

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.P.T. Degree Examination – 18-May-2023**

**Time: Three Hours**

**Max. Marks: 80 Marks**

**PHARMACOLOGY (RS5)**

**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 analgesic drugs. Write the therapeutic uses and adverse effects and contraindications of aspirin.
2. Classify antihypertensive drugs. Explain mechanism of action, therapeutic uses and adverse effects of angiotensin converting enzyme inhibitors.

**SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

3. Drug synergism.
4. Drug therapy of status epilepticus.
5. Omeprazole.
6. Sulphonylureas.
7. Mention uses and adverse effects of benzodiazepines.
8. Diuretics.
9. Centrally acting skeletal muscle relaxants.
10. Statins.
11. Atypical antidepressants.
12. Glucocorticoids.

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Define bioavailability. Mention two factors affecting bioavailability.
14. Why non-selective beta blockers are contraindicated in bronchial asthma?
15. Mention four antiarrhythmic drugs.
16. Mention four uses of atropine.
17. Mention four uses of adrenaline.
18. Write mechanism of action and therapeutic uses of prednisone.
19. List four drugs known to cause postural hypotension.
20. List two antiplatelets agents and their therapeutic uses.
21. Anti-emetic drugs with four examples.
22. Why carbidopa is given along with levodopa.

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