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School of Medical and Allied Sciences

Bachelor of Pharmacy
Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 30

Sem VI - BPHT6001 - Medicinal Chemistry III*General Instructions**Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Define the term Antibiotics. K1 (2)
- 2) Classify antibiotics on the basis of structure. K2 (2)
- 3) Summarize a short note on azithromycin. K2 (2)
- 4) What are the uses of penicillin? K1 (2)
- 5) Outline the basic concept of prodrug. K2 (2)
- 6) Organise the SAR of Tetracycline. K3 (5)

- 7) Contrast a note on classification and SAR of Penicillin. K4 (5)

OR

Contrast a note on Proguanil. K4 (5)

- 8) Determine the chemistry, degradation, MOA and SAR of aminoglycosides. K5 (10)

OR

Determine the MOA of oxytetracycline and Minocycline and give its uses. K5 (10)