

QP Code: 114002

Reg. No.:

**First Year BDS Degree Regular/Supplementary Examinations
September 2025
Dental Anatomy, Embryology and Oral Histology
(2016 Scheme)**

Time: 3 Hours

Max Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary*

Essay:

(2x10=20)

1. Write in detail about the zones of Pulp. Add a note on the age changes in Pulp (7+3)
2. Describe in detail about the morphology of Permanent Maxillary canine. Add a note on its chronology (8+2)

Short Notes:

(4x5=20)

3. Principal fibers of Periodontal ligament
4. Theories of Mineralization
5. Differences between Primary and Permanent Dentition
6. Types of cemento enamel junctions

Brief Notes:

(10x3=30)

7. Ground section
8. Basket cells
9. Non-Keratinocytes
10. Lamina Dura
11. Neural crest cells
12. Enamel Spindle
13. Cusp of Carabelli
14. Embrasures
15. Tomes' granular layer
16. Mamelons
