

Rajiv Gandhi University of Health Sciences, Karnataka

Fifth Semester B. Pharm Degree Examination – 13-Jun-2024

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. Describe the different types of bioassay and explain the bioassay of oxytocin.

OR

2. Write the mechanism and pharmacological actions of prostaglandins.
3. What are cardiac glycosides? Discuss pharmacology of digitalis.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Mode of action and adverse effects of oral contraceptives.

OR

4. Explain the pharmacology of histamine.
5. Describe the pharmacology of Warfarin.

OR

6. Write the pharmacology of Propylthiouracil.
7. Describe the pharmacology of Calcium channel blockers.
8. Describe the mechanism of action and adverse effects of loop diuretics.
9. Describe the pharmacology actions of methotrexate.
10. Mode of action and adverse effects of Insulin.
11. Write the mechanism of action and adverse effect of Prednisolone.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the sign and symptoms of CHF.
13. Therapeutic uses of furosemide.
14. Effect of quinidine on cardiac automaticity and refractory period.
15. Give examples for 5-HT antagonist.
16. Write the pathophysiological role of Thromboxane.
17. Write the adverse effect and uses of Aspirin.
18. Give examples for growth hormone inhibitors.
19. Write the physiological role of calcium regulating hormones.
20. Give the examples for oral hypoglycemic drugs.
21. Give examples for anabolic steroids.
