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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY 2025**  
**SUBJECT: SURGERY: PAPER – I (ESSAY)**

(OLD REGULATION)

Saturday, February 08, 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 35year old female, nil premorbid, presents to the surgery OPD with a swelling in the anterior aspect of the neck. Clinical examination reveals a discrete swelling in an otherwise impalpable thyroid gland which moves up with deglutition.
  - 1A. What is the likely diagnosis?
  - 1B. Differentials for the diagnosis.
  - 1C. What are the investigations asked for in this patient?
  - 1D. What are the different treatment modalities available?

(1+2+2+3 = 8 marks)

2. Short notes:

- 2A. Triple assessment of a breast lump.
- 2B. Investigations of peripheral arterial occlusive disease.
- 2C. CEAP classification of chronic venous disorders.
- 2D. Gastrinoma triangle.
- 2E. Boundaries of retromolar trigone and its significance.
- 2F. Difference between tidy and untidy wounds.
- 2G. Concealed hemorrhage.
- 2H. Complications of enteral nutrition.

(4 marks × 8 = 32 marks)

**SECTION "B" (ORTHOPAEDICS) : 40 MARKS**

**✍ Essay question:**

3. Classify fracture Neck of femur. Add a note on clinical features and management of fracture Neck of femur in 10 yr old child.

(8 marks)

**4. Write short note on:**

- 4A. Ponsetti method of management of club foot.
- 4B. Describe stages of fracture union.
- 4C. Bohler braun splint.
- 4D. Classify Physeal injuries.
- 4E. Management of carpal tunnel syndrome.
- 4F. Clinical features and management of volar Barton's fracture.
- 4G. Clinical features and investigation for Giant cell tumor of distal Radius.
- 4H. Classify osteomyelitis and add a note on sequestrum.

(4 marks × 8 = 32 marks)



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**FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY 2025**  
**SUBJECT: SURGERY: PAPER – II (ESSAY)**

(OLD REGULATION)

Monday, February 10, 2025

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ All questions are compulsory.

✍ Illustrate your answers with suitable diagrams wherever necessary.

✍ Essay Questions:

1. A 40-year-old female patient whose BMI is 34, has right hypochondrium pain for 1-day duration. She also complains of right shoulder pain. There is history of vomiting and fever. On examination, patient is jaundiced with tenderness in the right hypochondrium.
  - 1A. What is the probable diagnosis and what are the differential diagnoses?
  - 1B. Write the management plan for the above patient.
  - 1C. Write 4 complications of the above condition.

(3+5+2 = 10 marks)

2. 60-year-old male presents with pain abdomen and bilious vomiting since three days. He gives history of reducible swelling in right groin for past 5 years which has become irreducible and painful since three days. On examination patient looks toxic and has a tense and tender swelling in the right groin. What is your diagnosis? How do you resuscitate, investigate and treat this patient?

(1+3+2+4 = 10 marks)

3. Short Notes:

- 3A. Management of pseudocyst of pancreas.
- 3B. Complications of splenectomy.
- 3C. Clinical features of sigmoid volvulus.
- 3D. Treatment of hydatid cyst of liver.
- 3E. Management of fistula in ano.
- 3F. Etiology of carcinoma stomach.
- 3G. Treatment of bleeding duodenal ulcer.
- 3H. Clinical features of carcinoid syndrome.
- 3I. Clinical features and management of desmoid tumour.
- 3J. Management of achalasia cardia.
- 3K. Clinical features of pneumothorax.
- 3L. Clinical features of benign prostatic hyperplasia.
- 3M. Causes of hydronephrosis.
- 3N. Clinical features and management of chronic subdural hematoma.
- 3O. Clinical features and management of hypospadias in children.

(4 marks × 15 = 60 marks)

