

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
MDS PART - I (PERIODONTOLOGY) DEGREE EXAMINATION – NOVEMBER 2022
SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Thursday, November 03, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Draw diagrams and flow charts wherever necessary.**

1. Role of vitamin C in health and disease.
2. Discuss the role of vasoconstrictors in local anesthesia.
3. Write in detail on inflammation, proinflammatory mediators in relation to periodontal inflammation.
4. Discuss the role of ‘non-steroidal anti-inflammatory drugs’ in the management of periodontal diseases.
5. Enumerate the factors of coagulation of blood and discuss the process of coagulation of blood in detail
6. Branches of maxillary artery and its clinical significance
7. Neutrophil defects
8. Case control and Cohort study
9. Branches of Biostatistics, collection of data and sampling
10. Biology of periodontal wound healing

(10 marks × 10 = 100 marks)

