

QP Code: 131227

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations  
January 2024**

**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. Blood and blood constituents
2. Muscles of mastication
3. Role of Junctional epithelium in health and disease
4. Vascular and cellular changes in inflammation
5. Chair side diagnostic tests for periodontal disease
6. Ethics in research
7. Define shock, types of shock. Add a note on circulatory shock
8. Role of antibiotics in periodontal therapy. Add a note on antibiotic regimens for aggressive periodontitis
9. Microbial culture and culture media
10. Wound healing events and factors affecting wound healing

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