

# MANIPAL UNIVERSITY

## FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2017

### SUBJECT: MEDICINE: PAPER – I (ESSAY)

Monday, January 09, 2017

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

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

✍ **Essay questions:**

1. Classify shock. Mention the clinical features and management of septic shock.  
(2+4+4 = 10 marks)
2. A 56 year old lady is brought with severe anemia. Discuss the clinical features and investigations that would help in making a diagnosis. Add a note on treatment of megaloblastic anemia.  
(4+3+3 = 10 marks)
3. **Write short notes on:**
  - 3A. Write a prescription for uncomplicated falciparum malaria.
  - 3B. What are the risk factors and treatment of tenia corporis?
  - 3C. Define these terms: preload, afterload, hypoxia, hypercarbia.
  - 3D. What is the treatment of acute severe asthma?
  - 3E. Enumerate the investigations for metabolic encephalopathy with one etiology of each.
  - 3F. Enumerate four drugs used in the treatment of cardiac failure, mentioning the dosage and 1 side effect for each.
  - 3G. What are the non-metastatic manifestations of bronchogenic carcinoma?
  - 3H. What are the organisms causing acute gastroenteritis? Mention the treatment for each.
  - 3I. What are the causes of eosinophilia, and how is tropical pulmonary eosinophilia treated?
  - 3J. What are the clinical features and complications of dengue fever? How will you investigate a 29 year old man with suspected dengue fever?
  - 3K. What are the causes and complications of atrial fibrillation?
  - 3L. What are the infections common in a HIV positive patient with CD4 of 56 cells/cumm? How will you prevent these infections in him?
  - 3M. Mention the investigations which distinguish between acute and chronic renal failure.
  - 3N. Mention four antihypertensive drugs with correct dosage and 1 side effect each.
  - 3O. What are the causes of proteinuria and what drugs are used to decrease proteinuria?

(4 marks × 15 = 60 marks)



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Tuesday, January 10, 2017

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **Answer ALL the questions.**

✍ **Essay questions:**

1. 45 year old chronic alcoholic is admitted with history of fever and altered sensorium for 2 days. Clinical examination shows deep jaundice, pallor flapping tremors and moderate ascites with guarding.

1A. What is the probable diagnosis?

1B. What other clinical symptoms and signs you elicit to arrive at clinical diagnosis?

1C. How do you manage this patient?

1D. List all other complications patient can develop.

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

2A. Define Addison's disease.

2B. Enumerate various causes of Addison's disease.

2C. Discuss clinical features of Addison's disease.

2D. How do you manage case of Addison's disease?

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

3. **Write short notes on:**

3A. Treatment of status epilepticus

3B. Clinical features of Wallenberg's syndrome

3C. Causes of ptosis

3D. Medical management of Parkinson's disease

3E. Water deprivation test

3F. Insulin dosing regimes

3G. Myxedema coma management

3H. Clinical features of psoriasis vulgaris

3I. Indications for Endoscopic retrograde cholangiopancreatography (ERCP)

3J. Diagnosis of coeliac disease

3K. Complications of acute pancreatitis

3L. Biologicals in Rheumatoid arthritis

3M. Diagnostic criterion for Systemic lupus erythematosus

3N. Cobra bite- clinical features and management

3O. Obsessive compulsive disorder- clinical features and management

(4 marks × 15 = 60 marks)

