**ST.GREGORIOS DENTAL COLLEGE**

**Q P Code: 114002 Reg. No.: .....................**

**First Year BDS Degree Supplementary l INTERNAL Examinations APRIL 2024  
 Dental Anatomy,Embryology and Histology  
 (2016 Scheme)  
Time: 3 hrs 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.**

**Essays: (2x10=20)**

1. Enumerate stages of development of teeth. Write in detail about cap stage
2. Describe morphology of maxillary first molar. Add a note on chronology

**Short Notes: (4x5=20)**3 Theories of eruption

4. Difference between acellular and cellular cementum

5. Tooth numbering system

6. Ductal system of salivary gland

**Answer Briefly: (10x3=30)**

7 Hypocalcified structures of enamel  
8. Myoepithelial cells   
9. Tertiary dentin  
10. Cemento enamel junction

11.Zones of pulp  
12. Cellular components of PDL  
13. Occlusal aspect of mandibular Ist molar  
14. Odontoclasts  
15. Early bell stage  
16. Cusp, groove and fossa

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