

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination – April 2014

Time: Three Hours

Max. Marks: 80 Marks

PHARMACOLOGY (RS - 3 & RS - 4)

Q.P. CODE: 2710

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. Classify Non-Steroidal anti-inflammatory drugs. Write the mechanism of action, adverse effects and therapeutic uses of aspirin.
2. Classify beta-blockers. Write the therapeutic uses and adverse of beta-blockers.
3. Classify anticoagulants. Write the mechanism of action, therapeutic uses and adverse effects of warfarin.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Transdermal patches
5. Osmotic diuretics
6. Nifedipine
7. Tricyclic antidepressants
8. Carbamazepine
9. Metformin
10. Drug induced parkinsonism.
11. Dopamine
12. Statins
13. Antidote for Organophosphorus poisoning - Explain its mechanism.

SHORT ANSWERS

10 x 2 = 20 Marks

14. What is enzyme induction? Enlist two enzyme inducers.
15. Mention two drugs with high plasma protein binding capacity.
16. Mention the antidote for heparin toxicity with its rationale.
17. Mention two drugs used in the treatment of Systemic Lupus Erythematosus.
18. Mention four drugs used in H. Pylori induced peptic ulcer.
19. Mention two uses and two adverse effects of digoxin.
20. Mention two drugs used in acute bronchial asthma.
21. Mention four uses of corticosteroids.
22. What is teratogenicity? Write two examples.
23. What is malignant hyperthermia? Mention one drug which causes it.
