

Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – AUGUST 2023

SUBJECT: SURGERY: PAPER – I (ESSAY)

(OLD REGULATION)

Saturday, August 05, 2023

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 questions:**

1. A nineteen year old boy was brought to the Emergency Department 4 hours following a road traffic accident. He was pale and had a thready pulse of 140/min, BP of 70/50mmHg and cold peripheries. There was no head or spine injury but he was found to have contusions over his lower chest on the left side with fractures of the 9th and 10th ribs and FAST positive suggestive of hemoperitoneum. What is the clinical diagnosis of his present condition? How is it classified based on severity? How will you undertake the emergency management of this patient in ED?

(1+3+4 = 8 marks)

2. **Short Notes:**

- 2A. Preoperative preparation for thyrotoxicosis.
- 2B. Adjuvant systemic therapy for breast cancer.
- 2C. Raynaud’s syndrome
- 2D. Polydioxanone (PDS)
- 2E. Triage
- 2F. Complications of submandibular gland excision
- 2G. Percutaneous endoscopic gastrostomy
- 2H. Surgical management of lip cancers

(4 marks × 8 = 32 marks)

SECTION “B” (ORTHOPAEDICS) : 40 MARKS

✍ **Essay questions:**

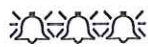
3. 82 year old female came with history of fall was diagnosed to have right side fracture neck of femur, describe classification, clinical features, management and complications.

(8 marks)

4. **Write short note on:**

- 4A. Stages of fracture healing in cortical bone.
- 4B. Investigation and treatment plan for clinically suspicious left distal femur osteosarcoma.
- 4C. Radiological features of Chronic osteomyelitis.
- 4D. Carpal tunnel syndrome.
- 4E. Genu valgum.
- 4F. Describe 2 tests used to detect and grade anterior cruciate ligament injury.
- 4G. Medical management of osteoporosis.
- 4H. Plaster of paris

(4 marks × 8 = 32 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – AUGUST 2023
SUBJECT: SURGERY: PAPER – II (ESSAY)
(OLD REGULATION)

Monday, August 07, 2023

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions.

✍ Essay Questions:

1. A 63 year old male, hepatitis B positive patient presents with pain in the right hypochondrium and on palpation has a solitary 10×10cm mass lesion arising from right lobe of the liver.

1A. What is your diagnosis and give reasons?

1B. What are the appropriate diagnostic investigations?

1C. How do you treat the patient?

(2+3+5 = 10 marks)

2. A 60 year old man presents with bleeding per rectum, tenesmus and progressive constipation. How will you investigate and treat this patient?

(4+6 = 10 marks)

3. Short Answers:

3A. OPSI

3B. Clinical features and treatment of seminoma testis

3C. Clinical features and treatment of hypospadias

3D. Inter-costal drain insertion : indications and technique

3E. Clinical features and treatment of GERD

3F. Outline assessment of pupils in a patient of head trauma.

3G. Paralytic ileus

3H. Complications of gall stones

3I. Mesenteric cyst

3J. Radical gastrectomy for carcinoma stomach

3K. Causes of duodenal obstruction in adults

3L. Aetiopathogenesis of chronic pancreatitis

3M. Wilms tumour

3N. Surgical management of ulcerative colitis

3O. Enlist the differences between direct and indirect hernia.

(4 marks × 15 = 60 marks)

