

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY 2019**  
**SUBJECT: SURGERY: PAPER – I (ESSAY)**

Thursday, February 14, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ Answer Section “A” and Section “B” in TWO separate answer books.
- ✍ Answer ALL questions. Add appropriate illustrations.

**SECTION “A” (GENERAL SURGERY) : 40 MARKS**

✍ Essay question:

1. A 50 year old farmer had a lacerated wound in his right foot while working; 15 days later he developed trismus, smiling face, neck rigidity and tonic clonic convulsions. What is the likely diagnosis? What are the clinical features in such patients one can look for? Highlight the essential management.

(8 marks)

2. Write short notes on:

- 2A. Thiersch graft
- 2B. Keloid
- 2C. Metabolic alkalosis
- 2D. Central venous pressure (CVP)
- 2E. Management of thromboangiitis obliterans (TAO)
- 2F. Branchial cyst
- 2G. Treatment for differentiated thyroid cancer (DTC)
- 2H. Cystosarcoma phylloides

(4 marks × 8 = 32 marks)

**SECTION “B” (ORTHOPAEDICS) : 40 MARKS**

1. A 12 year old male suffered a fall and sustained an injury to his right forearm. X-ray revealed fracture of radius and ulna in mid shaft. 4 hour later, he developed severe pain in his forearm with pain on passive stretch of his fingers. What is the most likely diagnosis? Discuss the condition under following headings: pathophysiology, clinical features and management, complications.

(8 marks)

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2. **Write short note on:**

- 2A. Non union
- 2B. Clinical features, investigations and treatment of chronic osteomyelitis
- 2C. Clinical features and management of anterior cruciate ligament injury
- 2D. Gout
- 2E. Osteosarcoma
- 2F. Osteoarthritis of knee
- 2G. Treatment of CTEV in a 6 month old child
- 2H. Foot drop

(4 marks × 8 = 32 marks)



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**FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY 2019**

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

Friday, February 15, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions. Draw diagrams wherever necessary.

✍ Essay questions:

1. Define acute pancreatitis. Enumerate various causes and complications of acute pancreatitis. Discuss the management of a 32 year old alcoholic presented with history of abdominal pain 3 months back and symptoms of early satiety with 10 cm epigastric mass.  
(1+4+5 = 10 marks)

2. Enumerate various causes of haematuria. Discuss the management of a 60 year man presented with haematuria and a mass in the right lumbar area with mild fever.  
(5+2+3 = 10 marks)

3. Short answer questions:

- 3A. Achalasia cardia
- 3B. Flail chest
- 3C. Extradural haematoma
- 3D. Lichtenstein's operation
- 3E. Choledochal cyst
- 3F. Mesenteric cyst
- 3G. Desmoid tumour
- 3H. Complications of splenectomy
- 3I. Treatment options for symptomatic haemorrhoids
- 3J. Sigmoid volvulus
- 3K. Early gastric cancer
- 3L. Laparoscopic cholecystectomy
- 3M. Post gastrectomy dumping syndrome
- 3N. Zollinger Ellison syndrome
- 3O. Tuberculous peritonitis

(4 marks × 15 = 60 marks)

