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School of Computing Science and Engineering

Bachelor of Computer Applications

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem III - E1UA304C - Programming in PythonGeneral 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) Problem-solving often begins with defining the problem and understanding its _____. K2 (2)
- 2) How do you take user input from the console in Python? K1 (3)
- 3) How can you check the data type of a variable in Python? K2 (4)
- 4) Explain the concept of dynamic typing in Python. K2 (6)
- 5) What are Conditional Statements? Explain if statements. K3 (6)
- 6) What are string values or string literals? What are multiline strings? K3 (9)
- 7) How is a value returned by a function? Explain with example. K4 (8)

- 8) Explain the methods used for various functions in List. K4 (12)

OR

Explain the Set collection methods with examples. K4 (12)