

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
 (An Empowered Autonomous Institute, affiliated to SUK)

Q.P. Code
UT 2923

Unit Test -I (2025-26)

S.Y. B.C.A (Sem- III)

Course Code: BC201

Course Name: Object-Oriented Programming Using Java

Day & Date: *Monday 11/08/2025*

Time: *10:30 To 11:30*

Max Marks- 25

Instructions: 1) All Questions are Compulsory

2) Figures to the right indicate maximum marks

3) Assume suitable data if not given

Q.No	Sub Q	Question	Marks	BT Level	COs
Q.1	A	Describe the role and working of the Java Virtual Machine (JVM)?	6	3	3
		OR			
	A	Compare Java and C++ with respect to object-oriented features, memory management, and platform dependency.	6	2	3
	B	Write a Java program to demonstrate the use of arithmetic, relational, and logical operators.	7	3	3
Q.2	A	Describe the structure of a basic Java program, including the role of the main () method.	6	2	4
		OR.			
	A	Explain the purpose and use of command-line arguments in Java. Provide a sample program.	6	2	4
	B	Explain the concept of looping in Java programming.	6	2	4

*****All the Best*****

