

QP Code: 131228

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations  
January 2025  
Oral and Maxillofacial Surgery**

**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. Describe the origin, insertion, nerve supply and actions of muscles of mastication.
2. Discuss the venous drainage of head and neck.
3. Conscious Sedation.
4. Principles of Antibiotic therapy.
5. Various routes of drug administration. What are its advantages and disadvantages.
6. Define Neoplasia. Write three differences between benign and malignant tumors. Enumerate the routes of spread of tumours.
7. Lipid metabolism and its application in management of postoperative patients.
8. Describe the sterilization techniques used in Oral and maxillofacial surgery.
9. Vitamin K and its role in hemostasis.
10. What are the contents of research proposal.

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