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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (PERIODONTOLOGY) DEGREE EXAMINATION – SEPTEMBER 2024

SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Monday, September 09, 2024

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

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

1. Sterilization techniques.
2. Factors affecting wound healing.
3. Classify local anaesthetic agents. Write about the mechanism of action of various agents.
4. Microbiological tests in periodontal diagnosis.
5. Bone coupling.
6. Collagen in health and disease.
7. Pro-inflammatory mediators in periodontal disease.
8. Role of saliva in periodontal health.
9. Lab investigations for Diabetes.
10. Emergency drugs in periodontal practice.

(10 marks × 10 = 100 marks)

