

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

**[BPHARM 0122]**

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

**Sub. Code: 2061**

**B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)**

**PCI Regulation 2017 – SEMESTER VI**

**PAPER II – PHARMACOLOGY III**

***Q.P. Code : 562061***

**Time: Three hours**

**Maximum: 75 Marks**

**I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)**

1. Classify anti-ulcer drugs. Write the pharmacological action, mechanism of action and uses of H<sub>2</sub> receptor antagonist.
2. Classify Cephalosporin. Write the mechanism of action, adverse effects and uses of third generation cephalosporin drugs.
3. Discuss in detail about the classification of anti-cancer drugs. Write the mechanism of action, adverse drug reaction and uses of alkylating agents.

**II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)**

1. Give brief account on Griseofulvin.
2. Mechanism of action, drug interaction and uses of streptomycin.
3. Classify the drugs used in the therapy of constipation and add a note on mechanism of action.
4. Classify anti-retro viral drugs. Write adverse effects and therapeutic uses of zidovudine.
5. Write a note on Diloxanide furoate.
6. Write short notes on Artemisinin derivatives.
7. Mechanism of action and uses of sulphamethaxazole.
8. Classify heavy metals poisoning and its antagonist.
9. Define Biological clock and its significance.

**III. Short answers on: Answer ALL questions. (10 x 2 = 20)**

1. Name two Mast cell stabilizers.
2. Mention the non-systemic antacids which neutralize the gastric acid secretion.
3. Define Teratogenicity and give two examples of drug causing teratogenicity.
4. Example for drugs used in the management of emesis.
5. Why is clofazimine used as a component of multidrug therapy in leprosy?
6. Name two antifungal antibiotics.
7. Therapeutic uses of Metronidazole.
8. Mention any two drugs for urinary tract infection.
9. Rationale of using Levamisole as immunostimulant.
10. Common adverse drug reaction associated with the use of anticancer drugs.

\*\*\*\*\*