

[LQ 655]

FEBRUARY 2020

Sub. Code: 4203

**FIRST YEAR B.D.S. DEGREE EXAM**  
(Common to Second Year Paper I - Modified Regulation III Candidates)

**PAPER III – DENTAL ANATOMY, EMBRYOLOGY AND  
ORAL HISTOLOGY**

*Q.P Code: 544203***Time: 180 Minutes****Maximum: 70 Marks**

**Answer all questions in the same order**  
**Draw suitable diagrams wherever necessary**

**I. Elaborate on:****(2 x 10 = 20)**

1. Define periodontium. Write in detail about the structure and functions of periodontal ligament.
2. Discuss in detail about the chronology and morphology of Permanent right Mandibular second premolar.

**II. Write Notes on:****(10 x 5 = 50)**

1. Histology of Maxillary sinus.
2. Mechanism of shedding.
3. Compensating curves.
4. Deglutition.
5. Alveolar bone proper.
6. Odontoblasts.
7. Cementoenamel junction.
8. Macroscopic features of gingiva.
9. Surface structures in enamel.
10. Histophysiological stages in tooth development.

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