

MANIPAL ACADEMY OF HIGHER EDUCATION

FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2018

SUBJECT: MEDICINE: PAPER – I (ESSAY)

Monday, January 08, 2018

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions with neat diagrams wherever required.

✍ Essay questions:

1. A 35 years old man admitted with history of easy fatigability. On examination has moderate pallor, Jaundice and pigmentation on the palm and the knuckles. His laboratory investigation shows Hemoglobin 4.5gm/dL, Total leucocyte count $3.5 \times 10^3/\mu\text{L}$, Platelet count $56.0 \times 10^3/\mu\text{L}$. RBC indices reveals MCV of 112fl with LDH 1024 IU/L.

1A. What is your diagnosis?

1B. What are the risk factors for this illness?

1C. Discuss the investigations necessary to confirm your diagnosis.

1D. How do you treat this patient?

(1+2+4+3 = 10 marks)

2. What are risk factors for Ischemic heart disease? How do you investigate and treat chronic stable angina? Write the complications of acute myocardial infarction.

(2+5+3 = 10 marks)

3. Write short notes on:

3A. Write the etiology and treatment of community acquired pneumonia

3B. Metabolic abnormalities in chronic renal failure

3C. Clinical features of right sided hydropneumothorax

3D. Causes of Nephrotic syndrome

3E. Respiratory failure

3F. HAART Therapy

3G. Duke's criteria

3H. How do you investigate and treat SIADH

3I. Causes and clinical features of urinary tract infection

3J. Treatment of status asthmatics

3K. Travelers diarrhea

3L. Paroxysmal nocturnal dyspnea

3M. Post exposure prophylaxis for HIV

3N. Clinical features of dengue shock syndrome

3O. Hematological features and treatment of Chronic myeloid leukemia

(4 marks \times 15 = 60 marks)



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Tuesday, January 09, 2018

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL questions with neat diagrams wherever required.**

✍ **Essay questions:**

1. A 30 years old male with history of diarrhea 2 weeks ago, presents with acute onset paraparesis of 3 days duration, with occasional tingling and numbness in the legs.

1A. What is the likely diagnosis? (1)

1B. Discuss the clinical features and the complications of the diagnosis. (5)

1C. Add a note on the management of the above condition. (3)

(2+5+3 = 10 marks)

2. Discuss the clinical features, complications and management of hepatic encephalopathy. Add a note on the precipitating factors for hepatic encephalopathy. (1)

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

3. **Write short answers on:**

3A. Gliptins (1)

3B. Hepatitis B prevention (1)

3C. Paracetamol poisoning

3D. Non biological DMARDs in rheumatoid arthritis with dose and side effects

3E. Panic attacks

3F. Steven Johnson syndrome

3G. Frequent falls in the elderly

3H. Bell's palsy (1)

3I. Clinical presentations of chronic calcific pancreatitis

3J. Viper bite

3K. Diagnostic criteria for Diabetes mellitus (1)

3L. Adverse effects of corticosteroids

3M. Thyrotoxic crisis

3N. Indications for insulin in diabetes mellitus (1)

3O. Hypothermia

(4 marks × 15 = 60 marks)

