

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2023)

CLASS: BCA
BRANCH: BCA

SEMESTER: III
SESSION: MO/2023

SUBJECT: CA205 JAVA 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
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		CO	BL
Q.1(a)	Briefly explain the features of JAVA.	[2] 2	2
Q.1(b)	What is Object Oriented Programming? How it is different from Procedure oriented Programming?	[3] 3	3
Q.2(a)	Briefly explain Java Virtual Machine.	[2] 3	3
Q.2(b)	Describe the structure of Java Program with suitable example.	[3] 3	3
Q.3(a)	What is the scope of a variable?	[2] 2	2
Q.3(b)	Write about control flow statements in Java?	[3] 2	2
Q.4(a)	What is Type casting? Why is it required in programming?	[2] 3	3
Q.4(b)	Write a program in Java to find the LCM of two numbers?	[3] 3	3
Q.5(a)	How is a Method Defined?	[2] 1	1
Q.5(b)	Explain Method overloading with suitable example?	[3] 3	3

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