

# I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

B.D.S 1<sup>st</sup> year – 2011 Batch

First Internal Assessment

Subject: Dental Anatomy & Oral Histology

1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Answer all the questions in one sheet only.

**LIBRARY**

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

21.01.12  
Time: 3.0 hrs.

## PART-A

M.M: (70)

- Q. 1 Enumerate stages of Tooth development. Discuss in detail Bell stage of Tooth development. [9]
- Q. 2 Define Amelogenesis. Discuss in detail life cycle of Ameloblast. [8]
- Q. 3 Write notes on: 5X2=[10]  
a) Derivatives of pharyngeal arches & pouches  
b) Hypocalcified structures seen in enamel
- Q. 4 Write brief notes on 4X2=[8]  
a) Hertwig's epithelial root sheath  
b) Neural crest cells ✓  
c) Hunter Schreger bands ✓  
d) Development of tongue ✓

## PART-B

- Q. 1 Discuss in detail morphology of Right Permanent Maxillary Central Incisor. [9]
- Q. 2 Discuss in detail Tooth Numbering Systems. [8]
- Q. 3 Write short notes on 5X2=[10]  
a) Class traits of Maxillary Incisors.  
b) Eruption sequence of Primary and Succedaneous tooth
- Q. 4 Write brief notes on 4X2=[8]  
a) Dental lamina  
b) Ridges in Permanent Maxillary first molar  
c) Treacher Collin syndrome  
d) Enamel cuticle

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

47, KNOWLEDGE PARK-III, GREATER NOIDA (U.P.)

Date : 26-05-12

## Second Internal Assessment Examination – Theory

First year B.D.S (2011- Regular Batch)

Subject: Dental Anatomy & Oral Histology ✓

Time: 3hrs

MM: 70

**Note:** 1. Attempt all questions

2. Draw neat & well labeled diagrams wherever necessary

3. Use separate answer sheets for Part A & Part B

### PART –A

Q.1. Classify salivary glands. Discuss in detail histology of Submandibular gland.9

Q .2. Write detailed notes on : ( 2x5=10)

- a) Theories of pain transmission
- b) Age changes in pulp

Q .3. Write notes on: (2x 4=8)

- a) Fibers of Periodontal Ligament
- b) Functions of Cementum

Q .4. Write brief note on: (4x2=8)

- a) Cementoenamel Junction
- b) Zones of Pulp
- c) Types of Dentin
- d) Basket cells

## PART- B

Q.1. Discuss in detail morphology of Right Permanent Maxillary Canine. 9

Q.2. Discuss in detail differences between Primary & Permanent dentition. 7

Q .3. Write notes on: (3x 5=15)

- a) Arch traits of canines
- b) Different tooth Nomenclature
- c) Function & composition of Saliva

Q .4. Write brief note on: ( 2x 2=4)

- a) Ridges
- b) Plexus of Rashkow

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