

QP Code: 114002

Reg. No.: .....

**First Year BDS Degree Supplementary Examinations September 2021**

**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. Describe the life cycle of an ameloblast. Describe briefly about amelogenesis.
2. Describe in detail about the morphology of permanent maxillary first molar.

**Short Notes:**

**(4x5=20)**

3. Differences between deciduous and permanent teeth.
4. Non-keratinocytes
5. Deglutition
6. Types of dentin

**Brief Notes:**

**(10x3=30)**

7. Define: Mamelon, Ridge, Point angle
8. Zones of pulp
9. Functions of maxillary sinus
10. Histology of mucous acinus
11. Interglobular dentin
12. Compensatory curves
13. Development of tongue
14. Lines of salter
15. Masseter – Origin, insertion, nerve supply and functions
16. Ligament traction theory

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