

# Question Paper

Exam Date & Time: 22-Apr-2024 (10:20 AM - 01:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**THIRD PROFESSIONAL PART - II MBBS DEGREE EXAMINATION - APRIL 2024**  
**SUBJECT: GENERAL SURGERY - PAPER I**  
**(CBME SCHEME)**

Marks: 80

Duration: 160 mins.

**Answer all the questions.**

**Write relevant answers briefly and illustrate them with neatly labelled diagrams wherever appropriate.**

**Long Answer (Essay) Question:**

1. 40-year-old lady comes with history of large anterior neck swelling since past eight years slowly growing. Since past four months she complains of loss of weight in spite of good appetite, palpitations and tremors.

1A) What is the diagnosis? (1)

1B) How do you investigate this lady with possible laboratory and imaging findings? (2+2 = 4 marks)

1C) What are the different treatment options with advantages and disadvantages of each option? (5)

2. A 56-year-old male patient comes with the history of fresh bleeding per rectum, altered bowel habits, mucus discharge, tenesmus and loss of weight and appetite since past 2 months.

2A) What is the likely diagnosis? (1)

2B) How do you investigate and confirm the diagnosis? (4)

2C) How do you treat the condition? (5)

**3. Short Answer Questions:**

3A) Pleomorphic adenoma of parotid gland clinical features and management. (4)

3B) Classification of hydrocele. (4)

3C) Complications of varicose veins. (4)

3D) Management of early breast carcinoma. (4)

3E) Clinical features of acute pancreatitis. (4)

3F) Treatment of bleeding esophageal varices. (4)

3G) Premalignant lesions of oral cavity. (4)

3H) Clinical features and treatment of Choledochal cyst. (4)

3I) Clinical features and treatment of Phyllodes tumor. (4)

3J) Measurement of ankle brachial pressure index and its significance. (4)

3K) Clinical features and complications of Meckel's diverticulum. (4)

3L) Etiology and clinical features of Cholangitis. (4)

3M) Complications of inguinal hernia. (4)

3N) Clinical features of Pheochromocytoma. (4)

3O) Clinical features of carcinoma stomach. (4)

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# Question Paper

Exam Date & Time: 24-Apr-2024 (10:00 AM - 01:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**THIRD PROFESSIONAL YEAR MBBS PART - II DEGREE EXAMINATION - APRIL 2024**  
**SUBJECT: GENERAL SURGERY PAPER - II**  
**(CBME SCHEME)**

**Marks: 80**

**Duration: 160 mins.**

## **SECTION I - GENERAL SURGERY (38 MARKS)**

**Answer ALL question in both section.**

**Write relevant answers briefly and illustrate them with neatly labelled diagrams wherever appropriate**

### **Long Answer (Essay) Question**

1. Mrs. Vincent is 80 years old admitted to surgical unit in a hospital with altered mental status and stage III pressure sore on sacrum with foul smelling discharge. According to daughter "she had no idea when she developed this bedsore and how?" She mentioned she is on bed since last one month after she had stroke. Patient had history of diabetes, CAD, hypertension, right sided CVA & Hepatitis A. And she is on Metformin 500 mg once a day, aspirin 325 mg daily, Lopressor 50 mg twice a day
- 1A i) How do you treat Mrs. Vincent in your hospital? (3)
- 1A ii) Define pressure sore (1)
- 1Aiii) Enumerate stages of Pressure sore. (2)
- 1B) How to you segregate & dispose the biomedical waste generated in hospital during her hospital Stay (4)

### **2. Short Answer Questions**

- 2A i) Mention Premalignant lesions of skin and subcutaneous tissue (2)
- 2A ii) Discuss Atypical Nevus (2)
- 2B) Describe alterations in skeletal muscle protein metabolism in catabolic phase of stress response. (4)
- 2C) Discuss 4 common macroscopic variants of Malignant melanoma (4)
- 2D) Define Flail chest. Enumerate the features of Flail chest. (1+3 = 4)
- 2E) Enumerate the criteria for discharging minor & mild head injury patients from hospital (4)
- 2F) Enumerate the indications of surgery for Aortic valve disease. (4)
- 2G) Describe the role of communication in patient safety (4)

## SECTION II - ALLIED SURGICAL SUBJECTS (42 MARKS)

Answer all the questions.

### Long Answer (Essay) Question

3. A 70-year-old male with history of slip and fall in the bathroom and was brought to the casualty with pain around his right hip region and inability to bear weight after the fall. On evaluation there was slight external rotation, shortening of right lower limb. Active straight leg raising was not possible.

3A) How will you classify his fracture based on your diagnosis? (2)

3B) Discuss how you will evaluate and treat this patient. (4)

3C) Enumerate four common complications of this fracture. (4)

### 4. Short notes questions

4A) Discuss about the medical / conservative line of management of osteoarthritis in a 60 year old lady. (4)

4B) Patellar tendon bearing below knee prosthesis. (4)

4C) Describe the clinical and radiological features of osteosarcoma. (2+2 = 4)

4D) How will you perform a "Thomas test"? What is the significance of this test in hip examination. (2+2 = 4)

4E) How will you evaluate the spine in a trauma victim with an acute L1 burst fracture with neurological deficits. (4)

4F) List the indications of MRI Brain. CT & MRI Brain findings in Stroke. (2+2 = 4)

4G) Methods of radiation protection to the patients and staff in the diagnostic radiology department. (2+2 = 4)

4H) Classify local anaesthetics and write a note on lignocaine. (2+2 = 4)

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