

QP Code: 131228

Reg. No.....

MDS Part I Degree Supplementary Examinations July 2023

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 anatomy of tongue. Add a note on its development and applied aspects.
2. Discuss the various mechanism for regulation of acid base balance. Describe the origin insertion, nerve supply and actions of muscles of mastication,
3. Evaluation and management of hypovolemic shock.
4. Discuss the oral manifestation of AIDS due to HIV infection in Maxillofacial region.
5. Role of laboratory investigation in oral surgery.
6. Stages of deglutition.
7. Describe cartilaginous and muscular derivatives of the first pharyngeal arch.
8. Stages of General Anesthesia. Lists the aims of Premedication with examples.
9. Elaborate on the steps of sample size determination. How to calculate sample size determination for case control study.
10. Role of steroids on oral and maxillofacial surgery.
