

QP Code: 131227

Reg. No.....

MDS Part I Degree Regular Examinations January 2023

Periodontology

**Paper I - Applied Basic Sciences: Applied Anatomy, Physiology, Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and
Biostatistics**

(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. Development of Temporomandibular Joint. Add a note on anomalies associated with TMJ.
2. Classify analgesics. Explain the mechanism of action of NSAIDs. Add a note on its adverse drug reactions.
3. Emergency drugs in dental office.
4. Null hypothesis and its significance
5. Define immunity. Enumerate types. Explain the mechanism of innate and adaptive immunity.
6. Saliva secretion, composition, functions, and regulation.
7. Define Hormones. Write a note on hormonal influence on periodontium.
8. Role of B complex vitamins in health.
9. Collagen -types and functions
10. Describe sterilization and disinfection
