

2010 Scheme

QP Code: 104002

Reg. No.:

First Year BDS Degree Supplementary Examinations January 2021

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. Explain in detail the light microscopic features of enamel. Add a note on the chemical composition of enamel. (10+4)
2. Describe the various morphological aspects of permanent maxillary 1st molar and mention the chronology of permanent maxillary molars. (10+4)

Short essays

(4x8=32)

3. Describe advanced bell stage with the help of a neat histology diagram. (5+3)
4. Discuss the various types of dentin
5. Mention the functions of periodontal ligament and mention the principal fibers & forces resisted by them. (3+5)
6. Mention four non keratinocytes and add a note on Langerhans cells & melanocytes. (2+3+3)

Short notes

(10x4=40)

7. Leeway space of Nance
8. Fibroblast
9. Myoepithelial cell
10. Cemento – enamel junctions.
11. Alveolar bone proper
12. Articular disc
13. Function of maxillary sinus
14. Vermillion zone
15. Zones of pulp
16. Periodontal ligament traction theory.
