

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BDS 0322]

**MARCH 2022
(AUGUST 2021 SESSION)**

Sub. Code: 4203

FIRST YEAR B.D.S. DEGREE EXAM

**New Modified Revised Regulation (August 2016 Examination Session onwards)
[Common to Modified Regulation III {Candidates admitted from 2003-2004
to 2007-2008} and New Modified Regulation {Candidates admitted
from 2008 – 2009 onwards}]**

**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. Classify oral mucosa. Write in detail about masticatory mucosa.
2. Describe the morphology of permanent maxillary canine.

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

1. Bundle bone.
2. Early bell stage of tooth development.
3. Define a) Ridge b) Fossa.
4. Ectomesenchyme.
5. Theories of dentinal sensitivity.
6. Fibres of periodontal ligament.
7. Zones of pulp.
8. Oclusal aspect of maxillary first molar.
9. Formative phase of Ameloblast.
10. Odontoclasts.
