

MANIPAL ACADEMY OF HIGHER EDUCATION**FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY/MARCH 2022****SUBJECT: MEDICINE: PAPER – I (ESSAY)**

(2017-18 Batch - Regular/2016-17 & Prior Batch – Repeater)

Wednesday, February 23, 2022

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:

- 1A. Discuss the criteria for the diagnosis of acute Rheumatic fever.
- 1B. Discuss the investigations and treatment of acute Rheumatic fever.

(5+5 = 10 marks)

2. A 48-year-old man presented to the emergency department with dyspnoea, slowly progressive over a period of 3 months, associated with fatigue, anorexia and significant weight loss. One week before presentation he developed night sweats. He was otherwise fit and well, with no relevant past medical or family history. On examination he was febrile, tachypnoeic (20/min) with oxygen saturations of 96% on room air, and diminished chest movements, stony dull note and absent breath sounds on Right hemi thorax. A BCG scar was present in the right deltoid area. Investigations revealed Mild leucocytosis. Raised inflammatory markers with CRP = 98mg/L, ESR = 66mm/hr.

- 2A. Discuss differential diagnosis.
- 2B. Define Lights Criteria.
- 2C. Outline the investigation plan for this patient.

(3+3+4 = 10 marks)

3. Short answer questions:

- 3A Enumerate 4 modifiable and 4 non modifiable risk factors in Coronary Artery Disease (CAD)
- 3B List common causes and complications of atrial fibrillation
- 3C Causes and treatment of ARDS
- 3D Complications of pulmonary tuberculosis
- 3E Infection control practices in COVID 19 ward

- 3F Treatment of complicated falciparum malaria
- 3G Staphylococcal toxic shock syndrome
- 3H Clinical features and treatment of shigellosis
- 3I Outline the treatment of a case of chronic kidney disease (CKD)
- 3J Clinical significance of different types of casts in the urine
- 3K Clinical and laboratory features of respiratory acidosis
- 3L Write a note on clinical features and treatment of a case of Rat poison (zinc Phosphide)
- 3M Write a note on Treatment of Viper bite
- 3N Write a note on clinical features and treatment of hypothermia
- 3O Write a note on clinical features and treatment of herpes simplex

(4 marks × 15 = 60 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – FEBRUARY/MARCH 2022

SUBJECT: MEDICINE: PAPER – II (ESSAY)
 (2017-18 Batch - Regular/2016-17 & Prior Batch – Repeater)
 Thursday, February 24, 2022

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 30 year old female presented with headache, vomiting and altered sensorium since 4 days. On examination she had neck stiffness and purulent discharge from left ear. What is the likely diagnosis? How do you investigate and treat the patient?
(10 marks)
- 2. Enumerate the types, risk factors, Investigations and Treatment of acute Leukemias.
(2+2+2+4 = 10 marks)
- 3. **Short answer questions:**
- 3A. Indications for Bone Marrow Aspiration and Biopsy
(4 marks)
- 3B. Pathophysiology and management of tropical sprue
(4 marks)
- 3C. Treatment of case of irritable bowel syndrome
(4 marks)
- 3D. Complications of acute pancreatitis
(4 marks)
- 3E. Clinical features (symptoms and signs) of acute viral hepatitis
(4 marks)
- 3F. Treatment of Guillain Barre syndrome
(4 marks)
- 3G. Treatment of Parkinson's disease
(4 marks)
- 3H. Indications for use of Insulin in practice
(4 marks)
- 3I. Clinical features of Polycystic Ovarian Syndrome and treatment
(2+2 = 4 marks)

(2+2 = 4 marks)

- 3J. Causes of hypogonadism in male (4 marks)
- 3K. Causes and complications of thyrotoxicosis (4 marks)
- 3L. Investigations in a case of osteoporosis (4 marks)
- 3M. Discuss musculoskeletal problems in elderly (4 marks)
- 3N. Write a note on impact of technology in practice of medicine (4 marks)
- 3O. Write a note on Panic disorder (4 marks)

