

Second Year Pharmacy  
PHARMACOTHERAPEUTICS  
(ER20-24T)

Time : Three Hours

Maximum Marks : 80

- Note : i) Attempt any five questions out of eight.  
ii) Each question carry equal marks.

1. a) Define Evidence Based Medicines. Write the steps involved in Evidence Based Medicines. 8  
b) Explain Standard Treatment Guidelines (STG). Write the advantages of STG to patients and Health Care Workers. 8
2. a) Write the etiopathogenesis and symptoms of Hypertension or Congestive heart failure. 8  
b) Write the pharmacological treatment of COPD. 8
3. a) Write the etiopathogenesis and risk factors for type 2 diabetes. 8  
b) Write a note on Hypothyroidism disorders. 8
4. Write a note on any two. 8+8  
a) Migraine  
b) Epilepsy  
c) Parkinson's disease  
d) Alzheimer's disease
5. a) Explain Antimicrobial resistance with examples. Discuss the mechanism of Antimicrobial resistance. 8  
b) Describe the causes and pharmacological treatment of GERD or Peptic Ulcer disease. 8

6. a) Discuss the pathophysiology of megaloblastic Anemia. 8  
b) Write the diagnostic tests for the following. (any two) 8  
i) Tuberculosis  
ii) Pneumonia  
iii) Urinary tract infection
7. a) Discuss the life-cycle of Malarial parasite. 8  
b) Write the signs and symptoms of Immuno-Suppression. 8
8. Write notes on (any two) 8+8  
a) Osteoarthritis  
b) Psoriasis  
c) Conjunctivitis  
d) Depression

