

Question Paper

Exam Date & Time: 28-Jun-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST BDS DEGREE EXAMINATION - JUNE 2019

SUBJECT: DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Friday, June 28, 2019 (14:00 - 17:00)

Answer ALL the questions.

Draw diagrams wherever necessary.

Marks: 60

Duration: 14.15-17.00

Answer all the questions.

- 1) Enumerate the morphological and physiological stages of development of a tooth. Describe in detail the Bell stage of development of tooth of an incisor tooth. (2+8 = 10 marks) (10)
- 2) Describe the Buccal, lingual, mesial, distal and occlusal aspects of the permanent maxillary First Premolar. Mention the chronology of this tooth. (2+1+2+1+3+1 = 10 marks) (10)
- 3) **Short Notes:**
 - 3A) Incremental lines of enamel. (4)
 - 3B) Types of Dentin. (4)
 - 3C) Cell rich zone of the pulp. (4)
 - 3D) Fibers of the periodontal ligament. (4)
 - 3E) The basal lamina of the epithelium. (4)
 - 3F) The ducts of salivary glands. (4)
 - 3G) Labial aspect of the Permanent Maxillary canine. (4)
 - 3H) Occlusal aspect of maxillary first Molar. (4)
 - 3I) Morphology of the Permanent Mandibular Central Incisor. (4)
 - 3J) Development of the tongue. (4)

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