

Examination: Bachelor of Pharmacy 3rd year 2nd Semester Examination 2024

Subject: Pharmacology III

Ref. No.: Ex/BP602T/2024

Time: 03 hrs Full Marks: 75

SECTION A (25 marks)

Q1) Write down the mechanism of action of Flucytosine and Amphotericin 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) Write down the life cycle of Malarial parasites? Explain how Quinine kills malaria protozoa? (03+04)

SECTION B (25 marks)

Q4) Write down the different factors that responsible for cancer. (10)

Q5) Write short notes on (any two): (7.5x 2=15)

- Pathophysiology and management of bronchial asthma.
- Drugs used in cough.
- Common toxicity of anticancer drugs.
- Therapeutic management of peptic ulcer.

SECTION C (25 marks)

Q6) Discuss the mode of action, adverse effects and development of resistance to Co-trimoxazole. (3+3+3=9)

Q7) Discuss mode of action, adverse effects and clinical indications of the following (*any four*): (4x4=16)

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|-----------------|----------------------|-----------------|
| a) Carbencillin | b) Sulphamethoxazole | c) Levofloxacin |
| d) Amoxycillin | e) Clavulanic acid | |