

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination - Nov 2011

[Time: 3 Hours]

[Max. Marks: 100]

ADVANCED PHARMACOLOGY AND TOXICOLOGY

PAPER II

(RS 2 & RS 3)

Q.P. CODE: 9242

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

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

1. a) Classify cholinergic drugs with examples.
b) Describe the mechanism of action, pharmacology and mention the adverse reactions of Neostigmine.
c) Describe organ phosphorus poisoning and its treatment.
2. a) Explain in detail about the drugs used for the treatment of angina
b) Classify hypolipidemic drugs with examples and add a note on HMG-CoA reductase inhibitors.
3. a) Explain the pathophysiology of depression; Classify anti depressant drugs and describe in detail about Tricycles antidepressants.
b) Write notes on general anesthetics.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Pathophysiology of vomiting and classify the antiemetic agents.
5. Management of Parkinsonism
6. Cardiotonics
7. Write notes on G-protein coupled receptors
8. Alkylating agents
9. Cephalosporins

SHORT NOTES

2 X 5 = 10 Marks

10. Proton pump inhibitors
11. Cox-2 inhibitors

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