



PH-21260

Seat No. _____

First Year B. D. S. Examination

July - 2018

Dental Anatomy, Embryology & Oral Histology

Time : 3 Hours]

[Total Marks : 70

Instructions :

- (1) Write each section in **separate** answer book.
- (2) Draw figure wherever **necessary**.
- (3) Figures on **right** indicate marks.
- (4) Attend **all** the questions.

SECTION - I

- 1 Enumerate Major salivary Glands. Write in detail about serous and mucous cell. **10**

OR

- 1 Define oral mucous membrane. Write in detail about masticatory mucosa. **10**

- 2 Short notes : (any **two**) **10**

1. Dental Lamina
2. Life cycle of Ameloblasts
3. Dentinogenesis.

- 3 (1) Short notes : (any **two**) **10**

- a. Pulp stones
- b. Functions of periodontal ligament.
- c. Theories of eruption.

- (2) Answer in **one** sentence only : (any **five**) **5**

- a. What is shedding ?
- b. Zymogen granules are seen commonly in which cell ?
- c. Odland body is seen in which layer of oral epithelium ?

- d. What is hyaline layer in cementum ?
- e. The average width of periodontal space ?
- f. What is interglobular dentin ?

SECTION - II

4 Write in detail about tooth numbering systems. **10**

OR

4 Write in detail about permanent Mandibular canine. **10**

5 Short notes : (any **two**) **10**

- a. Fossa and Grooves of tooth surface.
- b. Difference between deciduous and permanent teeth.
- c. Difference between permanent maxillary central and mandibular incisor.

6 (1) Write short notes : (any **two**) **10**

- a. Occlusal aspect of mandibular second premolar
- b. Occlusion
- c. Occlusal aspect of permanent maxillary 1st molar.

(2) Answer in **one** sentence only : (any **five**) **5**

- a. Mesial marginal developmental groove is characteristic feature of which tooth.
- b. The first permanent tooth to erupt in oral cavity is.
- c. The tooth with longest crown is the.
- d. What is embrasure ?
- e. The deciduous teeth begin to erupt at which age after birth ?
- f. What is dentition ?