

QP Code: 131233

Reg. No.....

**MDS Part I Degree Supplementary Examinations July 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 development of tongue and its applied aspects.
2. Write about the mechanism of deglutition and its applied aspects
3. Write about the regulation of blood sugar.
4. Write in detail the role of complement system in acute inflammation
5. Renal function tests.
6. Essential amino acids.
7. Sialagogues and anti-sialagogues
8. Explain the role of Vitamin D in health.
9. Characteristics of benign and malignant tumors
10. Biases and random errors in research

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