

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2022

SUBJECT: SURGERY: PAPER – I (ESSAY)

(2017-18 Batch – Repeater)

Monday, July 18, 2022

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. 50 year old lady presents with painless progressive lump in her left breast for 6 months. On examination, the lump is fixed to the skin with Peau d’ orange appearance of skin. How do you further investigate this patient? What would be your approach to treat this patient? Add a note on hormonal therapy in breast cancer.

(3+3+2 = 8 marks)

2. **Short Answers:**

- 2A. Pleomorphic adenoma of parotid, clinical features and treatment
- 2B. List four premalignant lesions of oral cavity and add a note on field cancerisation
- 2C. Boyd’s grading of claudication
- 2D. Deep vein thrombosis - clinical features and treatment
- 2E. Principles and role of using prophylactic antibiotic in clean surgical wounds
- 2F. Haemorrhagic shock - Classification and clinical features
- 2G. Massive blood transfusion - Indications and complications
- 2H. Clinical features of phaeochromocytoma

(4 marks × 8 = 32 marks)

SECTION “B” (ORTHOPAEDICS) : 40 MARKS

✍ **Essay question:**

3. A 29-year-old female patient complained of multiple joint pain especially in wrist and hand with morning stiffness lasting more than an hour. What is the most likely diagnosis? Discuss the condition under following headings: Etiopathogenesis, clinical features and management.

(8 marks)

4. **Write short note:**

4A. Myositis ossificans

4B. Osteochondroma

4C. Ulnar nerve injury

4D. Fracture healing

4E. Painful arc syndrome

4F. Risk factors, clinical feature and management of osteoporosis

4G. Clinical and management of intervertebral disc prolapse at L4-L5 level

4H. Clinical features and management of Pott's paraplegia

(4 marks × 8 = 32 marks)



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Tuesday, July 19, 2022

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

Answer ALL questions.

Essay Questions:

1. A 40 years old lady presents with acute onset of upper abdominal pain radiating to back and relieved by sitting up and stooping forward. In the past she had experienced recurrent episodes of right upper quadrant pain. On examination, she is mildly icteric with normal liver dullness. What is the likely diagnosis? What are possible aetiological factors for this condition? How to you manage this condition? Enumerate the complications of this condition.

(2+3+3+2 = 10 marks)

2. A 70 years old gentleman presents with poor urine stream and increased frequency of micturition. What is the most likely diagnosis? Discuss the surgical anatomy of the organ affected. What are the possible clinical features in this condition? Add a note on investigations and treatment of this condition.

(2+2+2+4 = 10 marks)

Short Answers:

- 3A. Treatment of esophageal varices
- 3B. Management of choledocholithiasis
- 3C. Treatment of haemorrhoids
- 3D. Management of hydatid cyst of liver
- 3E. Complications of peptic ulcer
- 3F. Management of achalasia cardia
- 3G. Management of appendicular mass
- 3H. Treatment of inguinal hernia
- 3I. Embryological aspects and various presentations of Meckel's diverticulum
- 3J. Extradural haematoma
- 3K. Surgical treatment of carcinoma of esophagus
- 3L. Hirschsprung's disease
- 3M. Intussusception
- 3N. Complications of splenectomy
- 3O. Management of sigmoid diverticulitis

(4 marks × 15 = 60 marks)

