

QP Code: 131234

Reg. No.....

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

Public Health Dentistry

**Paper – I Applied Basic Sciences: Applied Anatomy and Histology Applied
Physiology and Biochemistry, Applied Pathology, Microbiology, Oral
Pathology, Physical and Social Anthropology, Applied Pharmacology and
Research Methodology and Statistics**

(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. Discuss properties and composition of blood and its functions
2. Explain the methods of sterilization and Disinfection processes
3. Explain relationships between culture, civilization and society
4. Enumerate parametric tests. Discuss indications with suitable illustrations
5. Discuss effects of Bias and confounding in case-control and cohort studies
6. Define dental caries. Discuss histopathology of caries in enamel and dentin
7. Discuss emergencies in dental practice with its pharmacological management
8. Classify acid-base disorders and discuss them with compensatory mechanisms
9. Discuss origin, insertion, innervations and functions of Muscles of facial expression
10. Discuss clinical features, diagnosis and management of tumors of odontogenic origin
