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# MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORAL AND MAXILLOFACIAL SURGERY) 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 the questions.

✍ Draw Diagrams and Flowcharts wherever necessary.

✍ Discuss in detail:

1. SCALP and its Applied aspects
2. Development of the Face
3. Electrophysiology of Nerve Conduction and Mechanism of Action of Nerve Blockade
4. Anaphylaxis
5.  $\beta$  - Lactam Antibiotics
6. Mandible – Osteology, Muscle Attachments and Relations
7. Facial Nerve – Course and Applied Aspects
8. Syncope
9. Fracture Healing and its Complications
10. Maxillary Artery

(10 marks  $\times$  10 = 100 marks)

