

Rajiv Gandhi University of Health Sciences, Karnataka

Fifth Semester B. Pharm Degree Examination – 06-Jan-2020

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.

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. What are cardiac glycosides? Discuss pharmacology of digitalis.
2. Describe the different types of bioassay and explain the bioassay of Oxytocin.
3. Write the mechanism and pharmacological actions of prostaglandins.

SHORT ESSAYS (Answer any Seven)**7 x 5 = 35 Marks**

4. Describe the pharmacology of Calcium channel blockers.
5. Describe the mechanism of action and adverse effects of loop diuretics.
6. Describe the pharmacological actions of methotrexate.
7. Mode of action and adverse effects of Insulin.
8. Write the mechanism of action and adverse effects of Prednisolone.
9. Mode of action and adverse effects of oral contraceptives.
10. Describe the pharmacology of Warfarin.
11. Explain the pharmacology of histamine.
12. Write the pharmacology of propylthiouracil.

SHORT ANSWERS (Answer All)**10 x 2 = 20 Marks**

13. Write the mechanism of action of Clofibrate.
14. Mode of action of Heparin.
15. Name leukotriene receptors.
16. Mode of action of sulfonyl ureas.
17. Write the therapeutic use of fibrinolytics.
18. Mode of action of anti-diuretic hormone.
19. What are advantages and disadvantages of bioassays?
20. Mention different types of insulin preparations.
21. What are anabolic steroids?
22. Classify anti- rheumatic drugs with examples.
