PART A

1. Define hypercalcemia. Discuss the etiology, clinical manifestations and management of hypercalcemia. 1+3+3+3

2. Discuss the clinical manifestations of Helicobacter pylori infestation, its diagnosis and recommended treatment regimen. 2+4+4

3. Discuss the clinical features and management of viperine snake bite. 5+5

4. Describe the role of inflammatory mediators in bronchial asthma. Discuss the management of acute severe asthma. 5+5

5. What is malabsorption syndrome? Discuss the clinical manifestation of Vitamin B₁₂ deficiency and its treatment. 4+(3+3)
6. What is Systemic Inflammatory Response Syndrome (SIRS)? Discuss the complications and management of severe sepsis. 3+(3+4)

7. Define dementia. Discuss the causes of reversible dementia. Describe the management of Alzheimer’s disease. 2+4+4

8. Define metabolic syndrome. Discuss the etiology and management of metabolic syndrome. 2+(4+4)

9. Define acute kidney injury. Discuss the etiology and management of acute tubular necrosis. 2+(4+4)

10. Discuss the pathophysiology of supra ventricular tachycardia. Describe the management of Paroxysmal Supraventricular Tachycardia (PSVT). 5+5

**********************
GENERAL MEDICINE
PAPER -II

Time : 3 hours
Max. Marks : 100

IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
- Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
- Answer sheet(s) of Part ‘A’ and Part ‘B’ are not be tagged together.
- Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

PART A

1. Discuss the etiology, management and complications of community acquired pneumonia. 3+4+3

2. Discuss the causes of Upper Gastrointestinal (UGI) bleeding. Describe the management of variceal UGI bleed. 5+5

3. Discuss the risk factors, clinical features, diagnosis and management of cortical venous thrombosis. 2+3+3+2

4. Enumerate the causes of fever with jaundice. Discuss the clinical features and management of leptospirosis. 4+(2+4)

5. Discuss the causes of chronic meningitis. Describe the management and complications of tubercular meningitis. 3+(3+4)

P.T.O
GENERAL MEDICINE
PAPER –II

Please read carefully the important instructions mentioned on Page ‘1’

PART B

6. Discuss the risk factors, diagnosis and management of osteoporosis. 3+3+4

7. Discuss the etiopathogenesis, clinical features and management of ankylosing spondylitis. 3+4+3

8. Discuss the etiopathogenesis of anemia of chronic kidney disease and outline its management. 5+5

9. Discuss the etiology, clinical features and management of Immune Thrombocytopenic Purpura (ITP) 3+3+4

10. Discuss the epidemiology of influenza virus infection, risk factors for complications and treatment in adults. 3+3+4

*******************************
IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.
- Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.
- Answer sheet(s) of Part 'A' and Part 'B' are not be tagged together.
- Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

PART A

1. Discuss the etiology, diagnosis and management of peripheral arterial disease. 2+4+4

2. Discuss the etiology and clinical manifestations of hyperprolactinemia. Describe the management of prolactinoma of the pituitary. (3+3)+4

3. Discuss the clinical manifestations, diagnosis and management of multiple myeloma. 4+3+3

4. Discuss the etiology, clinical features, diagnosis and management of Immune Reactivation Inflammatory Syndrome (IRIS) in HIV infection. 2+3+3+2

5. Discuss the clinical manifestations, diagnosis and management of sarcoidosis. 3+4+3

P.T.O
Please read carefully the important instructions mentioned on Page '1'

PART B

6. Discuss the etiology, clinical features and diagnostic evaluation of urinary tract infection.  3+3+4

7. Describe the clinical features, diagnosis and management of chronic hepatitis C infection.  3+3+4

8. Discuss the clinical features, diagnosis and management of multiple sclerosis.  4+3+3

9. Describe the clinical manifestations, diagnosis and complications of enteric fever.  3+3+4

10. Discuss the indications for Long Term Oxygen Therapy (LTOT). Describe the modalities of delivery and monitoring of patients receiving LTOT.  4+(3+3)

********************

2/2
IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
- Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
- Answer sheet(s) of Part ‘A’ and Part ‘B’ are not be tagged together.
- Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

PART A

1. Classify antiretroviral drugs. Discuss the indications of antiretroviral treatment (ART) and monitoring of patients on ART. 4+(3+3)

2. What are nucleic acid based tests? Discuss the advantages and disadvantages of cartridge based nucleic acid tests in the diagnosis of tuberculosis. 2+(4+4)

3. Describe the metabolism of hemoglobin in the body. Discuss the clinical features of hemolytic anemias. 5+5

4. Describe a case control study. What are the advantages and disadvantages of case control studies? 4+(3+3)

5. Describe the role of resident bacterial flora in the human body. Discuss the indications of use of probiotics. 5+5
GENERAL MEDICINE
PAPER – IV

Please read carefully the important instructions mentioned on Page ‘1’

PART B

6. Describe the mechanisms of anti-microbial drug resistance. Discuss the clinical implications of anti-microbial drug resistance. 6+4

7. Define standard work precautions. Describe the role of personal protective equipment and hand washing in daily practice. 2+(4+4)

8. What is post exposure prophylaxis? Discuss the role of post exposure prophylaxis in relation to any two infections. 2+4+4

9. What is Anion Gap? Describe the causes of metabolic acidosis and role of anion gap in metabolic acidosis. 3+(4+3)

10. What is Total Parenteral Nutrition. Discuss the indications and complications of Total Parenteral Nutrition. 2+(4+4)

******************************************************************************