

2010 Scheme

QP Code: 104002

Reg. No.:

First Year BDS Degree Supplementary Examinations April 2023

Dental Anatomy, Embryology and Oral Histology

Time: 3 Hours

Max Marks: 100

- *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*

Essays

(2x14=28)

1. Enumerate the stages of amelogenesis. Describe in detail life cycle of ameloblast. Add a note on applied aspect. (2+10+2)
2. Describe in detail the morphology of permanent maxillary first premolar. Enumerate differences between permanent maxillary first and second premolar. (10+4)

Short essays

(4x8=32)

3. Hypocalcified structures in enamel
4. Age changes in dentin
5. Theories of mineralization
6. Tooth numbering system

Short notes

(10x4=40)

7. Muscles of mastication
8. Zones of pulp
9. Transient structures in cap stage
10. Occlusal aspect of permanent mandibular second premolar
11. Taste buds
12. Histological differences between deciduous and permanent teeth
13. Functions of saliva
14. Root growth theory
15. Embrasures.
16. Factors affecting calcium metabolism
