

**MANIPAL UNIVERSITY****FINAL MBBS PART – II DEGREE EXAMINATION – JANUARY 2010****SUBJECT: MEDICINE: PAPER – I (ESSAY)**

Tuesday, January 12, 2010

Time: 10:15 – 13:00 Hrs.

Maximum Marks: 48

1. A 50-year-old man presents with severe retrosternal chest pain of 2 hrs duration. On examination he is profusely sweating, has tachycardia, blood pressure of 100/70 mm of Hg. and a gallop rhythm.

1A. Mention two differential diagnosis.

1B. Mention two investigations which will aid in the diagnosis with explanations for the same.

1C. Mention principles of treatment of above two differential diagnosis.

(2+4+6 = 12 marks)

2. A 65 years old male, chronic smoker presents with hoarseness of voice, cough with blood stained sputum of 1-month duration. His examination reveals a right scalene lymph node, distended neck veins and grade III clubbing. Respiratory system examination reveals tracheal shift to right side, flattening of right infraclavicular area with absent breath sounds.

2A. Mention the complete clinical diagnosis.

2B. Explain his symptoms and signs based on his pathology.

2C. How to confirm the diagnosis? Also mention the treatment of this patient in brief.

(2+4+6 = 12 marks)

**Health Sciences Library****3. Write short answers.**

3A. 18-year-old male patient presents with h/o smoky urine of 1 week duration. He had a skin ulcer 2 weeks before it. Mention the most probable diagnosis with reasons. Mention two investigations and two complications of this condition.

3B. A patient of pneumonia became drowsy while being treated. His serum sodium was 110 m.eq/l and urine spot sodium 30 m.eq/l. Mention the most probable cause of his electrolyte abnormality. How to treat this electrolyte disorder?

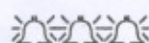
3C. Describe the actions of heparin and coumadin with examples of potential use.

3D. Mention the cause of painless genital sores with inguinal lymph node in a young man. How to treat this condition?

3E. Describe the life cycle of strongyloides stercoralis and mention its treatment.

3F. Mention investigations to be carried out in all newly diagnosed hypertensive patients with reasons for the same.

(4×6 = 24 marks)



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✍ **Long questions:**

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1. Define Cirrhosis of liver, Etiology, Pathogenesis, Clinical features with a note on treatment of hepatic encephalopathy.

(1+2+2+4+3 = 12 marks)

2. Define Addisons Disease. Describe etiology, clinical features, treatment of same, with a note on H.P.A Axis.

(2+2+3+2+3 = 12 marks)

✍ **Write Short Notes on:**

- 3A. Status Epilepticus.  
3B. Norwegian Scabies.  
3C. Guillian barre Syndrome.  
3D. Organo Phosphorous Poisoning with treatment.  
3E. Treatment of Endogenous Depression.  
3F. Clinical Features of SLE.

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(4×6 = 24 marks)

