

**Time: Three Hours****Max. Marks: 100 Marks****ORAL MEDICINE AND RADIOLOGY****PAPER – I: Applied Basic Sciences: Applied Anatomy, Physiology and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics (RS-5)****Q.P. CODE: 6039**

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. Gestation and Olfaction.
2. Cell mediated reactions and its clinical significance.
3. Regulation of gene function.
4. Anti-platelet drugs-recent update.
5. Antioxidants – their role in oral health.
6. Discuss in detail about the muscles of facial expression.
7. Blood sugar regulation.
8. Growth factors in acute inflammation.
9. Pharyngeal arches and its derivatives.
10. Sampling and sample designs.

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