

**QP Code: 131231**

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

**MDS Part I Degree Supplementary Examinations July 2025  
Oral and Maxillofacial Pathology and Oral Microbiology**

**Paper-I- Applied Basic Sciences: Applied Anatomy, Physiology, (General and Oral), Cell Biology, General Histology, Biochemistry, General Pathology, General and Systemic Microbiology, Virology, Mycology, Basic Immunology, Oral Biology (Oral and Dental Histology), Biostatistics and Research Methodology**

**(2021 Scheme)**

**Time: 3 Hrs**

**Max marks: 100**

- *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**

**(10x10=100)**

1. Describe in detail the development and macroscopic structure of tongue
2. Discuss in detail amelogenesis and add a note on developmental disturbances of enamel
3. Measures of variability
4. Describe odontogenesis
5. Discuss degeneration in detail
6. Discuss apoptosis in detail
7. Discuss light and electron microscopic structure of oral epithelium and its clinical applications
8. Case control and cross-sectional studies
9. Discuss calcium metabolism
10. Laboratory investigations for types of anemia

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