

Second Year Pharm D Degree Examinations - October 2012

Pharmacotherapeutics-1**Time: 3 Hours****Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay**(2x10=20)**

1. Explain in detail about the pathophysiology, clinical manifestations and treatment of diabetes mellitus.
2. Define congestive heart failure. Discuss its types and the role of digitalis in the treatment.

Short notes**(10x3=30)**

3. Discuss the methods of administration of estrogen and progesterone.
4. Define angina pectoris and illustrate the types of angina.
5. Peak respiratory flow rate.
6. Discuss the parameters measured in spirometry.
7. Diagnostic procedures and clinical manifestations of arrhythmia.
8. Importance of rational drug therapy.
9. Define hyperlipidemia and explain its management.
10. Discuss the etiology and pathophysiology of chronic bronchitis.
11. Hormone replacement therapy.
12. Discuss the non-pharmacological therapy for hypertension.

Answer briefly**(10x2=20)**

13. Clinical manifestations for angina.
14. Define Torsade De Pointes with examples.
15. Mention some of the nitrate preparations with their doses and route of administration.
16. Name the diuretics commonly used in the management of CHF.
17. Classify the types of myocardial infarction.
18. Mention the pharmacokinetic factors influencing drug selection in geriatric patients
19. List the therapy for conjunctivitis.
20. Define thyrotoxic crisis and its clinical presentation.
21. Mention the adverse effects of insulin therapy.
22. Role of beta-2 agonists in the management of asthma.