Department of MCA

Session 2025-26 (ODD SEM)

Assignment- I

Subject Name: Python Programming   **Subject Code: BMC-301**

Date of Assignment: 17-09-2025   **Date of Submission: 24-09-2025**

Faculty Name: Dr Bishwajeet Pandey   **Sem: III**

                                                                          Sec: ALL

Q. No.	Questions	CO/ KL	Competitive/Univ.
I	What are the different types of Data types available in Python? Write the type conversion function of each Data type	(BMC-301.1)	
II	Explain the Arithmetic operators and Assignment operators, in detail?	(BMC-301.1)	
III	What do you understand by Operator Precedence and Associativity? Explain it with the help of an example?	(BMC-301.1)	
IV	Discuss why Python is called a dynamic and strongly typed language?	(BMC-301.1)	
V	Describe arithmetic, assignment, logical, bitwise and comparison operators in detail.	(BMC-301.1)	
VI	Personalize your python prompt. Show Your Name>>> in place of default >>>	(BMC-301.1)	
VII	Write and explain an algorithm through python code to check prime numbers.	(BMC-301.1)	
VIII	Discuss why python is an interpreted language. Explain history and features of python while comparing python version 2 and 3.	(BMC-301.1)	