

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2021**  
**SUBJECT: SURGERY: PAPER – I (ESSAY)**

Monday, July 12, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ Answer Section “A” and Section “B” in TWO separate answer books.
- ✍ Answer ALL questions.
- ✍ Write answers briefly and illustrate them with neatly labelled diagrams wherever appropriate.

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

✍ **Essay Question:**

1. A 25 year old girl was observed to be irritable, restless and had poor concentration at work. Her co-workers complained that she was giving them staring looks. She was put up for a psychiatry consultation, who after examination referred her to surgery OPD. What is the lady suffering from? Describe her clinical features and how will you manage this patient?

(1+3+4 = 8 marks)

2. **Short Answers:**

- 2A. Common sites and grading of pressure ulcer
- 2B. Wallace rule of nine with relevant diagram
- 2C. Mention CEAP classification of varicose veins
- 2D. Compartment Syndrome - Clinical features and treatment
- 2E. Basal Cell Carcinoma - Clinical features and treatment
- 2F. Frey syndrome
- 2G. Indications of tracheostomy
- 2H. Clinical features of primary hyperparathyroidism

(4 marks × 8 = 32 marks)

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

✍ **Essay questions:**

1. Enumerate common sites of osteoarticular tuberculosis. Discuss the types, clinical features and management of tuberculosis of the spine.

(8 marks)

2. **Write short notes:**

- 2A. Non-union
- 2B. Clinical features of anterior dislocation of shoulder
- 2C. Classification of fracture neck of femur
- 2D. Management of foot drop
- 2E. Deformities in club foot
- 2F. Types of Sequestrae
- 2G. Treatment of osteosarcoma
- 2H. Evaluation in osteomalacia

(4 marks × 8 = 32 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2021**  
**SUBJECT: SURGERY: PAPER – II (ESSAY)**

Tuesday, July 13, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

**Answer ALL questions.**

**Essay Questions:**

1. A 28 years old male presented to the emergency department with complaints of abdominal pain radiating to back, on detailed history he revealed the pain started after a bout of alcohol. What is your probable diagnosis? Discuss the clinical features, investigations, and management of the patient.

(1+3+3+3 = 10 marks)

2. A 18 years old male presents to you with acute pain in right scrotum. What are the differential diagnosis? Discuss the investigations and treatment of the same.

(3+3+4 =10 marks)

**Short Answers:**

- 3A. Hemorrhoids - grading and management
- 3B. Sigmoid volvulus - investigations and treatment
- 3C. Cholelithiasis - types and complications
- 3D. Hydatid cyst liver - etiopathogenesis and treatment
- 3E. Femoral hernia - surgical anatomy and treatment
- 3F. Mesenteric cyst - types and management
- 3G. Extradural haematoma - clinical features and management
- 3H. Achalasia cardia - investigations and management
- 3I. Phimosis
- 3J. Polycystic kidney disease - etiopathogenesis and management
- 3K. Congenital hypertrophic pyloric stenosis - etiopathogenesis, clinical features and management
- 3L. Meconium ileus - etiopathogenesis and management
- 3M. Premalignant condition of carcinoma stomach
- 3N. Complications of splenectomy
- 3O. H. pylori eradication therapy

(4 marks × 15 = 60 marks)

