

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. Explain Amelogenesis and life cycle of Ameloblast with suitable diagrams.
2. Describe the morphology of right permanent mandibular second premolar.

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

1. Occlusal surface of Maxillary First Permanent molar.
2. Histology of Gingiva.
3. Cellular Cementum.
4. Functions of Pulp.
5. Osteoclast.
6. Principal fibres of Periodontal ligament.
7. Development of Palate.
8. Functions of Saliva.
9. Ground section of Tooth.
10. Theories of Tooth eruption.
