

QP Code: 114002

Reg. No.: .....

**First Year BDS Degree Supplementary Examinations May 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. Enumerate the stages of tooth development. Write in detail about the cap stage (2+8)
2. Describe in detail the morphology of permanent maxillary first premolar. Add a note on its chronology (8+2)

**Short Notes:**

**(4x5=20)**

3. Tooth notation system
4. Development of mandible
5. Types of dentin
6. Deglutition

**Brief Notes:**

**(10x3=30)**

7. Physical properties of enamel
8. Odontoclast
9. Ground sections
10. Circumvallate papilla
11. Leeway space of Nance
12. Bundle bone
13. Gingival group of fibers
14. Mamelons
15. Cellular cementum
16. Antrum of Highmore

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