

Rajiv Gandhi University of Health Sciences

Second Semester M. Pharm Degree Examination - 10-Jan-2020

[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. Discuss the mode of action pharmacological actions and uses of male sex hormones (any one).
2. Write the pharmacological actions, adverse drug reactions and uses of rifampicin and INH.
3. Classify anthelmintics and explain the pharmacology of albendazole and piperazine.
4. What is chronopharmacology and explain the role of chronopharmacology in various diseases with suitable examples.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Discuss the recent advances in the pharmacotherapy of cancer.
6. Write the pharmacology of bulk laxatives.
7. What are hypersensitivity reactions and discuss the mechanisms for type 2 hypersensitivity reactions.
8. Explain the mode of action and antibacterial spectrum of ciprofloxacin.
9. Write a note on the preparations of insulin.
10. Write the pharmacological actions and uses of amoxicillin.
11. Discuss the pharmacotherapy of chronic obstructive pulmonary disease (COPD).
12. How are free radicals are generated in the normal physiological process and what are their effects.
13. Write the general ADRs and therapeutic uses immunosuppressants.
14. What are oral contraceptives? Give examples. When and how are they used?

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