



# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year Pharm-D Degree Examination – NOV 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PHARMACOTHERAPEUTICS I

**Q.P. CODE: 2867**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

### LONG ESSAYS (Answer any two)

**2 x 10 = 20 Marks**

1. Discuss the clinical manifestations, etiology, pathogenesis and pharmacotherapy associated with congestive cardiac failure.
2. Describe clinical features, diagnosis and pharmacotherapy of type II DM.
3. Explain the role of a pharmacist in essential drug concept and rational drug use.

### SHORT ESSAYS (Answer any six)

**6 x 5 = 30 Marks**

4. Explain the different types of Angina pectoris.
5. Explain Nitrate tolerance. How it can be prevented?
6. Explain different type of Arrhythmias.
7. Write the treatment goals, common therapeutic problems and therapeutic options of each stage of COPD.
8. Explain the pathogenesis and treatment of glaucoma.
9. Explain the pathogenesis and treatment of Hyperthyroidism.
10. Explain in detail pulmonary function tests.
11. Explain the therapeutic management of type 1 diabetes mellitus.

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Define malignant hypertension and its treatment.
13. Diagnosis for Angina pectoris.
14. Risk factors for congestive cardiac failure.
15. Differences between bronchitis and emphysema.
16. Advantages of inhaler medications in asthma over other route of administration.
17. Enumerate adverse effects of ACE inhibitors.
18. Write the dosage regimen for any two Statins with their adverse effects.
19. Dosing schedule and adverse effects for theophylline.
20. What is Diabetic Neuropathy?
21. What is the significance of test for Creatine Kinase?

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