

MPC 104T

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ODD SEMESTER EXAMINATION , 2022-23

COURSE NAME :- M.PHARM

SEMESTER- 1st

SUBJECT :- CHEMISTRY OF NETURAL PRODUCTS

TIME: 3 HOURS

MAX MARKS:75

NOTE: Attempt all parts.

(2x10)

PART A

(ATTEMPT ALL QUESTION)

1. Name any two drugs affecting central nervous system...
2. Anti cancer drugs names.....
3. Use of Ephedrine.
4. Flavanoids are
5. Isoprene rule is
6. Importance of vitamins
7. Gene therapy is
8. Principle of DNA and RNA...
9. Structural characterization of vitamin D using IR.
10. Pharmaceutical use of camphor.

PART B

Long answer type question (Answer any Two Questions)

(10X2)

11. Describe the following
 - a) Drugs affecting the central nervous system.
 - b) Anti cancer drugs.
12. Brief introduction of alkaloids and how it will be processed.

13. Discuss the following phytochemicals with their uses,

a) Steroids and Flavanoids

b) Terpenoids and vitamins

PART C

Short Answer Question (Answer any seven question)

7X5

14. Discuss cardiovascular drugs.

15. Illustrate antimalarial drugs.

16. Discuss about beta-lactam antibiotics.

17. Illustrate stereo chemistry of ephedrine and morphine.

18. Explain the general methods of structural determination of alkaloids.

19. Enlist the benefits and side effect of contraceptive agents.

20. Introduction of sex hormones (male and female).

21. Discuss chemistry and physiological significance of folic acid.

22. Give an emphasis on structural elucidation of mono terpenoids?