**ST.GREGORIOS DENTAL COLLEGE**

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

**First Year BDS Degree Regular II Internal Examinations March.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 the stages of lifecycle of ameloblasts. Discuss amelogenesis
2. Describe morphology of maxillary canine. Add a note on chronology

**Short Notes: (4x5=20)**3 difference between cellular and acellular cementum

4. stages in tissue processing

5. hypocalcified structures of enamel

6. Principal fibers of pdl

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

7 CEJ  
8. Surface structures of enamel  
9. difference between maxillary central and lateral incisor  
10. Cellular components of pdl

11.cap stage  
12. Composition of enamel  
13. Cusp, ridge, groove and fossa  
14. FDI system  
15. Histology of maxillary sinus  
16. Primary epithelial band

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