

I – B.D.S. (2008 COURSE) : SUMMER - 2019
SUBJECT: DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY

Day: Monday
Date: 10/06/2019

S-2019-4041

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.

SECTION-I

Q.1 What is Amelogenesis? Write in detail about life cycle of Ameloblast. **(10)**

OR

Define and Classify Oral mucous membrane. Describe in detail histology of papillae of tongue.

Q.2 Write short note on (Any **THREE**) **(15)**

- a) Cellular components of pulp
- b) Hypocalcified areas of enamel
- c) Flush terminal plane
- d) Describe in brief about decalcification of tooth

Q.3 Answer the following (Any **FIVE**) **(10)**

- a) Define cusp and ridge with examples
- b) Enumerate types of cementum
- c) What is cribriform plate
- d) Enumerate muscles of mastication
- e) Enumerate the tooth numbering systems
- f) Define embrasures and spillways

SECTION-II

Q.4 Describe in detail the morphology of maxillary first premolar. **(10)**

OR

Describe in detail the morphology of permanent maxillary first molar.

Q.5 Write short note on (Any **THREE**) **(15)**

- a) Theories of eruption
- b) Dead tracts and sclerotic dentin
- c) Functions of saliva
- d) Phases of deglutition

Q.6 Answer the following (Any **FIVE**) **(10)**

- a) Define stains. Enumerate special stains
- b) Define pit, groove and fossa
- c) Define mamellons
- d) Functions of maxillary sinus
- e) Enumerate the principal group of fibres of periodontal ligament
- f) Give the mineral contents (percentages) of enamel, dentin and bone