

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (CONSERVATIVE DENTISTRY AND ENDODONTICS) 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 the questions.**

✍ **Illustrate your answers with diagrams, flow chart wherever appropriate.**

1. Explain in Detail with a Neat diagram the Origin, Insertion, Action and Innervation of Medial Pterygoid muscle.
2. Demineralization v/s Remineralization
3. Pulp dentin complex and its clinical significance
4. Microscopic structure of enamel
5. Physiology of mastication
6. Histology of Dental pulp
7. Molecular methods of bacterial isolation
8. Local drug delivery
9. Sampling methods.
10. Recent advances in Dental liners

(10 marks × 10 = 100 marks)

