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# MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – SEPTEMBER 2024

## PAPER I – APPLIED BASIC SCIENCES

Monday, September 09, 2024

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Draw diagrams and flowcharts where necessary.

1. Parotid gland and its applied aspects
2. Describe pain pathway. Add a note on Gate Control Theory
3. Histology of tongue
4. Blood coagulation and its applied aspects
5. Role of vitamins
6. Describe HPA axis in detail and discuss its clinical significance
7. Metabolic disorders
8. Muscle relaxants
9. Tests of significance
10. Healing of biopsy wound

(10 marks × 10 = 100 marks)

