

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Fifth Semester B. Pharm Degree Examination – 15-Nov-2021**

**Time: Three Hours**

**Max. Marks: 75 Marks**

**PHARMACOLOGY - II**

**Q.P. CODE: 5020**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.  
All the Questions are compulsory.

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Classify Antihyperlipidemic drugs with examples. Describe the pharmacology of Atorvastatin.  
**OR**  
Write the merits, demerits and applications of bioassay. Explain the bioassay of d-tubocurarine.
2. Describe the pharmacology of histamine.

**SHORT ESSAYS**

**7 x 5 = 35 Marks**

3. Write the pharmacology of Captopril.  
**OR**  
Describe the mechanism of action and uses of nitroglycerine.
4. Describe the pharmacological actions of potassium sparing diuretics.  
**OR**  
Mode of action and adverse effects of Insulin.
5. Write the mechanism of action and side effects of hydrocortisone.
6. Describe the mechanism of action and therapeutic uses of Diclofenac sodium.
7. Write the differences between Heparin and Sod Warfarin.
8. Classify antidiabetic agents with suitable examples.
9. Write the pharmacology of Carbimazole.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

10. What are cardiotonics? Give examples.
11. Enlist the oral anti coagulants.
12. Clinical uses of ondansetron.
13. Adverse effects and clinical uses of sulfonylureas.
14. Clinical uses and adverse effects of propylthiouracil.
15. Mode of action of vasopressin.
16. Outline the mode of action of Tocolytics.
17. What is triple response of histamine?
18. Write the mode of action of urokinase.
19. Write types of prostaglandins.

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