

QP Code: 131232

Reg. No.....

MDS Part I Degree Regular Examinations January 2023

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. Explain the etiology and pathophysiology of shock.
2. Pain and its perception in children.
3. Oral Microflora.
4. Antibiotics in pediatric dentistry.
5. Discuss the importance of blood groups. What are the indications of blood transfusions. Add a note on compatibility considerations in blood transfusion.
6. Muscles of mastication.
7. Write about the role of genetics in dental anomalies and the rationale of genetic counselling.
8. Cohort studies.
9. Role of vitamin D and Calcium in homeostasis.
10. Discuss trigeminal nerve with its clinical significance.
