

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(MID SEMESTER EXAMINATIONS SP/2025)**

**CLASS: BCA  
BRANCH: BCA**

**SEMESTER :IV  
SESSION : SP/2025**

**SUBJECT:CN223 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)	What are Identifiers and constants in Python programming language?	[2]	2 2
Q.1(b)	Explain about the applications of Python in different areas.	[3]	2 2
Q.2(a)	Explain type conversion with suitable example.	[2]	2 2
Q.2(b)	Write a python program that prompts the user to enter a four-digit integer 4213 and displays the number in reverse order.	[3]	2 3
Q.3(a)	Explain the functions of string in Python.	[2]	2 2
Q.3(b)	Write a python program to find Greatest Common Divisor.	[3]	2 3
Q.4(a)	Differentiate between objects and methods.	[2]	2 4
Q.4(b)	Write a python program to print ASCII value of a character.	[3]	2 3
Q.5(a)	Define the terms function header and function parameters.	[2]	2 2
Q.5(b)	Write a python program that defines and invokes a function that does not return a value.	[3]	2 3

:::25/02/2025:::E