

MANIPAL ACADEMY OF HIGHER EDUCATION

FINAL MBBS PART – II DEGREE EXAMINATION – MARCH/APRIL 2021

SUBJECT: MEDICINE: PAPER – I (ESSAY)

Wednesday, March 31, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ Answer all the questions
- ✍ Write only question number in margin space as it appears in question paper
- ✍ Write answers in same order as they appear in question paper
- ✍ Answer to the point, neatly and legibly
- ✍ Write question or brief title above to each answer
- ✍ Use line diagrams and flow charts where appropriate

✍ Long questions:

1. An obese woman aged 45 years suddenly develops acute severe dyspnea and hypotension 2 days after undergoing a cholecystectomy. There is mild jugular venous distension with prominent A waves. The lung fields are clear. ECG shows sinus tachycardia with a right bundle-branch block
 - 1A. What is your diagnosis? Justify your diagnosis
 - 1B. List the common risk factors for this condition
 - 1C. List the investigations and mention abnormalities expected
 - 1D. How will you treat this patient?

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

2. Febrile neutropenia

- 2A. How do you define febrile neutropenia?
- 2B. How do you classify it according to severity?
- 2C. Discuss the pathophysiology
- 2D. What complications are expected? And how to manage such patients including empiric antibiotic therapy and give reasons for the choice?

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

3. Short answer questions:

- 3A. Discuss secondary causes of hypertension
- 3B. Discuss cardiac biomarkers in acute coronary syndrome
- 3C. Clinical features, diagnosis and treatment of tropical pulmonary eosinophilia
- 3D. Name any two inhaled glucocorticoids used in treatment of asthma along with any two devices used to deliver these medications

- 3E. Mention four clinical findings of right upper lobe collapse
- 3F. Pancoast tumor
- 3G. Write a note on treatment of Enteric fever
- 3H. Clinical features and complications of leptospirosis,
- 3I. Mention the key features to distinguish between acute kidney injury and chronic kidney disease
- 3J. Clinical Features and investigations of renal artery stenosis
- 3K. Treatment of Hyponatraemia
- 3L. Discuss Treatment of a patient who has consumed 20 grams of paracetamol tablet 2 hours back
- 3M. Write a note on clinical features and treatment of multiple bees sting
- 3N. Write a note on clinical features and treatment of Heat Stroke
- 3O. Clinical recognition and treatment of primary syphilis

(4 marks × 15 = 60 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – MARCH/APRIL 2021
SUBJECT: MEDICINE: PAPER – II (ESSAY)

Thursday, April 01, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ Answer all the questions
- ✍ Write only question number in margin space as it appears in question paper
- ✍ Write answers in same order as they appear in question paper
- ✍ Answer to the point, neatly and legibly
- ✍ Write question or brief title above to each answer
- ✍ Use line diagrams and flow charts where appropriate
- ✍ **Long questions:**
1. Discuss acute upper gastrointestinal hemorrhage under following headings:
- 1A. Etiological factors
- 1B. Investigations
- 1C. Emergency management of acute nonvariceal upper gastro-intestinal hemorrhage
(3+3+4 = 10 marks)
2. Discuss the causes and clinical features of aplastic anemia. Add a note on its investigations and management
(3+3+4 = 10 marks)
3. **Short answer questions:-**
- 3A. Indications for use of anticoagulants. Mention the types of anticoagulants and examples
(2+2 = 4 marks)
- 3B. Hepatorenal syndrome
(4 marks)
- 3C. Causes of recurrent and chronic pancreatitis
(4 marks)
- 3D. What is Amaurosis fugax and mention its clinical significance
(4 marks)
- 3E. Diagnosis and treatment of myasthenia gravis
(4 marks)
- 3F. Write an emergency plan for investigation and treatment of left sided weakness of 1 hour duration in a male patient aged 45 years.
(4 marks)
- 3G. Clinical features (symptoms and signs) of temporal lobe epilepsy
(4 marks)

- 3H. Treatment of hypoglycemia episode in a diabetic patient (4 marks)
- 3I. Complications of hypothyroidism (4 marks)
- 3J. What is Sheehan's syndrome? Explain the clinical presentation. (2+2 = 4 marks)
- 3K. Treatment of Polycystic Ovarian Syndrome (4 marks)
- 3L. Enumerate common vasculitis. Mention treatment of Giant cell arteritis (2+2 = 4 marks)
- 3M. Complications of Systemic lupus erythematosus (4 marks)
- 3N. Discuss specific nutritional advice for elderly (4 marks)
- 3O. Write a note on Bipolar affective disorder (4 marks)

