

QP Code: 131233

Reg. No.....

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

**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. Write in detail about anatomy of temporomandibular joint. Add about the applied aspects.
2. Write about the structure and histology of lymph node.
3. Role of arachidonic acid and its metabolites in acute inflammation.
4. Write about the regulation of blood sugar.
5. Write about hypothalamic and pituitary hormones. Add about its applied aspects.
6. Grading and staging of oral cancer.
7. Corticosteroids and its applications in dentistry.
8. Hypothesis testing and P value in biostatistics
9. Local anaesthetics used in Dentistry.
10. Randomized Clinical trials (RCT).

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