

# Rajiv Gandhi University of Health Sciences, Karnataka

Second Year Pharma- D Degree Examination – Feb/March 2011

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PHARMACOLOGY - I

### **Q.P. CODE: 2859**

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. Describe different mechanisms of drug action
2. What are antihypertensive agents? Classify them with examples. Explain the mechanism of action and therapeutic uses of ACE inhibitors
3. Classify diuretics; describe the mechanism of action, uses and adverse effects of furosemide and spironolactone.

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

**6 x 5 = 30 Marks**

4. Write a note on general anesthetics
5. Receptor antagonists
6. Write a note on alcohol
7. Biotransformation of drugs
8. Explain the pharmacotherapy of parkinsonism
9. Drugs used in myasthenia gravis
10. Sedatives and hypnotics
11. Classify drugs used in hyperlipidemia

#### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Define drug and health
13. Atenolol
14. Define synergism and antagonism
15. Halothane
16. Digoxine
17. Therapeutic index
18. Anti-tussive agents
19. Caffeine
20. Mention the uses of naloxone
21. Hyoscine

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