

QP Code: 131232

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations  
January 2025  
Pediatric and Preventive Dentistry**

**Paper 1- Applied Basic Sciences: Applied Anatomy, Physiology, and  
Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology  
and Biostatistics, Growth and Development and Dental plaque, Genetics  
(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. Drug dosage calculation in children.
2. Swallowing cycle.
3. Saliva and its role in maintenance of oral health.
4. Biomedical waste disposal.
5. Viral infections and its manifestations in oral cavity.
6. Explain the development of palate.
7. Methods of data collection in research.
8. Trisomy 21 and its dental implications.
9. Growth spurts and its clinical importance.
10. Immunization schedule.

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