

[Time: 3 Hours]

[Max. Marks: 100]

**PERIODONTICS****PAPER I(RS)****(Applied Anatomy, Physiology, Biochemistry, Pathology and Pharmacology)****Q.P. CODE : 9471**

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. Discuss in detail the role of analgesics in the management of pain.
2. Discuss in detail the functions of periodontal ligament.

**SHORT ESSAY****6 X 10 = 60 Marks**

3. Function of Neutrophils
4. Saliva in the defense mechanism of the oral cavity
5. Inflammatory mediators
6. Role of vitamin 'D' in periodontal disease pathogenesis
7. Lab investigation for diabetes
8. Methods of GCF collection

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