

**PERIODONTOLOGY**

**Paper-I: Applied Basic Sciences: Applied Anatomy,  
Physiology, and Biochemistry, Pathology, Microbiology,  
Pharmacology, Research Methodology and Biostatistics.**

**(Revised Scheme-5)**

**Q.P. CODE: 6055**

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. Porphyromonas gingivalis and its virulence factors.
2. Role of saliva in periodontal health.
3. Tests of significance.
4. Explain the formation and factors governing collagen formation.
5. Describe the structure and function of TMJ.
6. Discuss clinical significance of surgical anatomy of periodontal related structures in detail.
7. Discuss in detail about the commonly used antimicrobial agents in periodontal practice.
8. Age changes in periodontal tissues.
9. Adaptive immune response in periodontal diseases.
10. Describe the anatomical, histological and clinical significance of cementum.

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