

QP Code: 131234

Reg. No.....

MDS Part I Degree Regular Examinations January 2023

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. Discuss mechanism and significance of oral foci of infection
2. Discuss the effect of culture on oral health
3. Describe embryonic development of Branchial arches and their derivatives
4. Define balanced Diet. Discuss guidelines to be followed in prescribing the diet
5. Discuss mechanism of action, pharmacokinetics, adverse effects of Local anesthetics
6. Discuss anatomy, structural features, functions and clinical considerations of pulp
7. Enumerate the different methods of collecting data. Explain its merits and demerits
8. Discuss mechanism of hypersensitivity reactions. Explain Type IV reactions in detail
9. Discuss pain and analgesic pathway and neurotransmitters involved in pain sensation.
10. Enumerate parametric tests. Discuss indications with suitable illustrations.
