

[Time: 3 Hours]

[Max. Marks: 75]

PERIODONTOLOGY**APPLIED ANATOMY, PHYSIOLOGY, BIOCHEMISTRY, PATHOLOGY AND PHARMACOLOGY****PAPER - I****(Revised Scheme - 3)****Q.P. CODE: 9706**

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. Describe macroscopic and microscopic features of gingiva
2. Classify local anaesthetic agents and write in detail about lignocaine hydrochloride

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

3. Write functions of saliva
4. Describe acute inflammation
5. Describe changes associated with aging in alveolar bone
6. Describe cells found in periodontal ligament
7. Describe virulence factors of *Aggregatibacter actinomycetemcomitans*

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