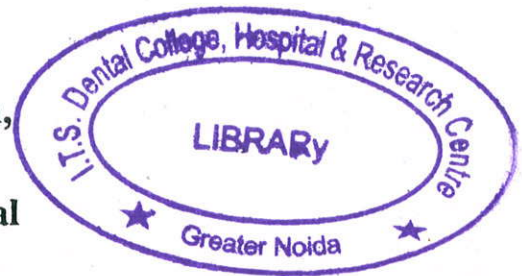


**5138(N)****B.D.S. Supply. & Main Examination,  
November-2019****(Dental Anatomy, Embryology & Oral  
Histology)****[BDS-03(N)]***Time : Three Hours]**[Maximum Marks : 70*

**Note :** Attempt all questions. Illustrate your answers with suitable diagram wherever necessary. Use separate copy for Part-I and Part-II.

**Part-I**

1. Describe and illustrate the status of dentition at the age of ten years. 10
2. What is dentinogenesis ? Describe in detail, dentinogenesis. Enumerate the age changes seen in dentin. 10
3. Write short notes on :
  - (a) Occlusal aspect of maxillary first molar. 5
  - (b) Enumerate the different tooth numbering systems. Add a note on its importance. 5
  - (c) Muscles of mastication. 5

(2)

**Part-II**

1. Classify oral mucosa. Describe in detail histology of Gingiva. 10
2. Enumerate the stages in development of tooth. Draw a well labelled diagram of Advanced Bell Stage. State the function of each cell type in advanced bell stage. 10
3. Write short notes on
  - (a) Histological zones of pulp. 5
  - (b) Principal fibres of periodontal ligament. 5
  - (c) Pericytes

