

**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. Write in detail about the development, function and histology of Periodontal ligament.
2. Discuss the various aspects of tooth number 11.

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

1. Development of Tongue.
2. Incremental lines of Retzius.
3. Theories of dentin hypersensitivity.
4. Functions of Pulp.
5. Cemento-Enamel Junction.
6. Tooth numbering systems.
7. Occlusal aspect of Right Permanent Maxillary first molar.
8. Masticatory mucosa.
9. Theories of eruption.
10. Fixatives.

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