

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

[BPHARM 0321]

MARCH 2021

Sub. Code: 2061

(SEPTEMBER 2020 EXAM SESSION)

B. PHARMACY DEGREE EXAMINATION

PCI Regulation 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. Classification of anti-tubercular drugs. Describe briefly the mechanism of action, adverse drug reaction and therapeutic uses of Isoniazid.
2. Classify anti-emetic drugs. Write the mechanism of action, adverse effects and uses of prokinetic agents.
3. Classify the Immuno suppressants. Write in detail about the mechanism of action, adverse effects and therapeutic uses of Cyclosporine.

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

1. Types of monoclonal antibodies and its application.
2. Mechanism of action and uses of beta lactamase inhibitors
3. Write a note on proton pump inhibitors.
4. Enumerate newer macrolide antibiotics and its mechanism of action and uses.
5. Give brief account on anti- Helicobacter pylori regimen.
6. Write a note on drugs used in prophylaxis of malaria.
7. What is cotrimoxazole? Give its therapeutic uses and mechanism of action.
8. Write a note on natural anti cancer drugs.
9. Write a note on Dimercaprol.

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

1. Spectrum of action and uses of monobactam.
2. Why antacid should not be given with sucralfate in the treatment of peptic ulcer disease.
3. How does vancomycin produce “Red man syndrome”.
4. Symptoms and treatment of Mercury poisoning.
5. Circadian rhythm and its influence in Chrono therapeutics.
6. Give examples for osmotic purgatives and their uses.
7. Name two retroviral protease inhibitors.
8. Mention the drugs for urinary tract infection.
9. Adverse effect of Chloramphenicol.
10. Example of drugs for treating candidiasis.
