

[Time: 3 Hours]

[Max. Marks: 75]

**PUBLIC HEALTH DENTISTRY****APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND RESEARCH METHODOLOGY  
PAPER - I****(Revised Scheme - 3)****Q.P. CODE: 9731**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY****2 X 20 = 40 Marks**

1. Explain in detail anatomy of tongue. Add a note on applied aspects.
2. Write in detail pain pathway and mechanisms.

**SHORT ESSAY****5 X 7 = 35 Marks**

3. Bleeding disorders
4. Randomized control trial
5. Functions of kidney
6. Sampling
7. Calibration

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