

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

47, Knowledge Park-III, Greater Noida

Ist Year BDS (Batch 2016)

First Internal Assessment Examination – Theory

Dental Anatomy, Embryology & Oral Histology

Date:- 06/02/2016

**Note:** Attempt all the questions.

Draw well labeled Diagrams wherever necessary.

Answer each Part in separate answer sheet.

**Time:** 3Hrs

**Maximum Marks:** 70

## PART A

[Max. Marks: 35]

1. Discuss different stages of tooth development with well-labeled diagrams 08 Marks
2. Discuss about Amelogenesis and life cycle of ameloblasts 08 Marks

**Write briefly on:**

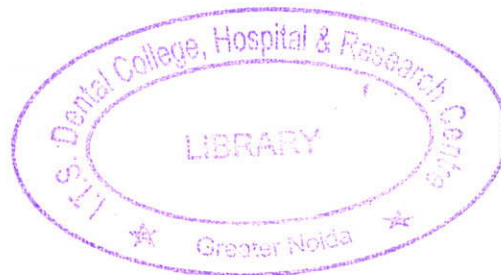
5Marks Each

1. Hypocalcified Structures of Enamel
2. Types of Dentin

**Write Short Notes on:**

3Marks Each

1. Incremental Lines of Enamel
2. Hertwig's Epithelial Root Sheath
3. Gnarled Enamel



## PART B

[Max. Marks: 35]

1. Discuss the differences between deciduous and permanent dentition 08 Marks
2. Discuss the morphology of Permanent Maxillary Central Incisor 08 Marks

**Write briefly on:**

5Marks Each

1. Development of Palate
2. Tooth Numbering Systems

**Write Short Notes on:**

3 Marks Each

1. Dental Formula
2. Fossa and types of fossae
3. Ridges and Groove

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

47, Knowledge Park-III, Greater Noida

1st Year BDS (Batch 2016)

Third Internal Assessment Examination – Theory

Dental Anatomy, Embryology & Oral Histology

Date:- 11/10/2017

**Note:** Attempt all the questions.

Draw well labeled Diagrams wherever necessary.

Answer each Part in separate answer sheet.

**Time:** 3Hrs

**Maximum Marks:** 70

## PART A

[Max. Marks: 35]

1. Classify Oral Mucous Membrane and discuss in detail histology of specialized mucosa.

08Marks

2. Classify Salivary Glands and write in detail about the histology of major salivary glands.

08Marks

**Write briefly on:**

1. Theories of Eruption
2. Bell stage of tooth development.

5Marks each

**Write Short Notes on:**

1. Alveolar bone proper.
2. Non- keratinocytes.
3. Hunter Schreger Bands

3Marks each



## PART B

[Max. Marks: 35]

1. Discuss about compensatory curves and add a note on their significance in Normal Occlusion.

08Marks

2. Discuss the morphology of Permanent Maxillary First Molar.

08Marks

**Write briefly on:**

1. Development of Mandible.
2. Broadbent phenomenon

5Marks each

**Write Short Notes on:**

1. Tooth numbering systems.
2. Difference between deciduous and permanent dentition.
3. Neural crest cells.

3Marks each