

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[M.PHARM 1223]

DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)

Sub. Code: 2944

M.PHARMACY DEGREE EXAMINATION
SEMESTER - I (PCI New Regulations 2016)
PHARMACEUTICAL CHEMISTRY - MPC
PAPER IV - CHEMISTRY OF NATURAL PRODUCTS

Q.P. Code: 262944

Time : Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the stereochemistry and nomenclature of adrenocorticoids and vitamin D.
2. Discuss about the chemistry of beta lactam antibiotics.

II. Write notes on:

(7 x 5 = 35)

1. Write a note on antimalarial drugs.
2. Structural elucidation and stereochemistry of morphine.
3. Explain about hybridoma technology.
4. Write the application of IR spectroscopy.
5. Write about isolation and purification of flavonoids.
6. Discuss the chemistry of carbapenems.
7. Briefly explain the Stereochemical aspects of Ephedrine.
