

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. Enumerate the stages in life cycle of ameloblast and write in detail about amelogenesis.
2. Describe in detail about Maxillary central incisors.

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

1. Principle fibres of periodontal ligament.
2. Functions of cementum.
3. Enamel Lamellae.
4. Cap stage.
5. Histology of pulp.
6. Serous acini.
7. Osteoclasts.
8. Cusp of carabelli and Oblique ridge.
9. Occlusal morphology of mandibular 2nd premolar.
10. Define the following
 - Groove
 - Cusp
 - Cingulum
 - Fossa
 - Pit
