



**ML-21260**

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

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

**January - 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 Write in detail about structures of Dentin. **10**

**OR**

Write in detail about cells of pulp.

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

1. Cap stage
2. Odontoblasts
3. Principle fibers of PDL.

- 3 1 Write short notes (Any Two) **10**

- a. Enamel rods
- b. Masticatory mucosa
- c. Mucous cell.

- 2 Answer in one sentence only. (Any Five) **5**

- a. Hard tissues of teeth developed from which germ layer?
- b. What is Tome's fiber?
- c. What is perikymata?
- d. What are dead tracts?
- e. Which type of collagen fibers is present in PDL?
- f. Which areas of oral mucosa containing Taste buds?

## SECTION - II

4 Write in detail about Permanent Maxillary central Incisor. **10**

**OR**

Write in detail about Maxillary 1<sup>st</sup> Premolar.

5 Short notes. (Any Two) **10**

- a. Dentition
- b. Occlusal aspect of Permanent Maxillary first Molar.
- c. Difference between Permanent Maxillary and Mandibular canine.

6 1. Write short notes (Any Two) **10**

- a. Functions of deciduous teeth.
- b. Division in to thirds.
- c. Embrasure.

2. Answer in one sentence only, (Any Five) **5**

- a. The deciduous teeth are seen between which age ?
- b. Single conical crown with single root is called as ?
- c. The 'Y' shaped occlusal pattern is seen in which tooth?
- d. Which is the smallest tooth in our oral cavity?
- e. Which is the largest cusp of permanent Mandibular 1<sup>st</sup> Molar?
- f. Sequence of eruption of deciduous teeth.

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