

**QP Code: 114002**

**Reg. No.: .....**

**First Year BDS Degree Examinations July 2019**

**Dental Anatomy, Embryology and Oral Histology**

**(2016 Scheme)**

**Time: 3 Hours**

**Max Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(2x10=20)**

1. Discuss in detail the differences between deciduous and permanent dentition.
2. Define and classify oral mucosa. Describe in detail the macroscopic and microscopic features of gingiva

**Short Notes:**

**(4x5=20)**

3. Ridges and grooves
4. Bell stage of tooth development
5. Histological zones of dental pulp
6. Theories of tooth eruption

**Brief Notes:**

**(10x3=30)**

7. Primate spaces
8. Dentinoenamel junction
9. Cellular cementum
10. Contact areas
11. Dead tracts
12. Bundle bone
13. Chronology of primary dentition
14. Myoepithelial cells
15. Alkaline phosphatase theory
16. Neural crest cells

\*\*\*\*\*