



**Jaya College of Paramedical Sciences
College of Pharmacy
Thiruninravur**

IV PHARM D

PHARMACOTHERAPEUTICS – III (THEORY)

2018 – 2019

PHARMACOTHERAPEUTICS III

Prof. S. Vedha, M.Pharm,
Professor, Department of Pharmacy practice



CHAPTERWISE IMPORTANT QUESTIONS

I. GASTROINTESTINAL SYSTEM

A. BRIEF ANSWERS

1. Pathogenesis and pharmacotherapy of Gastro esophageal reflux disease.
2. Discuss about etiopathogenesis, various types, treatment objective and Pharmacotherapy of Hepatitis.
3. Write the pathophysiology and pharmacotherapy of viral hepatitis including Jaundice.
4. Write in detail about gastro oesophageal reflux disease.
5. Write about the types of Inflammatory bowel disease and its management.
6. Discuss about etiopathogenesis and management of Jaundice.
7. Discuss the pathogenesis and treatment of Alcoholic liver disease.
8. Drug induced hepato cellular necrosis and cirrhosis
9. Define Peptic Ulcers. Write etiology, pathophysiology and management of Peptic Ulcers.
10. Discuss about etiopathogenesis, various types, treatment objective and pharmacotherapy of Hepatitis.
11. Describe the pathophysiology, clinical manifestations and pharmacotherapy of viral hepatitis including jaundice.
12. Describe the pathophysiology, clinical manifestations and pharmacotherapy of peptic ulcer disease.
13. Discuss about etiopathogenesis, clinical manifestations and pharmacotherapy of Peptic ulcer disease.
14. Alcoholic liver disease and its management.
15. Drug induced hepatic diseases.
16. Various drugs used in Chron's disease management.
17. Write a note on clinical signs and symptoms and investigations involved in diagnosis of peptic ulcer disease.
18. a) Discuss in detail the pathogenesis of peptic ulcer disease.
b) Give an account on clinical signs and symptoms and investigations involved in diagnosis of peptic ulcer disease.



c) Brief on the complication and treatment aspects related to peptic ulcer.

B. SHORT ANSWERS

1. Write the Drugs used in the treatment of inflammatory bowel disease.
2. Discuss the pathogenesis and treatment of alcoholic liver disease.
3. Etiopathogenesis and management of Hepatitis A & B.
4. Write about Inflammatory Bowel disease and write its management.
5. Risk factors and pathophysiology of venous thrombo embolism.
6. Pharmacological and life style management Gastroesophageal reflux disease.
7. Write short note on the management of inflammatory bowel disease.
8. Write note on venous thromboembolism.
9. Write about jaundice.
10. Drug induced Liver disorders.
11. Etiopathogenesis of various types of jaundice.
12. Types of clinical presentations of inflammatory bowel disease.
13. Pharmacotherapy of peptic ulcer.
14. Inflammatory bowel disease.
15. Write note on peptic ulcer disease.
16. Viral hepatitis and its management.
17. Discuss the pathogenesis and treatment of alcoholic liver disease.
18. Write note on the management of viral hepatitis.
19. Classify the types of Hepatitis. Discuss the pathogenesis & treatment of viral hepatitis.
20. Pharmacological and life style management gastro esophageal reflux disease.
21. Drug regimens for the eradication of H.Pylori infection.
22. Peptic ulcer disease.
23. Patterns of drug induced liver disease.
24. Pharmacotherapy of Jaundices.
25. Gastro Esophageal Reflux disease.
26. Classes of drugs used in Peptic ulcer disease.



27. Pathophysiology and risk factors of inflammatory bowel disease.

II. Hematological system

A. BRIEF ANSWERS

1. Write about the Management of Drug induced blood disorders.
2. Write in detail about the types of anaemia's.
3. Discuss about etiopathogenesis, diagnosis, types, treatment objective and pharmacotherapy of Anaemias.
4. Pathophysiology of iron deficiency and sideroblastic anemia
5. Etiology of various types of anemia and treatment of megaloblastic anemia.
6. Explain about various types of Anaemia. Add notes on management of Vit. B₁₂ deficiency Anaemia.
7. Discuss about various types of Anaemia and treatment of sickle cell Anaemia.
8. a) Describe the aetiology and clinical manifestations of Venous thromboembolism.
b) Add a note on treatment of Thromboembolism.

B. SHORT ANSWERS

1. Explain the Pathophysiology of iron deficiency and sideroblastic anemia
2. Drug induced Blood disorders.
3. Drug induced anemias.
4. Management of venous thromboembolism.
5. Pathophysiology and treatment of venous thromboembolism.
6. Etiopathophysiology of macrocytic anaemia.
7. Classification systems for anemias.
8. Types of anaemias and its management.
9. Stoke and its management.
10. Enumerate on drug induced Hemolytic anaemia.
11. Heparins and Heparinoid.



III. NERVOUS SYSTEM

A. BRIEF ANSWERS

1. Discuss about pathophysiology, clinical manifestations and pharmacotherapy of Stroke.
2. Write pharmacotherapy of Epilepsy. Add notes on Etiology, clinical manifestation and pathophysiology of Epilepsy.
3. Write in detail about Epilepsy, types of Epilepsy and its management.
4. Pathogenesis and clinical management of Alzheimer's disease.
5. Discuss about pathophysiology, diagnosis, objective of the treatment and pharmacotherapy of Parkinson's disease.
6. Discuss about pathophysiology, diagnosis, objective of the treatment and pharmacotherapy of Parkinson's disease.
7. Describe the pathophysiology, clinical manifestations, neurochemical basis and pharmacotherapy of parkinsonism.
8. Explain Schizophrenia. Give the pharmacotherapy plan for 20 years old male patient affected with severe schizophrenia.
9. Pathogenesis and pharmacotherapy Parkinson's disease.
10. Give an account of the definition and classification of seizures, their characteristics and drugs employed in management. Add a note on the guidelines applicable for effective drug control to epilepsy.
11. International classification of epileptic seizures and drug of choice for various types of seizures.
12. Give an account of the definition and classification and seizures, their characteristics and drugs employed in management.
13. Discuss about pathophysiology, various types, objective of the treatment and pharmacotherapy of epilepsy.
14. Drug therapy of status epilepticus.

B. SHORT ANSWERS

1. Complications of seizure disorder and its management.
2. Opioid poisoning and its treatment.



3. Management of Parkinson's disease.
4. Epilepsy and its management.
5. Drug therapy of sleep disorders.
6. Drugs used for the treatment of alzheimer's disease.
7. Write about antiepileptic drugs and its side effects.
8. Management of ischemic stroke.
9. Drugs for anxiety disorders.
10. Alzheimer's disease.
11. Drugs used for the treatment of Alzheimer's disease.
12. Affective disorders and its management
13. Salicylate poisoning and its treatment.
14. Management of stroke.
15. Discuss etiology, clinical manifestations and treatment of Insomnia.
16. Prevention and management of stroke.
17. Write in short about Ischaemic stroke.
18. Clinical symptoms of stroke. Explain the management of stroke.

IV. PSYCHATRY

A. BRIEF ANSWERS:

1. Write about schizophrenia and explain in detail about its management.
2. Elaborate on Anxiety disorder and explain its management.

B. SHORT ANSWERS

1. Explain the Treatment algorithm for bipolar disorder.
2. Classes of antipsychotic drugs.
3. Types of anxiety disorder.
4. What is Affective disorder? Management of Affective disorder.
5. Pharmacotherapy of major depression
6. Discuss about etiology and treatment of sleep disorders.
7. Extrapyramidal side effects induced by antipsychotic drugs.



8. Pharmacotherapy of anxiety disorder.
9. Discuss the different types and treatment of schizophrenia.
10. Drugs for anxiety disorders.
11. Types of Pain.
12. Discuss etiology, clinical manifestations and treatment of Insomnia.
13. Pharmacotherapy of anxiety disorder.
14. Pharmacotherapy of obsessive compulsive disorders.
15. Explain Narcolepsy. Pharmacotherapy for narcolepsy.
16. Theories on pathogenesis of Schizophrenia.
17. Discuss about the management of generalized anxiety disorder.
18. Pathophysiology and treatment of anxiety disorders.
19. Classification of antiepileptic drugs.
20. Pharmacotherapy of schizophrenia.
21. Major adverse effects of opioid analgesics.
22. Management of schizophrenic symptoms.
23. Write note on antipsychotic medication used in the treatment of Schizophrenia.
24. Write a pathophysiology and treatment of Parkinson's disease.
25. Discuss the different types of Schizophrenia
26. Management of seizure disorder during pregnancy
27. Theories on pathogenesis of schizophrenia

V. PAIN MANAGEMENT

A. BRIEF ANSWERS

1. Pathophysiology of migraine headache and acute migraine therapies.
2. Pain pathways and Pharmacological management of acute and chronic pain
3. Explain various types of neuralgias and its management.
4. Write about Neuralgias.
5. Pain pathways and Pharmacological management of Acute and Chronic Pain.

B. SHORT ANSWERS



1. What is cluster headache write its management?
2. Pharmacotherapy of Sleep disorder.
3. What is migraine? Add notes on management of Migraine.
4. Write note on pain pathways.
5. Management of Headaches
6. Note on headaches.
7. Management of neuralgias.
8. Write short note on pain management.
9. Pain management and Pain pathways.
10. Types of neuralgias and its management.

VI. EVIDENCE BASED MEDICINE

A. BRIEF ANSWERS

1. Discuss about the steps involved in collecting the evidence in evidence based medicine.

B. SHORT ANSWERS

1. Write the Role of Pharmacist in evidence based medicine.
2. Aims and need of evidence based medicine.
3. Evidence based medicine.
4. Explain level of trust involved in the evidence based medicine preparation.
5. Significance of evidence based medicine.
6. What is evidence based medicines give examples.