

Rajiv Gandhi University of Health Sciences

Second Semester M. Pharm Degree Examination - MAY-2019

[Time: 3 Hours]

[Max. Marks: 75]

Advanced Pharmacology -II

Q.P. CODE: 5177

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

LONG ESSAY (Answer any Three)

3 X 10 = 30 Marks

1. Classify anticancer agents. Discuss the detailed pharmacology of tyrosine kinase inhibitors and platinum coordination compounds.
2. Classify the drugs used for treatment of peptic ulcer and discuss the pharmacology of domperidone and omeprazole.
3. Write the classification of antithyroid drugs and discuss the mode of action, pharmacological actions, adverse reactions and uses of any two antithyroid agents.
4. Classify discuss the mode of action, antibacterial spectrum, adverse drug reactions and uses of fluoroquinolones and ciprofloxacin.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Describe the mode of action and pharmacological actions of cyclosporine.
6. Write the classification of antifungal agents and discuss the mode of action of itraconazole.
7. Describe the pharmacology of ornidazole.
8. Explain the chemical mediators of inflammation.
9. What is biological and circadian rhythm and discuss their role in pharmacology.
10. Classify the drugs used in the treatment of constipation and write a note on any one.
11. Discuss the recent advances in the pharmacotherapy of Alzheimer's disease.
12. What are free radicals? Give examples. Discuss the role of free radicals in diseases.
13. Discuss the functions of growth hormone.
14. Discuss the pharmacology of prokinetics.

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