

I – B.D.S. (2008 COURSE) : WINTER - 2018
SUBJECT: DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Day : Friday
Date : 07/12/2018

W-2018-3752

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 70.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Both the sections should be written in **SEPARATE** answer books.
 - 3) Figures to the **RIGHT** indicate full marks.
 - 4) Draw neat labeled diagrams **WHEREVER** necessary.
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SECTION-I

Q.1 Long Essay: **(10)**

Write in detail histology of Enamel.

OR

Write in detail histology of pulp.

Q.2 Write short essay on: (ANY THREE) **(15)**

- a) Dead tracts
- b) Incremental lines
- c) Fate of Dental lamina
- d) theories of dentin sensitivity

Q.3 Write short notes on: (ANY FIVE) **(10)**

- a) Give examples of decalcifying agents
- b) Define Stain. Name 2 special stains
- c) Name the formative cells
- d) Enumerate the transient structures in development of tooth
- e) Enumerate functions of PDL
- f) Enumerate theories of tooth eruption

SECTION-II

Q.4 Long Essay: **(10)**

Describe in detail the morphology of permanent maxillary first molar.

OR

Write in detail about the chronology, functions and aspects of Permanent Maxillary Canine.

Q.5 Write short essay on: (ANY THREE) **(15)**

- a) Tooth Numbering Systems
- b) Development of tongue
- c) Compensating curves
- d) Decalcification

Q.6 Write short notes on: (ANY FIVE) **(10)**

- a) What structures those develop from Dental Papilla and Dental Sac cells
- b) Enumerate 4 hypocalcified structures of Enamel
- c) Define Microscope. Name 2 specialized Microscopes
- d) What is Predentin?
- e) Define Pit, Fossa
- f) What are Mamellons?

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