

**MANIPAL UNIVERSITY****FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2012****SUBJECT: SURGERY: PAPER – I (ESSAY)**

Friday, January 13, 2012

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****1. Essay Questions:**

1A. Classify degrees of Thermal burns. Enumerate clinical features, pathophysiological changes and emergency management of burns.

1B. Mention the types of breast malignancies. What are its risk factors and premalignant lesions? State the various surgical options available in management of carcinoma breast.

(6×2 = 12 marks)

**2. Short Notes:**

2A. Write briefly on clinical manifestation of Thromboangitis Obliterance. Enumerate the medical and surgical options available for treatment.

(4 marks)

2B. Classify hernias. Illustrate the surgical anatomy of inguinal canal.

(2+2 = 4 marks)

2C. Write briefly on Mesenteric cyst, its types, clinical manifestation, differential diagnosis and management.

(4 marks)

**SECTION “B” (ORTHOPAEDICS) : 24 MARKS**

3A. What are the clinical features of a fracture?

3B. Enumerate four early and four late complications of fractures.

(1+2 = 3 marks)

4A. Mention the classification of tibial condylar fractures.

4B. Discuss the management of tibial condylar fractures.

(1+2 = 3 marks)

5A. What is Smith’s fracture?

5B. How will you manage it?

(1+2 = 3 marks)

- 6A. How do you classify spinal injuries depending on the mechanism of injury?  
6B. Enumerate four complications of spinal injuries and mention the methods of prevention of any one of them.

(1+2 = 3 marks)

- 7A. Define claw hand.  
7B. Describe the differences between a partial and total claw hand. Enumerate the causes of claw hand.

(1+2 = 3 marks)

- 8A. Enumerate four indications for amputation.  
8B. What are the early and late complications of a below knee amputation.

(1+2 = 3 marks)

- 9A. How do you classify osteomyelitis?  
9B. Discuss the clinical features and management of Brodie's abscess.

(1+2 = 3 marks)

- 10A. Enumerate four causes for genu valgum.  
10B. Discuss the management of a case of bilateral genu valgum in a 14 year old boy.

(1+2 = 3 marks)



Reg. No.

## MANIPAL UNIVERSITY

### FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2012

#### SUBJECT: SURGERY: PAPER – II (ESSAY)

Saturday, January 14, 2012

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 48

#### SECTION – A

##### 1. Essay Questions:

- 1A. Enumerate the risk factors and premalignant conditions of colo-rectal malignancies. State the differences in clinical presentation and prognosis of left versus right sided colonic malignancies. Add a note on staging and management of rectal malignancies. (2+2+2 = 6 marks)
- 1B. Enumerate the Aetiopathogenesis of cholecystitis. Detail briefly the effects and complications of Gall Stones. Add a note on management of acute calculous Cholecystitis. (2+2+2 = 6 marks)

##### 2. Short Notes:

- 2A. Causes of Acute Pancreatitis. Enumerate Ranson's Criteria. (2+2 = 4 marks)
- 2B. Write briefly on clinical presentations and management of Hypertrophic Pyloric Stenosis of Infancy. (2+2 = 4 marks)
- 2C. Discuss the management and complications of Hydatid cyst of liver. (2+2 = 4 marks)

#### SECTION – B

##### 3. Essay Questions:

- 3A. Enumerate the various causes of thyrotoxicosis. Mention the clinical presentation of Grave's disease and the management of Grave's disease. (2+3+1 = 6 marks)
- 3B. Enumerate the aetiopathogenesis, clinical features, differential diagnosis and management of Pheochromocytoma. (6 marks)

##### 4. Short Notes on:

- 4A. Enumerate the various causes for acute retention of urine. (4 marks)
- 4B. Describe the management of Achalasia cardia. (2+2 = 4 marks)
- 4C. Write briefly on causes, clinical manifestation and management of Tension Pneumothorax. (1+1+1+1 = 4 marks)

