

QP Code: 131233

Reg. No.....

MDS Part I Degree Regular Examinations January 2023

Oral Medicine and Radiology

Paper 1- Applied Basic Sciences: Applied Anatomy, Physiology and 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. Describe the pathway of pain. Enumerate and discuss the role of chemical mediators of pain. (5+5)
2. Discuss in detail about development of tooth. Add a note on developmental defects in number of teeth
3. Classify viruses and describe the role of virus in carcinogenesis.
4. Discuss in detail about hypersensitivity reactions. Add on the applied aspects of each type of hypersensitivity reactions.
5. Role of trace elements in nutrition
6. Write in detail about anatomy of temporomandibular joint and add a note on the applied aspects.
7. Principles and practises of infection control in dental clinics.
8. Write about measures of central tendency in biostatistics
9. Corticosteroids
10. Write about various epidemiological study designs
