



**BCE-21260**

Seat No. \_\_\_\_\_

**First Year B. D. S. Examination**

**August - 2021**

**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 Write in detail about structures of enamel. (10)

(OR)

What is Dentin ? Describe in detail about types of Dentin.

- 2 Short notes. (Any Two) (10)

1. Bell Stage.
2. Fibroblasts.
3. Odontoblasts.

3. 3.1 Write short notes (Any Two) (10)

1. Masticatory mucosa.
2. Alveolar bone.
3. Pulp Stone.

- 3.2 Answer in one sentence only.(Any Five) (05)

1. What is enamel knot ?
2. Enumerate zones of pulp.
3. What is enamel spindle ?
4. Define Tome's Process.
5. Function of myoepithelial cells in salivary glands.
6. Tome's Granular layer.

## SECTION II

4 Write in detail about permanent maxillary canine. (10)

(OR)

Write in detail about permanent mandibular 1<sup>st</sup> Molar.

5 Short notes. (Any Two) (10)

1. Ridges of teeth.
2. Functions of deciduous teeth.
3. Dentition

6 6.1 Write short notes (Any Two) (10)

1. Occlusal aspect of permanent maxillary 1<sup>st</sup> Molar.
2. Parts of tooth.
3. Notation system of dentition.

6.2 Answer in one sentence only. (05)

1. What is line angle and point angle.
  2. Define developmental Groove.
  3. Write eruption age of maxillary premolars.
  4. What is mesiolingual developmental groove ?
  5. What is apical foramen ?
  6. Write eruption age of Permanent maxillary central incisor.
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