

**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 carcinogenesis.
2. Describe mechanism of coagulation of blood.
3. Tests of significance.
4. Discuss opportunistic infections.
5. Describe in detail course of facial nerve. Add a note on its associated pathologies.
6. Classify spirochetes. Describe clinical features, oral manifestations and laboratory investigations of syphilis.
7. Describe role of Vitamins in health of oral tissues.
8. Discuss immunology of hypersensitivity.
9. Discuss types of genetic damage.
10. Define taste. Describe different types of taste stimuli, mechanism of taste sensation, taste anomalies. Add a note on structure of taste bud.

\* \* \* \* \*