

QP Code: 131234

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations  
January 2025  
Public Health Dentistry**

**Paper – I Applied Basic Sciences: Applied Anatomy and Histology Applied Physiology and Biochemistry, Applied Pathology, Microbiology, Oral Pathology, Physical and Social Anthropology, Applied Pharmacology and Research Methodology and Statistics  
(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. Define pain. Write in detail the theories of pain.
2. Multivariate Analysis in biostatistics.
3. Role of hormones in Calcium metabolism in human body.
4. Age Changes of mandible.
5. Anthropometric measurements in Nutritional assessment.
6. Role of microorganisms in Oral Cancer Pathogenesis
7. Oral manifestation of Vitamin deficiencies.
8. Describe the mechanism of clotting.
9. Sampling procedures
10. Role of immunization in prevention of diseases

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