

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

[BPHARM 0921]

SEPTEMBER 2021
(SEPTEMBER 2020 EXAM SESSION)

Sub. Code: 2061

B.PHARM. DEGREE EXAMINATION
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-asthmatic drugs. Write the mechanism of action, pharmacological action and therapeutic uses of Theophylline.
2. Define anti-microbial agents, classify Penicillins. Explain the mechanism of action, adverse drug reaction and uses of Penicillin G.
3. Classify the anti-malarial drugs. Write in detail about the mechanism of action, adverse effects and therapeutic uses of Chloroquine.

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

1. Write a note on Expectorants
2. Mechanism of action and uses of proton pump inhibitors
3. Write a note on anti-diarrhoeal drugs
4. Classify aminoglycoside antibiotics. Write adverse effects and therapeutic uses of Gentamicin.
5. Mechanism of action and therapeutic uses of fluoroquinolones.
6. Explain treatment regimens in Tuberculosis.
7. Mechanism of action of antimetabolites.
8. Write a note on Immuno suppressants.
9. General principles in the treatment of poisoning

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

1. Give examples of saline purgatives
2. Define carminatives and its uses.
3. Comment the usefulness of corticosteroid in autoimmune disorders.
4. Define the term carcinogenicity
5. Name two appetite stimulants
6. Give examples of antitussive agents
7. Enumerate two anthelmintic drugs.
8. Mention the drugs for herpes zoster infection.
9. What should be avoided when taking Tetracycline?
10. Microtubule damaging anti-cancer drugs
