

UNIVERSITY OF JAFFNA, SRI LANKA

FINAL EXAMINATION FOR MEDICAL DEGREES–May 2013

SURGERY - PAPER II

Date: 23.05.2013

Time: 03 ½ hours

ANSWER ALL THE TEN (10) QUESTIONS

Answer each question in separate answer book



1. A 45 year old female patient presented with a lump in the right breast of three months duration. On clinical examination the lump was highly suspicious of malignancy.
 - 1.1. List the signs of a breast lump suggestive of malignancy (20 marks)
 - 1.2. How will you confirm the diagnosis of carcinoma of breast (20 marks)
 - 1.3. Briefly describe the staging of breast cancer (20 marks)
 - 1.4. Briefly describe the components of getting informed consent for mastectomy (20 marks)
 - 1.5. What is the follow up plan after surgery for carcinoma of breast (20 marks)

2. A 45 year old male patient was investigated for abdominal pain. He was found to have a liver abscess.
 - 2.1 List the symptoms suggestive of liver abscess (20 marks)
 - 2.2 What physical signs you would expect in a patient with liver abscess (20 marks)
 - 2.3 Mention an investigation to diagnose liver abscess (10 marks)
 - 2.4 Enumerate the principles of management of liver abscess (30 marks)
 - 2.5 Mention four complications of liver abscess (20 marks)

3. Twenty five year old female presented with right sided deep cervical lymph node enlargement. FNAC of this lymph node revealed deposits of papillary carcinoma of Thyroid. On clinical examination there was no palpable thyroid lump.

3.1 Mention further investigations with interpretations needed in this patient for the management (40 marks)

3.2 Discuss the treatment options with reasons, for this patient (60marks)

4. Write short notes on

4.1 Umbilical discharge (30marks)

4.2 Painful anal conditions (40marks)

4.3 Painful testis in 19 year old male (30marks)

5. A 45 year old male presented with multiple peri-anal fistulae associated with altered bowel habits and abdominal pain. Tissue biopsy turned out to be a transmural inflammation with crypts. There was no evidence of any malignancy.

5.1 What is your working diagnosis? (10marks)

5.2 What inflammatory markers would you use to monitor the severity of the disease? (10marks)

5.3 Describe the radiological features of this disease on a Small Bowel Follow Through. (40marks)

5.4 Mention the surgical options to deal with the complications of this disease. (40marks)

6. 27 year old motorcyclist was brought to surgical emergency ward following a motor vehicle accident. On admission he was conscious and had abrasion in his left hypochondrium. His pulse rate was 120 /minute and blood pressure was 90/60 mm Hg.

- 6.1 How would you initially manage this patient in surgical casualty ward? (50marks)
- 6.2 What investigation would you consider in this patient to arrive at a diagnosis? (10marks)
- 6.3 Discuss about the definitive management of this patient. (40marks)

7. A seventy year old man presents in the surgery clinic with lower urinary tract symptoms (LUTS).

- 7.1 What symptoms and signs would indicate that this is due to bladder outflow obstruction caused by benign prostatic enlargement? (30 marks)
- 7.2 Give at least four investigations that would help in his management (20 marks)
- 7.3 What are the treatments available and how would you decide which is most suitable for him? (50 marks)

8.

8.1. A neonate is referred to you with bilateral club feet at day three post delivery.

- 8.1.a. Describe your clinical assessment (30 marks)
- 8.1.b Describe your initial management of this child (30marks)

8.2. A 35 year old male was brought to the emergency department with open intra-articular fracture of the tibia.

Describe your initial management and outline the complications of the above injury (40 marks)



9. Write short notes on

9.1 Postoperative pain relief (40 marks)

9.2 Complications of chronic suppurative otitis media (30 marks)

9.3 a) Microbial keratitis (corneal ulcer) (15 marks)

b) Blunt trauma to eye (15 marks)

10. A 50 year old male patient presented with chronic leg ulcer

10.1 Define term chronic leg ulcer (10 marks)

10.2 List the causes for chronic Leg ulcer (20 marks)

10.3 Briefly describe the clinical evaluation of this patient (History and Examination)
(40 marks)

10.4 Outline the principle of management of the commonest cause of leg ulcers
(30 marks)