

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year Pharma-D (Post Baccalaureate) Examination - Sep 2012

**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. Explain the Pathophysiology and discuss the management of hypertension
2. Explain the various insulin preparation in terms of onset of action, peak effect and duration of action and explain the management of diabetic ketoacidosis and neuropathy
3. Describe the role of antibiotics and anti cholinergics in Chronic Obstructive Pulmonary Diseases and discuss the management of acute severe Asthma

### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Explain the management of hyperlipidemia
5. Explain the principles of oral contraception
6. Explain the treatment algorithm for acute Myocardial infarction
7. Explain any two mechanisms of drug induced pulmonary disorders
8. Explain the differences between type I and type II diabetes mellitus
9. Explain the treatment modalities of hypothyroidism
10. Explain the role of inotropic agents in the treatment of congestive heart failure
11. Define rational drug use and explain the role of pharmacist in rational drug use

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Enumerate the adverse effects of sulphonyl ureas
13. Explain the thyroxine administration in pregnancy
14. Explain the role of hormone replacement therapy
15. Write the dosage regimen of any two statins with their adverse effects
16. Define the pregnancy categories of drugs
17. What is the dosing schedule and adverse effects of theophylline?
18. Explain the general prescribing guidelines for paediatric patients
19. Enlist the major adverse effects of oral contraceptives
20. Enlist the 2 drugs used for treating conjunctivitis with their adverse effects
21. Enlist the drugs used for treating osteoporosis with their dose and adverse effects

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