

Time: Three Hours**Max. Marks: 100 Marks****ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY**

Paper-I: Applied Basic Sciences: Applied anatomy, Physiology (General and oral), Cell Biology, General Histology, Biochemistry, General Pathology, General and Systemic Microbiology, Virology, Mycology, Basic Immunology, Oral Biology (oral and dental histology), Biostatistics and Research Methodology - (RS-5)

Q.P. CODE: 6047

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. Discuss the development of tongue. Describe in detail the anatomy, histology, blood supply and innervations of the tongue.
2. Measures of central tendency.
3. Role of vitamins in wound healing.
4. Enumerate the intercellular junctions. Describe in detail the desmosomes.
5. Define apoptosis. Describe its mechanism and its microscopic appearance.
6. Chemical Carcinogenesis.
7. Non-Keratinocytes.
8. Sterilization in dental clinics.
9. Define eruption and shedding. Discuss the theories of eruption.
10. Classify bacteria. Discuss the structure of bacteria and their role in the oral cavity.

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