

Enrolment No.

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BDS
1st YEAR EXAMINATION
DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY

Time : 3 Hours]

[Max. Marks : 70]

Note: Attempt all the parts. Draw proper diagrams to support your answer, wherever necessary.

SECTION-A**(35 marks)**

1. Describe the morphological features of permanent maxillary first molar from all aspects. Draw well-labelled diagram. (10)
2. Write short notes on: (5X3=15)
 - a) Chronology of permanent dentition
 - b) Geometric forms of teeth
 - c) Differences between primary and permanent dentition
3. Describe in brief: (5X2=10)
 - a) Curve of Spee
 - b) Embrasures
 - c) FDI tooth numbering system
 - d) Cusp
 - e) Marginal ridge

SECTION-B**(35 marks)**

4. Define and classify oral mucous membrane. Write in detail about the histology of tongue. (10)
5. Write short notes on: (5x3=15)
 - a) Principal fibres of Periodontal ligament
 - b) Hypocalcified structures of dentin
 - c) Theories of tooth eruption
6. Write briefly: (5X2=10)
 - a) Hyaline layer of Hopewell Smith
 - b) Functions of maxillary sinus
 - c) Gnarled enamel
 - d) Matrix vesicle theory of mineralization
 - e) Zones of Pulp
