

**Time: Three Hours****Max. Marks: 100 Marks****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 Biostatistics (RS-5)****Q.P. CODE: 6063**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**Answer All The Questions****10 X 10 = 100 Marks**

1. Discuss microbiology of inflammatory periodontal disease.
2. Define confounding. Discuss measures to control confounding in research.
3. Enumerate emergency drugs in dental practice and their applications.
4. Discuss the role of saliva in oral health.
5. Describe the development of a tooth. Add a note on its composition and applied aspects.
6. Define blood pressure. Describe the regulation of blood pressure. Add a note on its importance in dentistry.
7. Discuss histopathology and pathogenesis of dental caries.
8. Discuss common disorders of the Temporomandibular joint.
9. Discuss local and systemic adverse effects of local anesthesia.
10. Discuss degenerative changes of Teeth

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