JE-21260   Seat No. _____

First Year B. D. S. Examination

July - 2019

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) Attempt all the questions.

SECTION - I

1   Enumerate stages of tooth development. Write in detail   **10**
about morphological stages of tooth development.

OR

1   What is Enamel ? Write in detail about structure of   **10**
Enamel.

2   Write short notes on : (any **two**)   **10**

(a)   Dentinogenesis

(b)   Fibroblasts

(c)   Functions of Periodontal Ligament.

3   Write short notes on : (any **two**)   **10**

(a)   Non keratinocytes

(b)   Serous cell

(c)   Shedding.

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

(a)   What is hyaline layer of Hopewell smith?

(b)   What is lamina dura?

(c)   Which papillae of tongue are completely keratinized?

(d)   Enumerate the theories of eruption.

(e)   Enumerate the ligaments associated with Temporo Mandibular Joint.

(f)   Shape of maxillary sinus in adult is?

SECTION - II

5   Write in detail about Maxillary first Premolar.   **10**

OR

5   Write in detail about Permanent Mandibular Canine.   **10**

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

    (a)   Difference between Permanent Mandibular Central Incisor and Lateral Incisor.

    (b)   Line angles and Point angles.

    (c)   Depressions present on the tooth surfaces.

7   Write short notes on : (any **two**)   **10**

    (a)   Occlusion

    (b)   Occlusal surface of mandibular first premolar.

    (c)   Difference between permanent Maxillary 1st molar and Mandibular 1st molar.

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

    (a)   What are the two classes of teeth seen in humans?

    (b)   The sequence of eruption of the deciduous incisors.

    (c)   What is lingual ridge?

    (d)   The first permanent tooth to erupt in oral cavity is the....

    (e)   What is root trunk?

    (f)   What is cusp?

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