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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORAL MEDICINE AND RADIOLOGY) DEGREE EXAMINATION – AUGUST 2025
PAPER I – APPLIED BASIC SCIENCES

Friday, August 01, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL the questions.**
- ✍ **Draw diagrams and flowcharts where necessary.**

1. Anatomy of TMJ and applied aspects.
2. Write in detail the structure of nephron and add a note on function of kidneys.
3. TNM staging and treatment of oral cancer.
4. Blood grouping.
5. Describe the principles of antibiotic therapy.
6. Vital staining.
7. Routes of drug administration.
8. Microbiological investigations for candidiasis.
9. Development of palate and its applied aspects.
10. Chi square test. Add a note on p value.

(10 marks × 10 = 100 marks)

