

**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. Describe congenital abnormalities of structures related to oral cavity and their applied aspects.
2. Define nutrition. Describe childhood nutrition requirements and its effect on oral health.
3. Discuss etiopathogenesis and management of Dry socket.
4. Discuss social implications of dental developmental anomalies.
5. Enumerate the emergency drugs and their applications in dental practice.
6. Propose a research protocol to assess antiplaque efficacy of two dentrifices.
7. Mention the various types hypothesis and its application in dental research.
8. Describe development and age changes of mandible.
9. Discuss histopathology and pathogenesis of dental caries.
10. Enumerate the various parametric and non-parametric tests of significance. Add a note on their application.

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