

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

[BPHARM 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 4269

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
FOURTH (FINAL) YEAR (Regulation 2009-2010)
PAPER III – PHARMACOLOGY - II
*Q.P. Code: 564269***

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify antineoplastic agents. Discuss the mechanism of action, adverse drug reaction, therapeutic uses of alkylating agents and antimetabolites.
2. Classify anti-histamines and write the pharmacological action, adverse effects and use of second-generation Antihistamines.

II. Write notes on:

(8 x 5 = 40)

1. Drugs used to treat glaucoma and their mechanism of action.
2. Tetracycline.
3. Preclinical trials.
4. Classify antiulcer agents. Describe the H₂ receptor blockers.
5. Write note on fungal agents.
6. Describe various types of poisoning and its treatment.
7. Proton pump inhibitors and its uses.
8. Write the mechanism of action and uses of oxytocin.

III. Short answers on:

(10 x 2 = 20)

1. Posterior Pituitary hormones.
2. Name two bulk purgatives.
3. Dimercaprol.
4. Proton pump.
5. Uses of anti-platelet drugs.
6. Teratogenicity.
7. Examples for Beta lactamase inhibitor.
8. Write the uses of Metoclopramide.
9. Define oxytocic and tocolytics with example.
10. List out the toxicities of Aminoglycosides.
