

MANIPAL UNIVERSITY**FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2015****SUBJECT: SURGERY: PAPER – I (ESSAY)**

Monday, July 13, 2015

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” (GENERAL SURGERY) : 24 MARKS**✍ Long essay questions:**

1. Discuss pathophysiology, clinical features and treatment of tetanus.
(6 marks)
2. Discuss a etiology of carcinoma of breast. A 48 yrs. old lady presents with a painless lump in left breast of 2 months duration. Discuss possible differential diagnosis and briefly describe the management of the most likely condition.
(6 marks)

3. Short essay questions:

- 3A. Hyponatraemia
- 3B. Thrombo angiitis obliterans
- 3C. Mesenteric cyst

(4 marks × 3 = 12 marks)

SECTION “B” (ORTHOPAEDICS) : 24 MARKS**✍ Answer ALL questions.**

- 1A. Define the terms “stress fracture” and “green stick fracture”.
- 1B. What are the principles of management of poly-trauma patient?
(1+2 = 3 marks)
- 2A. What do you mean by “Cubitus Valgus”?
- 2B. In which fracture this complication is commonly seen? Describe the neurological complication seen in long standing case of cubitus valgus.
(1+2 = 3 marks)

- 3A. Describe the mechanisms of injury of transverse and stellate fractures of the patella.
3B. How would you manage an adult with a transverse fracture of the patella?
(1+2 = 3 marks)
- 4A. Define "Quadriplegia" and "Paraplegia".
4B. In which type of spinal injuries they are seen? Enumerate four complications of paraplegia.
(1+2 = 3 marks)
5. What are the clinical, radiological and biochemical features of rickets?
(3 marks)
- 6A. Enumerate four primary bone tumors.
6B. Describe the cell of origin of each of these bone tumors. Enumerate one local and one general complications of these bone tumors.
(1+2 = 3 marks)
- 7A. What are the clinical features of septic arthritis?
7B. Enumerate four complications of septic arthritis.
(1+2 = 3 marks)
- 8A. List four common causes for back ache in an adult.
8B. What is the significance of a positive straight-leg-raising test?
(1+2 = 3 marks)



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MANIPAL UNIVERSITY**FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2015****SUBJECT: SURGERY: PAPER – II (ESSAY)**

Tuesday, July 14, 2015

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 48

✍ **Answer ALL the questions:**

✍ **Long Essay Questions:**

1. Mention causes of acute upper gastrointestinal bleed. A 65 yrs old male with a past history of Myocardial Infarction was brought to casualty with massive haemetemesis. How will you investigate and manage the patient? (6 marks)

2. Enumerate the causes of obstructive jaundice. Describe the clinical features, investigations and treatment of a suspected case of jaundice due to CBD stones. (6 marks)

3. **Short Answer Questions:**

3A. Fistula-in-ano

3B. Carcinoid of Appendix

3C. Overwhelming post-splenectomy infection (OPSI)

(4 marks × 3 = 12 marks)

✍ **Long Essay Questions:**

4. Classify salivary gland tumours. A 30 yrs old lady presents with a swelling below and in front of the left ear of 4 years duration. Discuss the possible diagnosis and management. (6 marks)

5. Describe the aetiology, clinical features, investigations and treatment of a patient with vesical (urinary bladder) calculus. (6 marks)

6. **Short Answer Questions:**

6A. Thymoma

6B. Premalignant lesions of the oral cavity

6C. Lucid interval

(4 marks × 3 = 12 marks)

