BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATIONMO/2024)

CLASS: BCA   SEMESTER : Vth
BRANCH: BCA   SESSION : MO/2024

SUBJECT: CA309 INTRODUCTION TO PYTHON PROGRAMMING

TIME: 02 Hours   FULL MARKS: 25

INSTRUCTIONS:
1. The question paper contains 5 questions each of 5 marks and total 25 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. **Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates**

			CO	BL
Q.1(a)	Explain the basic data types available in Python with examples.	[2]	2	2
Q.1(b)	What are the features of Python language? What are Keywords?	[3]	2	2
Q.2(a)	Explain the difference between value error and type error with suitable example.	[2]	2	4
Q.2(b)	Write a python program convert binary to decimal int and octal to decimal int.	[3]	2	3
Q.3(a)	Explain round() function and pow() function.	[2]	2	2
Q.3(b)	Illustrate if else statements and multi way if elif else statements with suitable examples.	[3]	2	3
Q.4(a)	Compare between break and continue statements.	[2]	2	4
Q.4(b)	Write a program in python to obtain factorial of a number.	[3]	2	3
Q.5(a)	What is the difference between defining a function and calling a function?	[2]	2	2
Q.5(b)	What do you understand by scope of a variable and default value arguments?	[3]	2	2

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