

Course Code: 24BC4T11

**BONAMVENKATACHALAMAYYAINSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

II-BCA II-Semester Model Paper (BR24), June -2026

JAVA PROGRAMMING (BCA)

Time: 3 hours

Max.Marks:70

*Question Paper consists of Part-A and Part-B
Answer ALL the question in Part-A and Part-B*

PART-A(10X2 =20M)

		Marks	CO	BL
1.a)	Define Data Types ?	(2M)	CO1	BL1
b)	What is for loop ?	(2M)	CO1	BL1
c)	What is class declaration and modifiers?	(2M)	CO2	BL2
d)	What is keyword this ?	(2M)	CO2	BL1
e)	Define Arrays and declare array	(2M)	CO3	BL1
f)	What is inheritance	(2M)	CO3	BL2
g)	Define package	(2M)	CO4	BL1
h)	What is finally block?	(2M)	CO4	BL1
i)	What is thread?	(2M)	CO5	BL1
j)	Define JDBC?	(2M)	CO5	BL1

PART-B(5X10=50M)

2	UNIT-I			
	a) What are variables and data types in Java	(5M)	CO1	BL2
	b) Explain about Operators.	(5M)		

(OR)

3a,	Explain about Iteration statements.	(10M)	CO1	BL3
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4	UNIT-II			
	a) Explain Accessing private members of class.	(5M)	CO2	BL2
	b) What is constructor? Explain types of constructors.	(5M)		

(OR)

5a,	Explain methods and method overloading with example.	(10M)	CO2	BL3
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6a,	UNIT-III			
	Explain the inheritance? Explain types of inheritance.	(10M)	CO3	BL3

(OR)				
7a,	What is interface? Implementation of interface.	(10M)	CO3	BL2

UNIT-IV				
8a,	Explain the package and how to create package.	(10M)	CO4	BL3

(OR)				
9.a,	Explain try, catch, finally block. With Example program.	(10M)	CO4	BL2

UNIT-V				
10a,	Illustrate append(), insert(), delete() methods of String Buffer.	(10M)	CO5	BL4

(OR)				
11a,	Explain thread life cycle with diagram.	(10M)	CO5	BL3
