

QP Code: 131227

Reg. No.....

**MDS Part I Degree Supplementary Examinations July 2025
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. Microcirculation of the Gingiva
2. Role of various nutrients in Periodontal Homeostasis
3. Neutrophils and Macrophages
4. Systematic reviews and meta analysis
5. Anti-oxidants; Various modes of action and types
6. Sampling methods and procedures
7. Ethics in health research involving human participants and animals
8. Age changes in the periodontal tissues
9. Various emergencies in a dental office
10. Universal and standard precautions
