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**BACHELOR OF DENTAL SURGERY (2008 COURSE)**  
**FIRST - B.D.S. : SUMMER -2022**  
**SUBJECT : DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY**

Day : Friday

Date : 13-01-2023

**S-3791-2022**

Time : 09:00 AM-12:00 PM

Max. Marks : 70

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**N. B.**

- 1) All Questions are **COMPULSORY**.
  - 2) Draw neat labeled diagram **WHEREVER** necessary.
  - 3) Both the sections should be written in **SEPARATE** answer book
  - 4) Figures in the right indicates **FULL** marks.
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**SECTION-I**

- Q.1** Long Essay **(10)**  
Classify salivary glands. Write in detail process of formation of saliva.

**OR**

Enumerate the stages in the development of tooth. Describe in detail advanced bell stage.

- Q.2** Write Short Essay on (any **THREE**) **(15)**
- a) Functions of pulp
  - b) Principal group of periodontal ligament fibers
  - c) Dead tracts & sclerotic dentin
  - d) Pit & Fissures & their clinical significance

- Q.3** Write Short Answer on (Any **FIVE**) **(10)**
- a) Enumerate Hypocalcified structures in enamel.
  - b) Enumerate the embryonic cell layers
  - c) Enumerate special stains
  - d) Enumerate other names for dentinal fluid
  - e) Enumerate theories of tooth eruption
  - f) Define point angle with an example

**SECTION-II**

- Q.4** Long Essay **(10)**  
Describe in detail morphology of permanent maxillary central incisor.

**OR**

Describe in detail morphology of permanent maxillary first molar.

- Q.5** Write Short Essay on (any **THREE**) **(15)**
- a) Flush terminal plane
  - b) Development of tongue
  - c) Formative and resorptive cells of odontogenic apparatus
  - d) Non dental factors of occlusion

- Q.6** Write Short Answer on (Any **FIVE**) **(10)**
- a) Define key of occlusion
  - b) Define Oral mucous membrane
  - c) Enumerate muscles of mastication
  - d) Enumerate papillae of tongue
  - e) Enumerate incremental lines
  - f) Define microscope and enumerate types of microscopes.

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