

QP Code: 131228

Reg. No.....

**MDS Part I Degree Supplementary Examinations July 2024**

**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. Enumerate the branches of external carotid artery and a note on its ligation.
2. Write a note on anaphylaxis and its management.
3. Discuss on the management of Haemophilic patient for extraction.
4. Tumour markers.
5. Classify NSAIDS. Explain the mechanism of action of NSAIDS.
6. Define Metastasis. Add a note on the route of invasion in metastasis.
7. Discuss the sterilization techniques used in oral and maxillofacial surgery.
8. Describe the relevance of level of significance and power in sample size determination.
9. Define local Anaesthesia. Classify local Anaesthesia based on its chemical nature. Discuss five local complications of Local anaesthesia.
10. Explain the regulation of water and electrolyte balance.

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