

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

[PHARMD 1122]

**NOVEMBER 2022
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 3817

**PHARM. 'D' DEGREE EXAMINATION
THIRD YEAR (2009-2010 Regulation)
PAPER V – MEDICINAL CHEMISTRY
*Q.P. Code : 383817***

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Write about the plant products used in the treatment of Cancer.
2. Classify Diuretics with suitable examples. Add a note on Carbonic Anhydrase inhibitors and Loop Diuretics.
3. Write the examples, chemistry and the mechanism of action of Tetracyclines. Discuss the SAR of Tetracyclines.
4. Define and classify Antihyperlipidemic agents. Write about coagulants and anticoagulants.

II. Write notes on:

(6 x 5 = 30)

1. Write a note on 1,4 – Dihydro Pyridines.
2. Give a short note on Thyroid and Antithyroid drugs.
3. Write about antimalarials.
4. Write a note on Adrenocorticoids.
5. Write the structure and uses of any two diagnostic agents.
6. Give a note on Anthelmintics.
