

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – II DEGREE EXAMINATION – JULY 2019
SUBJECT: MEDICINE: PAPER – I (ESSAY)

Tuesday, July 02, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Essay questions:

1. 65 year old male is admitted for evaluation of irregular palpitations of recent onset. On examination he has irregularly irregular pulse of 123 per minute. Cardiovascular examination shows varying intensity of 1st heart sound and no murmur. Other systems are normal
- 1A. What is the likely arrhythmia patient is suffering from? And give one differential diagnosis and mention all causes of this arrhythmia.
- 1B. How do you evaluate this patient for arrhythmia?
- 1C. Discuss the management of this case.

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

2. Define respiratory failure? Discuss causes, pathophysiology and management of different types of respiratory failure?

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

3. Write short notes on:

- 3A. Treatment of visceral leishmaniasis
- 3B. Indications for starting ART in HIV infection
- 3C. Clinical features of amebic liver abscess
- 3D. Causes of pancytopenia
- 3E. Immunological complications related to blood/blood products transfusion
- 3F. Current Treatment of multiple myeloma in 50 year old male
- 3G. Causes of end stage renal failure (ESRD)
- 3H. Complications of nephrotic syndrome
- 3I. Diagnosis of SIADH
- 3J. ECG changes in Hyperkalemia
- 3K. Emergency treatment of malignant hypertension
- 3L. Changes in Plasma cardiac biomarkers in acute myocardial infarction
- 3M. Management of tension pneumothorax
- 3N. Clinical manifestations of Cryptic tuberculosis
- 3O. Clinical signs in suppurative pneumonia

(4 marks × 15 = 60 marks)



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Wednesday, July 03, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer ALL questions with neat diagrams wherever required.

✍ Essay questions:

1. 35 male presented with history of headache and fever since 5 days. On examination patient is drowsy and has neck stiffness. Mention possible diagnosis. Outline etiology, clinical features, investigations and management of above diagnosis.

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

2. Outline etiology, clinical features, investigation and management of Graves disease.

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

3. **Short Notes**

3A. Clinical features of depression

3B. Complications of organophosphorus poisoning

3C. Etiology of acute pancreatitis

3D. Metformin

3E. Management of migraine

3F. Dual energy Xray absorptiometry (DEXA) scan

3G. Alcoholic hepatitis

3H. Diagnostic criteria of systemic lupus erythematosus (SLE)

3I. Risk factors for falls in elderly

3J. Acute esophageal varicial bleeding

3K. Mention four causes of stroke in young

3L. Urticaria

3M. Clinical features of congenital syphilis

3N. Management of H.pyori infection

3O. Disease modifying antirheumatic drugs (DMARDs)

(4 marks × 15 = 60 marks)

