

Examination: Bachelor of Pharmacy 3rd year 2nd Semester Examination 2025

Subject: Pharmacology III

Ref. No.: Ex/BP602T/2025

Time: 03 hrs Full Marks: 75

SECTION A (25 marks)

- Q1) Write down the mechanism of action of Griseofulvin and Fluconazole as an Anti-Fungal Agents. (05+05)
- Q2) Write down the life cycle of E.histolytica? Explain how Nitroimidazoles and Tetracyclines act in the management of Amoebiasis? (04+04)
- Q3) Explain why severe fever occurs due to Malarial parasites multiplication? Explain how Pyrimethamine kills malaria protozoa? (03+04)

SECTION B (25 marks)

- Q4) Define bronchial asthma and classify it. Write down the etiology of bronchial asthma. (10)
- Q5) Write short notes on (*any two*): (7.5x 2=15)
- a. General toxicity of anticancer drugs.
 - b. Pathway of Apoptosis.
 - c. Cell cycle and its regulators.
 - d. Therapeutic management of bronchial asthma.

SECTION C (25 marks)

- Q6) Discuss the mode of action, adverse effects, clinical uses and development of resistance to Amoxycillin. (4+2+4+5=15)
- Q7) Discuss mode of action, adverse effects and clinical indications of the following (*any two*): (5+5=10)
- a) Carbencillin
 - b) Clavulanic acid
 - c) Cefexime
 - d) Meropenem