

[Time: 3 Hours]**[Max. Marks: 100]****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,
Research Methodology and Biostatistics.**

(Revised Scheme-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. Describe healing of an extraction wound. Add a note on Dry Socket.
2. Describe the mechanism of action of Local anaesthetics. Add a note on its applied aspects.
3. Describe mechanism of clotting. Add a note on topical haemostatic agents.
4. Describe the type, properties, pathways and mechanisms of pain.
5. Describe various sampling techniques in research.
6. Discuss myths, misconceptions and taboo related to health and disease.
7. Describe the course trigeminal nerve and its applied aspects.
8. Discuss various types of bias in research and add a note on bias minimizing procedures.
9. Describe red and white lesions of oral mucosa.
10. Discuss Microbial flora of cariogenic plaque.

* * * * *