

BACHELOR OF DENTAL SURGERY (2008 COURSE)

FIRST - B.D.S. : WINTER :- 2021

SUBJECT: DENTAL ANATOMY, EMBRYOLOGY & ORAL HISTOLOGY

Day : Saturday

Date 19-Mar-2022

W-3791-2021

Time : 09:00 AM-12:00 PM

Max. Marks: 70

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer both the sections should be written in the **SEPARATE** answer books.
- 4) Draw neat and labeled diagram **WHEREVER** necessary.

SECTION-I

Long Essay Questions ANY ONE:

- Q.1** Classify salivary glands. Describe the histology of the salivary glands. List the functions of saliva. [10]
- Q.2** Define occlusion. Discuss the various dental factors affecting occlusion.

Short Essay Questions ANY THREE:

- Q.3** Describe preparation of a ground section of a tooth. [15]
- Q.4** Describe the various stages of deglutition.
- Q.5** Describe the age changes seen in dentin.
- Q.6** Describe development of tongue.

Short Answer Questions ANY FIVE:

- Q.7** Name the muscles of mastication and their actions. [10]
- Q.8** List the age and sequence of eruption of permanent mandibular teeth.
- Q.9** List the various tooth numbering systems.
- Q.10** Give four differences between the permanent and deciduous teeth.
- Q.11** What are pulp stones? Classify them.
- Q.12** Describe the various types of cemento-enamel junctions with diagram.

SECTION - II

Long Essay Questions ANY ONE:

- Q.1** Describe the hypocalcified structures of enamel. [10]
- Q.2** Describe the structural elements of the pulp.

Short Essay Questions ANY THREE:

- Q.3** Describe the structure of alveolar process. [15]
- Q.4** Describe the functions of periodontal ligament.
- Q.5** Describe the specialized mucosa.
- Q.6** Describe the occlusal morphology of permanent mandibular first molar.

Short Answer Questions ANY FIVE:

- Q.7** Cap stage of tooth development. [10]
- Q.8** Interglobular dentin.
- Q.9** Hypercementosis.
- Q.10** Define eruption and shedding.
- Q.11** Apical foramen.
- Q.12** Classification of oral mucous membrane.

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