

QP Code: 131233

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations
November 2025**

Oral Medicine and Radiology

**Paper I - 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. Discuss the development and anatomic aspects of parotid gland
2. Describe the histology of oral mucosa and its applied aspects
3. Explain the regulation of blood pressure along with a note on antihypertensive drugs
4. Write in detail about corticosteroids used in dentistry and their side effects
5. Classify various types of shock and describe hypovolemic shock in detail
6. Explain about carcinogens and carcinogenesis
7. Sterilization and disinfection in dental clinics
8. Explain the course and distribution of facial nerve and its applied aspects
9. Discuss the study design of controlled trials
10. Discuss the role of Vitamin D in oral health
