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School of Medical and Allied Sciences

Bachelor of Pharmacy

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 30

Sem V - BPHT5004 - Pharmacognosy and Phytochemistry IIGeneral 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) What is metabolic pathway? K1 (2)
- 2) Contrast the structure of tryptophan & tyrosin. K2 (2)
- 3) Interpret the different types of glycosides. K2 (2)
- 4) List the precursor of shikimic acid pathway? K1 (2)
- 5) Demonstrate the biological source of senna & aloes. K2 (2)
- 6) Organize the classification of enzymes along with co-enzyme. K3 (5)

- 7) Analyze different types of reactions involved in completion of biosynthesis. K4 (5)

OR

- List the therapeutic uses of clove, cinnamon, fennel & coriander K4 (5)
- 8) Explain the role of Shikimic acid pathway. K5 (10)

OR

- Explain Acetate-Malonate Pathway. K5 (10)