

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T. Degree Examination – 07-May-2026

Time: Three Hours

Max. Marks: 80 Marks

PHARMACOLOGY - (RS-5)

Q.P. CODE: 2739

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Classify non-steroidal anti-inflammatory drugs. Write the mechanism of action, therapeutic uses and adverse effects of aspirin.
2. Classify antihypertensive drugs. Explain the mechanism of action, uses and adverse effects of ACE (Angiotension Converting Enzyme) inhibitors.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

3. Describe any five factors affecting drug response.
4. Write the therapeutic uses and adverse effects of adrenaline.
5. Explain the indication and adverse effects of Digoxin.
6. Write a note on low molecular weight heparin.
7. Write the mechanism of action, therapeutic uses and adverse effects of Salbutamol.
8. Discuss the pharmacotherapy of Myasthenia Gravis.
9. Explain the therapeutic uses and adverse effects of Insulin.
10. Describe the pharmacodynamic changes in geriatric patients.
11. Enumerate purgatives. Write a note on bulk purgatives.
12. Discuss the role of disease modifying agents in the treatment of Rheumatoid Arthritis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Name any four second generation antihistamines with indication.
14. Write a note on mucolytic agents.
15. Enlist four oral hypoglycemic agents.
16. One use and one adverse effect of Bisacodyl.
17. Mention drugs used in H.Pylori induced peptic ulcer.
18. List two drugs increasing risk of dementia in geriatrics.
19. Define Tachyphylaxis with example.
20. Enlist any four routes of drug elimination.
21. Enlist drugs used in Myasthenia gravis.
22. Mention two drugs used in cardiac arrhythmias.
