

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Pharm Degree Examination – NOV 2016

Time: Three Hours

Max. Marks: 80 Marks

PHARMACOLOGY (Revised Scheme - 2)

Q.P. CODE: 1965

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

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LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain the phases of biotransformation with examples.
2. Write therapeutic classification of sympathomimetic agents. Mention therapeutic uses and adverse effects of β -blockers.
3. Classify anti-hyper lipidemics with examples. Write the mechanism, uses and adverse effects of atorvastatin.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Explain the mechanism, adverse effects and uses of benzodiazepines.

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5. Describe important channels of drug elimination.
6. Explain the adverse drug reactions.
7. Mechanism of indirect acting cholinergic drugs
8. Classify spasmolytics with examples. Write the uses and adverse effects of dantrolene.
9. Explain the pharmacology of ethyl alcohol.
10. Explain the mechanism and therapeutic uses of frusemide.
11. Explain the anti-arrhythmic actions of a Sodium channel blocker.
12. Describe the mechanism, uses and adverse effects of cholestyramine.

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13. Write a note on side effects of anti-psychotic drugs.

SHORT ANSWERS

10 x 2 = 20 Marks

14. Give examples for Intra dermal route of drug administration
15. Effect of route of drug administration on dose of a drug
16. Post marketing surveillance trial
17. Antidotes for Organophosphates poisoning
18. Give an agonist for each adrenoreceptor subtypes
19. Carbidopa uses

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20. Nifedipine
21. Types of angina pectoris
22. Satolol
23. REM sleep

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