

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

Wednesday, July 07, 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 answer questions:

1. A chronic smoker, hypertensive and diabetic male patient aged 60 years presents with acute onset dyspnoea, cough and pink frothy sputum to the emergency room

1A. What is the likely diagnosis based on the presenting symptoms?

1B. What are the likely aetiological possibilities?

1C. What other symptoms and signs you would like to elicit?

1D. Outline the investigations and treatment of this case.

(1+1+3+5 = 10 marks)

2. 35-year-old male presented with history of fever and cough for 3 weeks duration. He had lost 10 kilos in the last 2 months. He had exposure to multiple commercial sex workers in the past. On examination, he had oral candidiasis and multiple cervical lymph nodes. Vitals were stable. Respiratory system – suprascapular and supraclavicular region crepitations were present. Rest of systemic examination was unremarkable

2A. What is the clinical diagnosis?

2B. Outline the list of investigations.

2C. Outline treatment plan in detail

2D. Mention common side effects of the drugs used in the treatment.

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

3. Short answer questions:

3A. Discuss role of non-pharmacological measures in management of systemic hypertension

(4 marks)

3B. Note on management of a case of atrial fibrillation

(4 marks)

- 3C. Write a note on Acute Respiratory Distress Syndrome. (4 marks)
- 3D. Clinical features (symptoms & Signs) of Emphysema. (4 marks)
- 3E. Note on Investigations and their interpretation in a case of pleural effusion. (4 marks)
- 3F. Outpatient treatment outline of a Bronchial asthma case. (4 marks)
- 3G. Preventive measures in Covid -19 infection. (4 marks)
- 3H. Treatment of Vivax malaria. (4 marks)
- 3I. Enumerate various causes & clinical features of chronic kidney disease (CKD) (2+2 = 4 marks)
- 3J. Write a note on Adult Polycystic Kidney Disease (APKD). (4 marks)
- 3K. Mention FOUR important causes for hypercalcemia and write a note on initial / emergency treatment of hypercalcemia. (4 marks)
- 3L. Clinical features and treatment of scorpion bite. (4 marks)
- 3M. Write a note on Organophosphorus poisoning. (4 marks)
- 3N. Clinical features and treatment of psoriasis. (4 marks)
- 3O. Write a note on clinical features and treatment of gonorrhoea (4 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2021

SUBJECT: MEDICINE: PAPER – II (ESSAY)

Thursday, July 08, 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 answer questions:**

1. A female patient aged 55 years presents to outpatient department with history of progressive difficulty in swallowing since 3 months.

1A. Mention possible causes in this patient

1B. How do you investigate this patient?

1C. Discuss the management of achalasia of the oesophagus

(4+3+3 = 10 marks)

2. Discuss the etiology, clinical features and management of adrenocortical insufficiency

(3+3+4 = 10 marks)

3. **Short answer questions:**

3A. Treatment of iron deficiency anemia

3B. Complications of pancytopenia

3C. Erythrocyte Sedimentation Rate

3D. Non-alcoholic steatohepatitis (NASH)

3E. Causes of acute pancreatitis

3F. Clinical features (symptoms and signs) and complications of tubercular meningitis

3G. Evaluation (investigations) of first seizure in an adult

3H. Trigeminal neuralgia – clinical recognition and treatment

3I. Lifestyle measures (non-pharmacological management) in Type 2 Diabetes Mellitus

3J. What is Conns syndrome? Discuss clinical and lab features.

3K. Clinical features of Systemic Lupus Erythematosus (SLE)

3L. Examples and use of therapeutic monoclonal antibodies

3M. Write a note on common Psychological problems in elderly

3N. Write a note on emerging role of Information technology in Medicine

3O. Name FOUR first rank symptoms of acute schizophrenia and FOUR negative symptoms of chronic schizophrenia

(4 marks × 15 = 60 marks)

