

**MODEL PAPER**  
**2<sup>nd</sup> Year Examination, June-2025**

**Program: D.Pharm**  
**Year: 2<sup>nd</sup> Year**  
**Course: Pharmacotherapeutics**  
**Course Code: ER20-24T**

**Section- II from all the units**

**Section: II (3 Marks question)**

**Unit-I**

1. Define Hypertension & its risk factors.
2. What are the components & objective of the EBM?
3. Write down the types of Angina Pectoris?
4. Describe the pathophysiology of heart failure.
5. Differentiate between Eczema and Psoriasis.

**Unit-II**

6. Give the Pharmacological Treatment for Emphysema with suitable example.
7. Write down the pharmacological treatment of tuberculosis (TB).
8. Write about the stages of Iron deficiency Anemia.
9. Differentiate between Crohn's disease & Ulcerative Colitis.
10. What are the types of urinary tract infections (UTIs)?

**Unit-III**

11. Write the Causative agent & Pathophysiology of Syphilis
12. Write down the pathophysiology of Dysmenorrhea.
13. Define the following:
  - (a) Vitiligo
  - (b) Lichen Planus
  - (c) Urticaria
14. What are the types of Stroke?
15. What is Anti-Microbial resistance? Name two causes of Anti-Microbial resistance.

## **Unit-IV**

16. Define Asthma. What triggers Asthma attacks?
17. Write short note on clinical manifestation & diagnosis of GERD.
18. Enlist the clinical manifestation of PMS.
19. Write down the factors contributing in Antimicrobial resistance.
20. Write a brief note on PCOD.

## **Section- III from all the units**

### **Section: III (5 Marks question)**

#### **Unit-I**

1. Discuss the different types of therapy included in Pharmacotherapeutics.
2. Describe RAAS Mechanism.
3. What is COPD? Mention its causes. Name two bronchodilators used in COPD.
4. Explain the Pharmacotherapeutics of Glaucoma.
5. Describe Parkinson's disease.

#### **Unit-II**

6. Explain the stages of liver damage in ALD?
7. Explain SARS.
8. Describe any of the Hematological Disorders.
9. Elaborate the mode of transmission, pathophysiology & treatment of Gonorrhoea.
10. Write a detail account on Psychosis.

#### **Unit-III**

11. Explain pathophysiology, risk factors, symptoms and management of Glaucoma.
12. Classify Antimicrobials On the basis of their site of action with neat diagram.
13. Describe Angina Pectoris.
14. Explain the types, symptoms & Pharmacological treatment for Depression?
15. Explain different stages of knee osteoarthritis with help of diagram.

#### **Unit-IV**

16. Describe Type-1 Diabetes Mellitus?
17. Discuss any of the infectious disease.
18. Explain in detail about Epilepsy.

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**Disclaimer:** - This is a Model Paper. The Question in End semester examination will differ from the Model Paper. This Model paper is meant for practice only.