

QP Code: 131232

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations
November 2025**

Pediatric and Preventive Dentistry

**Paper I - 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. Anatomy of primary maxillary first molar.
3. Mechanism of salivary secretion.
4. Case Control study.
5. Mixed dentition stage of development of occlusion.
6. Protein Energy Malnutrition.
7. Origin course and distribution of the inferior alveolar nerve.
8. Types of immunity.
9. Chemical mediators of inflammation.
10. Modes of inheritance.
