

QP Code: 131229

Reg. No.....

**MDS Part I Degree Supplementary Examinations July 2024**

**Conservative Dentistry and Endodontics**

**Paper- I- Applied Basic Sciences: Applied Anatomy, Physiology, Pathology  
Including Oral Microbiology, Pharmacology, Biostatistics and Research  
Methodology and Applied Dental Materials**

**(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. Describe various general anaesthetic agents used in the field of dentistry.
2. Discuss the role of saliva in dental caries.
3. Explain about the components and functions of blood.
4. Elaborate on diseases of periradicular tissue.
5. Explain about the clinical features and diagnosis of hypertension.
6. Write about the ethical considerations of research.
7. Explain the lymphatic drainage of head and neck region.
8. Explain about the various biocompatibility tests in dentistry.
9. Discuss the structure of dentin.
10. Discuss the recent advances in glass ionomer cements.

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