

Rajiv Gandhi University of Health Sciences, Karnataka
Fifth Semester B. Pharm Degree Examination – 02-Jun-2023

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 pharmacology of digitalis.

OR

- Classify Non steroidal anti-inflammatory drugs with examples. Describe pharmacology of Aspirin.
2. Define Bioassay. Explain the Bioassay of Insulin.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Write the mechanism of action and therapeutic uses of lidocaine as an anti-arrhythmic drug.

OR

- Write the pharmacology of Nitrates.
4. Write the pharmacology of Furosemide.

OR

- Describe the mechanism of action and adverse effects of Heparin.
5. Describe the pharmacological actions of Histamine.
6. Classify anti rheumatoid drugs with examples. Write the pharmacology of methotrexate.
7. Classify oral Hypoglycemic agents with examples.
8. Classify Antithyroid drugs with examples. Describe the pharmacology of Propyl thiouracil
9. Explain the role of hormones in regulation of plasma calcium level.

10 x 2 = 20 Marks

SHORT ANSWERS

10. Explain the mechanism of action of statins.
11. Write the different types of shock.
12. Write the therapeutic uses of acatazlamide.
13. Write the therapeutic uses of Fibrinolytics.
14. Write any two pharmacological actions of 5HT
15. Define Gout. Mention the drugs used in the treatment of Gout.
16. Enlist different types of Insulin Preparations.
17. List out hormones released in posterior pituitary gland.
18. Mention different types of Bioassays.
19. Enlist four Uterine stimulants.
