

Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
MDS PART - I (PERIODONTOLOGY) DEGREE EXAMINATION – OCTOBER 2023
SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Friday, October 27, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **Draw diagrams and flowcharts wherever necessary.**

1. Write in detail about microcirculation of gingiva.
2. Mention tests of clinical significance.
3. Write in detail about the coagulation cascade.
4. Write a note on the role of micronutrients in periodontal health and disease.
5. Write in detail about the microbiologic tests used for periodontal diagnosis.
6. Write in detail laboratory investigations for diabetes mellitus.
7. Write briefly about anatomical considerations of maxilla.
8. Local drug delivery agents.
9. Transendothelial migration.
10. Classification and mechanism of action of local anesthetic agents.

(10 marks × 10 = 100 marks)

