

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

[BDS 0323]

MARCH 2023

Sub. Code: 4203

(SEPTEMBER 2022 EXAM SESSION)

FIRST YEAR B.D.S. DEGREE EXAMINATION

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. Explain the advanced bell stage of Tooth development and Root Formation.
2. Classify oral mucous membrane. Explain in detail the specialized epithelium.

II. Write Notes on:

(10 x 5 = 50)

1. Histology of mixed salivary acini.
2. Lamina Dura.
3. Functions of Periodontal ligament.
4. Cemento enamel junction and Dentino Enamel junction.
5. Physical and Chemical Properties of Enamel.
6. Tooth numbering systems.
7. Theories of Tooth eruption.
8. Osteoclast.
9. Differences between primary and permanent tooth.
10. Define: I. Line angle, II. Point Angle, III. Primate space,
IV. Contact Point V. Ridge.
