

Question Paper

Exam Date & Time: 07-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: 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 Questions:

1. 60-year-old female patient came with the complaints of swelling in front of the neck, which moves with deglutition. On examination both the lobes of thyroid were enlarged with palpable level III and level IV neck nodes on the left side.

- 1A) What is the most probable diagnosis for enlarged thyroid in this case? (1)
- 1B) Write the classification of thyroid swelling. (2)
- 1C) How will you investigate this patient? (3)
- 1D) What surgical treatment is considered in this patient and what are the complications of this surgery? (4)

2. A 65-year-old male patient presents to the emergency triage with abdominal pain, foul smelling feculent vomiting, abdominal distension and absolute constipation. He also gives history of recent onset of altered bowel habits.

- 2A) What is the most likely diagnosis? (1)
- 2B) What are the immediate resuscitative measures? (3)
- 2C) Enumerate the appropriate investigations to diagnose and to find the cause for this condition. (3)
- 2D) What are the surgical options to treat this condition? (3)

3. Short Answer Questions:

- 3A) List four premalignant lesions of oral cavity and add a note on field cancerization. (4)
(2+2 = 4 marks)
- 3B) Describe management of a child with bilateral vesicoureteral reflux. (4)
- 3C) Define Virchow's triad. Describe medical management of DVT. (4)
(1+3 = 4 marks)
- 3D) What is Triple assessment in breast lump. Describe the pathophysiology of Aberrations of normal (4)

development and involution (ANDI).

(2+2 = 4 marks)

- 3E) Assessment of severity in acute pancreatitis. Describe Ranson and Glasgow scoring in acute pancreatitis. (4)
(2+2 = 4 marks)
- 3F) Enumerate the causes for Upper GI bleeding. What is Mallory-Weiss tear and how will you manage this condition. (4)
(2+2 = 4 marks)
- 3G) Classification of salivary gland tumours. Write the complications of salivary gland surgery. (4)
(2+2 = 4 marks)
- 3H) Etiopathogenesis of amoebic liver abscess. (4)
- 3I) 32-year-old female, nulliparous came to surgery OPD with the complaints of painless left breast lump of 2x2cm. Evaluated further with imaging, showed BIRADS category 4B and biopsy revealed Infiltrating Ductal Carcinoma with hormonal status of ER, PR positive and Her2 neu negative. How will you counsel and communicate to the patient and party regarding the diagnosis, surgical procedure and further treatment including need of hormonal therapy. (4)
- 3J) Define Critical limb ischemia. Describe medical management of peripheral vascular disease. (4)
(1+3 = 4 marks)
- 3K) Describe the clinical features and principles of management of short gut syndrome. (4)
(2+2 = 4 marks)
- 3L) Describe OPSI. Discuss in detail about vaccination for elective and emergency splenectomy. (4)
(2+2 = 4 marks)
- 3M) Describe European Hernia society inguinal hernia classification. Discuss about different types of mesh used in hernia surgery. (4)
(2+2 = 4 marks)
- 3N) Treatment of pheochromocytoma. (4)
- 3O) Diagnostic investigations of achalasia cardia. Add a note on recent modalities of treatment. (4)
(2+2 = 4 marks)

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