GENERAL MEDICINE

PAPER- I

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. Define hepato-renal syndrome. Describe its pathogenesis, diagnostic criteria and treatment modalities. 1+3+3+3

2. Describe clinical presentation, diagnosis and treatment of a patient with hypertensive encephalopathy. 2+3+5

3. Enumerate thrombolytic agents. Describe their indications, contraindications and complications in acute myocardial infarction. 2+2+2+4

4. Describe clinical features, diagnosis and treatment of herpes simplex viral encephalitis. 2+3+5

5. Describe causes, evaluation and treatment of a patient with massive haemoptysis. 2+3+5

6. What is Immune Reconstitution Inflammatory Syndrome? Discuss its pathogenesis, diagnosis and treatment. 1+2+3+4

7. Classify tumour markers and describe their role in various medical conditions. 4+6

8. Enumerate causes of hypercalcemia. Describe the clinical presentation and management of a patient with severe hypercalcemia. 2+2+6

9. Describe the clinical presentation, etiopathogenesis and management of hypokalemic periodic paralysis. 3+3+4

10. Briefly discuss thyroid function tests. Discuss Sick Euthyroid Syndrome. 5+5

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POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.
1. Describe the clinical features, diagnostic evaluation and management of a patient with organophosphorous poisoning.  
2. Describe the etiology, diagnosis and management of a patient with atypical pneumonia.  
3. What are Gliptins? Describe their mechanism of action and specific indications of usage.  
6. Describe diagnostic evaluation, clinical features and management of a patient with a malabsorption syndrome.  
7. Describe etiology, clinical presentation and management of cerebral venous thrombosis.  
8. Describe clinical features, investigations and management of multiple myeloma.  
9. Describe the clinical presentation, diagnostic evaluation and management of 'Dengue fever'.  
GENERAL MEDICINE

PAPER- III

Attempt all questions in order.
Each question carries 10 marks.

1. Enumerate causes of acute renal failure. Describe the management and preventive guidelines in such a patient. 3+5+2

2. Describe the etiopathogenesis, clinical presentation and management of Hepatitis C infection. 2+3+5

3. Describe diagnostic evaluation of a patient with adrenal insufficiency. Discuss the management of adrenal crisis. 5+5

4. Classify cyanotic congenital heart diseases. Describe the clinical features and management of Fallot's tetralogy. 2+4+4

5. Define spontaneous bacterial peritonitis. Describe its etiopathogenesis, clinical features and management. 1+2+3+4

6. What are the diagnostic criteria for depression? Briefly describe the principles of management. 3+7

7. Describe the principle and clinical uses of stress test. Differentiate between stress echocardiography and stress thallium. 2+3+5

8. Describe the indications and complications of mechanical ventilation. 4+6

9. Describe the clinical presentation, diagnostic evaluation and management of right ventricular myocardial infarction. 3+3+4

10. Describe the skin manifestation of internal malignancies. Discuss its prognostic value. 5+5

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1. Describe the nerve supply of urinary bladder and discuss the physiologic basis of automatic bladder.

2. Enumerate parasitic infestations of central nervous system. Describe the diagnosis and management of neurocysticercosis.

3. Describe various diagnostic tools for detection of pulmonary and extrapulmonary tuberculosis.

4. Classify dyslipidaemias and describe various management strategies.

5. Discuss vitamin B₁₂ absorption and consequences of its deficiency.

6. Discuss the role of Renin-Angiotensin-Aldosterone axis in the pathogenesis of essential hypertension. Discuss direct renin inhibitors.


8. Define febrile neutropenia. Describe its etiopathogenesis, diagnostic evaluation and management.

9. Describe pathophysiology, diagnostic evaluation and management of primary pulmonary hypertension.

10. Define evidence based medicine. Describe the key processes and mention the currently available tools.