MANIPAL ACADEMY OF HIGHER EDUCATION

FINAL MBBS PART – II DEGREE EXAMINATION – APRIL 2025

SUBJECT: SURGERY: PAPER – I (ESSAY)

(OLD REGULATION)

Monday, April 07, 2025

Time: 10:20 – 13:00 Hrs.   Maximum Marks: 80

- ✍ Answer Section "A" and Section "B" in TWO separate answer books.
- ✍ Answer ALL questions.
- ✍ Write answers briefly and illustrate them with neatly labelled diagrams wherever appropriate.

SECTION "A" (GENERAL SURGERY) : 40 MARKS

✍ **Essay question:**

1. A 40 years old lady presents with blood stained discharge from left nipple. Enumerate the types of nipple discharge. List the causes for each type of discharge. Discuss the investigations required to arrive at a diagnosis and outline the treatment plan for this patient

(2+2+2+2=8 marks)

2. **Write short notes:**
2A. Discuss the management of electrical burns
2B. Describe the surgical anatomy of the pulp space. List the complications of pulp space infection
2C. Outline the technique of Angioplasty. List the complications which may arise from this technique
2D. Describe the stages of tuberculous lymphadenitis
2E. Define Venous gangrene. Describe its clinical features. Outline the treatment
2F. What is the cause of Thyroid storm? List its presenting features. Outline its prevention.
2G. Enumerate the symptoms and signs of branchial cyst.
2H. Outline the pathophysiology of formation of salivary gland calculi.

(4 marks × 8 = 32 marks)

SECTION "B" (ORTHOPAEDICS) : 40 MARKS

✍ **Essay question:**

3. Etiopathogenesis, clinical features and management of acute osteomyelitis.

$$(3+2+3 = 8 \text{ marks})$$

4. **Write short note on:**

4A. Plaster of Paris (POP).

4B. Wrist drop

4C. Fat embolism syndrome

4D. Thomas splint

4E. Name any 2 late complications fracture neck of femur in adults and their management.

4F. Osteoid Osteoma: diagnosis and management

4G. Tennis elbow

4H. Radiological features of rickets and management.

$$(4 \text{ marks} \times 8 = 32 \text{ marks})$$