

QP Code: 114002

Reg. No.:

First Year BDS Degree Supplementary Examinations September 2023

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. Explain in detail the anatomy of permanent mandibular first molar with neat diagrams.
Add a note on its chronology. (8+2)
2. Enumerate various morphological and physiological stages of tooth development. Add a note on advanced bell stage of tooth development. (2+2+6)

Short Notes:

(4x5=20)

3. Discuss briefly life cycle of ameloblast.
4. Theories of mineralization of tooth.
5. Discuss about cells of periodontal ligament.
6. Difference between maxillary and mandibular canine.

Brief Notes:

(10x3=30)

7. Mandibular branch of trigeminal nerve.
8. Differences between maxillary first and second premolar.
9. Cemento-enamel junction.
10. Leeway space of Nance.
11. Myoepithelial cell.
12. Define cusp, cingulum and mamellon.
13. Six functions of saliva.
14. Circumvallate papillae.
15. Fate of dental lamina.
16. Age changes seen in pulp.
