrams wherever necessary.
3. Use separate answer sheets for part A & part B

PART –A

Q1. Classify Salivary glands. Discuss in detail Histology of Submandibular glands (9)

Q2. Classify cementum. Discuss in detail formation & functions of cementum. (9)

Q3. Write Short Notes on: (3X4=12)

- | | |
|-----------------------------------|----------------------------|
| a) Age changes in pulp | c) Early Bell stage |
| b) Fibers of Periodontal ligament | d) Cemento enamel Junction |

Q4. Multiple Choice Questions (1X5=5)

1. Which tooth has got maximum mesio-distal width of the crown
a) Mandibular central incisor
b) Maxillary central incisor
c) Maxillary canine
d) Maxillary 1st premolar
2. Minimum number of lobes required for a permanent tooth to develop
a) 1
b) 2
c) 3
d) 4
3. "V" shaped fossae is present on
a) Maxillary central incisor
b) Mandibular central incisor
c) Maxillary lateral incisor
d) Mandibular lateral incisor
4. Occlusal surface of maxillary first premolar is
a) Trapezoid
b) Rhomboid
c) Square
d) Hexagonal
5. Pulp horns are prominent in
a) Permanent dentition
b) Deciduous dentition
c) both the above
d) None

mandibular central incisor

PART -B

Q1 . Discuss in Detail Morphology of Permanent Right Maxillary First Premolar (10) *

Q2. Describe in geometric forms, the crown outlines of permanent teeth. Write the Significance of these forms. (8)

Q3. Discuss in detail differences between Primary & Permanent dentition (6)

Q4. Write in brief on – (2x3=6)

a) Functions of Saliva

Q5. Multiple choice question: (1X5=5)

1. Remnants of Hertwig's epithelial root sheath are known as

a) Cell rests of Serre

c) Cervical loop

b) Cell rests of Malassez

d) Enamel niche

2. Plexus of Raschkow is present in

a) Pulp core

b) Zone of Weil

c) Subodontoblastic zone

d) Cell rich zone

3. Overlap in cemento – enamel junction occurs in

a) 60%

☒ b) 30%

c) 10%

d) none

4. Periodontal ligament is derived from

a) Dental papilla

b) Dental sac

c) Inner enamel epithelium

d) Outer enamel epithelium

5. Basket cells are

a) Serous cells

b) Myoepithelial cells

c) ~~g~~ Mucous cells

d) Ductal cells