

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY 2020
SUBJECT: SURGERY: PAPER – II (ESSAY)

Tuesday, February 18, 2020

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL questions.**

✍ **Essay Questions:**

1. A 45 year old male alcoholic presents with the history of pain in the epigastric region with early satiety and occasional vomiting. On examination there is a diffuse mass in the epigastric area. He has had an episode of acute pancreatitis three months back which had been managed conservatively.

- 1A. What is your diagnosis?
- 1B. Enumerate the different causes of acute pancreatitis
- 1C. How do you investigate this patient?
- 1D. How do you treat this patient?

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

2. A 26 year old lady was diagnosed to have enteric fever and managed with intravenous fluids and antibiotics. Now she has presented to emergency room with history of severe generalized abdominal pain since one day. On examination the patient is lying still in bed, with the pulse rate of 116 per minute, BP of 90/60mmhg, with generalized abdominal tenderness and rigidity.

- 2A. What is your diagnosis and give justification?
- 2B. How do you further investigate this patient?
- 2C. How do you initially resuscitate the patient and what is the definitive treatment?

(2+3+5 = 10 marks)

3. **Short Answers:**

- 3A. Clinical features and metabolic effects of gastric outlet obstruction
- 3B. Clinical features and management of Zollinger-Ellison syndrome
- 3C. Complications of ulcerative colitis
- 3D. Treatment of appendicular abscess
- 3E. Transjugular intrahepatic portosystemic stent shunts: procedure and complication
- 3F. Clinical features of cholelithiasis
- 3G. Barrett's esophagus: clinical features and treatment
- 3H. Clinical features of tension pneumothorax

- 3I. Glasgow coma scale for head injury
- 3J. Chronic subdural haematoma : classical presentation and treatment
- 3K. Peyronie's disease: clinical features and treatment
- 3L. Clinical features of benign prostatic hyperplasia
- 3M. Imperforate anus: clinical features and treatment
- 3N. Clinical features and treatment of testicular torsion
- 3O. Meckel's diverticulum: clinical features and treatment

(4 marks × 15 = 60 marks)



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SUBJECT: SURGERY: PAPER – I (ESSAY)

Monday, February 17, 2020

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

✍ **Long Answers:**

1. A 24 years old female patient presents with swelling in front of neck for 3 months, associated tremors, nervousness, sweating, palpitations, diarrhoea, loss of weight despite good appetite. O/E-there is diffuse swelling in front of neck. Moves up on Deglutition ↑ Pulse rate, exophthalmos.
 - 1A. What is the diagnosis?
 - 1B. What Investigations confirming the diagnosis?
 - 1C. What is the treatment?

(2+2+4 = 8 marks)

✍ **Short Answers:**

- 2A. A fifty years old male patient presents with a large swelling in Anterior aspect of (R) thigh for 2 months. He also tells that the swelling was there for last 5 years increased in size 2 months back. O/E there is a large swelling 8×14cm, anterior compartment (R) thigh with dilated veins on surface and fixed to muscles.
 - i) What is clinical diagnosis?
 - ii) How will you confirm it?
 - iii) Modalities of treatment for the above
- 2B. A 30 years old presents with cervical lymphadenopathy. O/E-There are matted group of lymph nodes in Jugulo-digastric chain.
 - i) What is probable diagnosis?
 - ii) How will you confirm?
 - iii) Write the stages of the disease.

(1+1+2 = 4 marks)

(1+1+2 = 4 marks)

- 2C. A 35 years old, male, smoker-30 Beedies/day, who is Collie by occupation presents with rest pain[®] for 1 month. He had Claudication pain for 1 year. O/E-(R) great toe is gangrenous.
- What is the diagnosis?
 - What pulses will be absent/diminished?
 - How will you confirm the diagnosis?
- (1+1+2 = 4 marks)
- 2D. A fifty years old female has ulcer over (L) medial malleolus for last 6 months. She also has skin changes and dilated veins over the limb.
- Diagnosis
 - How will you evaluate her?
 - Treatment in brief
- (4 marks)
- 2E. A 35 years old female has accidental burns, which occurred at 12. noon. Patient is brought to casualty at 6.00pm same day. She has 30% burns.
- How will you manage the fluid replacement?
 - What other treatment is given?
- (4 marks)
- 2F. A patient was receiving packed cells transfusion in ward. Patient c/o of back ache, chills with rigors, fever.
- What is the above problem?
 - What are the precautions taken to prevent above?
 - What is to be done for above patient?
- (4 marks)
- 2G. A patient undergoes emergency laparotomy for bowel gangrene where (R)Hemicolectomy was done on 4th day. There is purulent this change from the laparotomy wound.
- What is the reason for wound infection?
 - How is it managed?
- (2+2 = 4 marks)
- 2H. 50 years old female patient undergoes total thyroidectomy for papillary carcinoma. On day 3 patient c/o peri-oral numbness, tingling sensation, weakness and difficulty in taking breath.
- What is clinical suspicion?
 - What clinical tests will you do?
 - Investigations and immediate treatment?
- (1+1+2 = 4 marks)

SECTION "B" (ORTHOPAEDICS) : 40 MARKS

✍ Essay question:

- Describe the course of Radial nerve, clinical features, investigations and treatment of high radial nerve palsy.

(8 marks)
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2. **Write short note on:**

- 2A. Bohler-braun splint
- 2B. Giant cell tumour of bone
- 2C. Posterior dislocation of hip
- 2D. Management of chronic osteomyelitis of a long bone
- 2E. Gun stock deformity of elbow
- 2F. Radiological features of rickets in 8 year old child
- 2G. Classify fracture on the basis of pattern
- 2H. Compartment syndrome

(4 marks × 8 = 32 marks)

