

MANIPAL UNIVERSITY

FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2010

SUBJECT: SURGERY: PAPER – I (ESSAY)

Friday, January 15, 2010

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 48

- ✍ Answer Section "A" and Section "B" in TWO separate answer books.
✍ Answer all questions. Draw diagrams wherever necessary.

SECTION "A" : 24 MARKS**1. Long Essay Questions:**

- 1A. Define shock. Elaborate the treatment of a patient in shock.
1B. Treatment of Stage IV carcinoma breast.

(6×2 = 12 marks)

2. Short Essay Questions:

- 2A. Right subhepatic abscess.
2B. Indications for fresh blood transfusion.
2C. Enterogenous mesenteric cyst.

(4×3 = 12 marks)

SECTION "B" (ORTHOPAEDICS) : 24 MARKS

- 3A. Enumerate four causes of non-union.
3B. Describe the clinical and radiological features of non-union.

(1+2 = 3 marks)

- 4A. Define Colles' fracture.
4B. What are the displacements seen in a Colles' fracture? Enumerate four complications.

(1+2 = 3 marks)

- 5A. Describe the mechanisms of injury of fracture patella.
5B. How will you manage a case of fracture patella?

(1+2 = 3 marks)

- 6A. Define neurotmesis.
6B. How does neuropraxia differ from axonotmesis? Discuss the principle of management of neuropraxia.

(1+2 = 3 marks)

7A. How do you classify spina bifida?

7B. Briefly discuss the clinical features of spina bifida.

(1+2 = 3 marks)

8A. What is Ewing's sarcoma?

8B. What are the clinical and radiological features of Ewing's sarcoma?

(1+2 = 3 marks)

9A. What is painful arc syndrome?

9B. Enumerate four causes and discuss the non-operative management of painful arc syndrome.

(1+2 = 3 marks)

10A. Enumerate four common sites of osteoarticular tuberculosis.

10B. Discuss the various investigative modalities for diagnosing osteoarticular tuberculosis.

(1+2 = 3 marks)



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Saturday, January 16, 2010

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 48

1. Discuss etiology clinical features of rectal carcinoma and management of carcinoma rectum which is 5cm from anal verge.
(6 marks)
2. Discuss etiopathogenesis clinical features and management of Ulcerative colitis.
(6 marks)
3. Write short notes on the following:
 - 3A. Surgeries for chronic Pancreatitis
 - 3B. Management of common bile duct stone
 - 3C. Gastrinoma(4×3 = 12 marks)
4. List out the causes of bladder outlet obstruction. Discuss etiopathogenesis clinical features and management of benign prostatic hyperplasia.
(6 marks)
5. Classify thyroid malignancies, their mode of spread. Discuss etiopathogenesis clinical features and management of medullary carcinoma of thyroid.
(6 marks)
6. Write short notes on:
 - 6A. Achalasia cardia
 - 6B. Management of traumatic haemothorax
 - 6C. Subarachnoid Hemorrhage(4×3 = 12 marks)

