

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

[PHARMD 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 3813

**PHARM. 'D' DEGREE EXAMINATION
THIRD YEAR (2009-2010 Regulation)
PAPER I – PHARMACOLOGY - II
*Q.P. Code : 383813***

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain gene transcription and various factors that regulate transcription.
2. Write the mechanism of action, adverse effects and therapeutic uses of paclitaxel.
3. Classify anticoagulants with example and explain the pharmacology of heparin.
4. Classify anti microbial agents with example and explain the mechanism of action of tetracyclines.

II. Write notes on:

(6 x 5 = 30)

1. Explain the importance of preclinical toxicity studies.
2. Write a note on treatment of TB as per WHO.
3. Write a note on Cotrimoxazole.
4. Write a note on heparin antagonist.
5. Write a note on mutation.
6. Classify antifungal drugs, write the MOA of Fluconazole.
