

MANIPAL UNIVERSITY**FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2009****SUBJECT: SURGERY: PAPER-I (ESSAY)**

Monday, January 19, 2009

Time available: 10:15 – 13:00 Hours

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. A 35 year old female present with a hard breast lump 3cm in diameter and a solitary axillary node. What is the probable diagnosis? How will you investigate and manage this patient?
(1+2+3 = 6 marks)
2. Define claudication. What are the grades of claudication? How will you investigate and treat a 60 year old with an obstruction in the right femoral artery?
(1+2+3 = 6 marks)
3. Short essays:
- 3A. Aneurysm.
3B. Fluid resuscitation in burns.
3C. Mesenteric cyst.
(4×3 = 12 marks)

SECTION “B” (ORTHOPAEDICS) : 24 MARKS

4. Define the following:
- 4A. Fracture.
4B. Non union.
4C. Pathological fracture.
(1+1+1 = 3 marks)
- 5A. Enumerate two immediate complications of supracondylar fracture of the humerus.
5B. How would you manage this fracture in a six year old girl?
(1+2 = 3 marks)
- 6A. What are the types of fracture pelvis?
6B. Enumerate two complications of fracture pelvis.
(2+1 = 3 marks)

- 7A. What is wrist drop?
7B. Mention two causes of wrist drop.
7C. Enumerate two treatment options for wrist drop.

(1+1+1 = 3 marks)

8. Outline the general principles of management of a paraplegic patient.

(3 marks)

- 9A. Enumerate two clinical signs of developmental dysplasia of the hip in the new-born.
9B. How will you treat a six month old child with DDH?

(1+2 = 3 marks)

- 10A. Enumerate two causes for genu valgum.
10B. How would you manage idiopathic genu valgum in a 14 year old boy?

(1+2 = 3 marks)

- 11A. Enumerate four clinical features of rheumatoid arthritis.
11B. Mention the surgical management of rheumatoid arthritis.

(1+2 = 3 marks)

MANIPAL UNIVERSITY
FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2009
SUBJECT: SURGERY: PAPER-II (ESSAY)

Tuesday, January 20, 2009

Time available: 10:15 – 13:00 Hours

Maximum Marks: 48

1. Discuss signs and symptoms and management principles of small intestinal obstruction. Add a note on paralytic ileus.

(6 marks)
2. Discuss the signs and symptoms and management of splenic injury. Add a note on Overwhelming Post Splenectomy Infection (OPSI).

(6 marks)
3. Short Notes:
 - 3A. Clinical features of obstructive jaundice.
 - 3B. Anatomy of anal canal and management of fissure in ano.
 - 3C. Management of perforated duodenal ulcer.

(4×3 = 12 marks)
4. Classify Goitre. Discuss management of papillary carcinoma thyroid with neck secondaries.

(6 marks)
5. What are the causes of retention of urine in 50 year old man? How do you investigate such cases and come to the diagnosis.

(6 marks)
6. Short Notes:
 - 6A. Surgical emphysema.
 - 6B. Management of carcinoma penis.
 - 6C. Management of achalasia cardia.

(4×3 = 12 marks)

