

QP Code: 131229

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations  
January 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 in detail the structure of human dentin. Add a note on theories of dentinal hypersensitivity.
2. Discuss the role of saliva in oral health.
3. Elaborate various anaesthetic emergencies encountered during administration of local anaesthesia.
4. Infection control in dental office.
5. Pulp capping agents.
6. Methods of strengthening ceramics.
7. Calcium and phosphorus metabolism.
8. Describe mandibular nerve and discuss in detail its importance in dentistry.
9. Tests of significance.
10. Significance of tooth contour and contacts.

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