

Question Paper

Exam Date & Time: 09-Apr-2025 (10:20 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD PROFESSIONAL YEAR MBBS PART - II DEGREE EXAMINATION - APRIL 2025

SUBJECT : SU 401TH P2: SURGERY - PAPER II
(CBME SCHEME)

Marks: 80

Duration: 160 mins.

SECTION I - GENERAL SURGERY (38 MARKS)

Answer all the questions.

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

Long Answer Questions:

- 1A) Enumerate the indications for total parenteral nutrition. (4)
1B) Appraise the advantages and disadvantages of total parenteral nutrition. (6)

2. Short Answer Questions:

- 2A) What are the pre-malignant skin lesions? (4)
2B) Explain the formulae used for fluid resuscitation in burn victims. (4)
2C) Classify surgical wounds. Give an example for each type of surgical wound. (4)
2D) What are the types of transplant rejection? (4)
2E) What are the indications for coronary artery bypass surgery? (4)
2F) Describe the techniques of inserting a chest drain for pneumothorax. Illustrate the "Triangle of safety" with the help of a diagram. (4)
2G) Discuss how you would consent to a polytrauma victim for a blood transfusion. (4)

SECTION II - ALLIED SURGICAL SUBJECTS (42 MARKS)

Answer all the questions.

Long Answer Question:

3. A 50-year-old man was brought with a history of sickle injury on the back of right thigh. He has numbness in the right leg and inability to move the ankle.

- 3A) Mention the diagnosis with reasoning. (2)
3B) How do you classify these injuries? (2)
3C) Which type of injury is likely in this patient? (1)
3D) Discuss the immediate and late management of this injury. (5)

4. **Short Answers:**

- 4A) Radiological findings of Giant Cell tumor. (4)
- 4B) Clinical tests for meniscal tears. (4)
- 4C) Clinical test and treatment of De Quervain's disease. (4)
- 4D) Types of fracture patella with diagram. (4)
- 4E) Prevention of bed sore. (4)
- 4F) Write the indications and contraindications for spinal and epidural anesthesia. (4)
- 4G) Draw and label a diagram of the neuromuscular junction. Classify with examples the neuromuscular blocking agents. (4)
(2+2 = 4 marks)
- 4H) Types of Intracranial Hemorrhage. Briefly discuss the imaging of Extradural hemorrhage. (4)

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