

**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 Biostatistics (RS-5)**

**Q.P. CODE: 6063**

**PART-I M.D.S - PUBLIC HEALTH DENTISTRY -RS5 - PART I [6063]**

**Marks: 100 Duration: 200 mins.**

**PUBLIC HEALTH DENTISTRY**

**Answer all the questions.**

**Your answers should be specific to the questions asked.**

**Draw neat labeled diagrams wherever necessary.**

- 1 Classify tests of significance. Discuss parametric tests of significance. (10)
- 2 Describe role of vitamin-C in oral health and disease. (10)
- 3 Discuss sterilization and disinfection methods in dental practice. (10)
- 4 Explain in detail Pulp-periodontal complex. (10)
- 5 Describe origin, insertion and actions of muscles of mastication. (10)
- 6 Discuss mechanism of action of Non-Steroidal Anti-Inflammatory Drugs. (10)
- 7 Discuss occurrence and propagation of dental infection. (10)
- 8 Discuss age changes in the dentition. (10)
- 9 Discuss calcium metabolism and its role in development of bone and teeth. (10)
- 10 Discuss in detail the defence mechanism of saliva. (10)