

Rajiv Gandhi University of Health Sciences, Karnataka

Fifth Semester B. Pharm Degree Examination – 02-May-2025

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 the drugs used in congestive cardiac failure. Describe in detail the pharmacology of cardiac glycosides.

OR

Discuss the principle of bioassays. Explain the bioassay of insulin.

2. Classify non steroidal anti-inflammatory drugs with examples. Describe the pharmacology of aspirin.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Classify antianginal drugs. Write the pharmacology of nitrates.

OR

Define Arrhythmias and describe the action of class 1 drugs.

4. Mention the mechanism of action and pharmacological actions of Vitamin D

OR

Discuss the mechanism of action of heparin and mention its uses.

5. Explain the pharmacological actions of prostaglandins.
6. Classify diuretics with examples.
7. What is the action of thyroid hormones on different body functions?
8. Describe oral contraceptives.
9. Describe the pharmacological actions of methotrexate.

SHORT ANSWERS

10 x 2 = 20 Marks

10. What are anticoagulants? Give two examples.
11. Mention the adverse effects of sulphonyl ureas.
12. Classify antithyroid drugs.
13. What is the mechanism of action of sodium warfarin?
14. What are plasma expanders?
15. Name the drugs used in treatment of Gout.
16. What are the therapeutic uses of 5-HT antagonist?
17. Write the mechanism of action of statins.
18. Enlist the adverse effects of oral contraceptives.
19. What are tocolytic agents? Give examples.
