

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2125)

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B. Pharmacy 7th Semester Examination

Medicinal Chemistry-III (NS)

BP-471

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Question paper has three sections. Attempt all sections.

SECTION - A

Note: Attempt any two.

1. Classify anticancer agents. Discuss in detail anti metabolites used in anti-cancer chemotherapy. (10)
2. Discuss the classification, mode of action and structure activity relationship of antibiotic tetracyclins. (10)
3. Write down the classification, mode of action and uses of anti-viral drugs. (10)

SECTION - B

Note: Attempt any eight questions.

4. Discuss the life cycle of malaria parasite.
5. Write a short note an immunosuppressive agents.
6. Write down the synthesis and mode of action of chloramphenicol.
7. Discuss the mode of action and structure activity relationship of antithyroid drugs.

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8. Classify antiulcer drugs.
9. Write a short note an expectorant.
10. What are the various flavouring agents used to improve the patient acceptability of drugs.
11. Explain radiographic contrast media.
12. Discuss the structure activity relationship of β -lactam antibiotic penicillin.
13. Write down the synthesis and uses of sulfadiazine.

(8×5=40)

SECTION - C (Compulsory questions)

Note: Attempt all questions.

14. Define antiemetic drugs. Give two examples.
15. Write down the mode of action and uses of streptomycin.
16. Name anti-viral drugs used in the treatment of HIV infection.
17. What are antiprotozoal drugs? Give two examples.
18. Define peptidomimetics. (5×2=10)