



SRI KRISHNA INSTITUTE OF TECHNOLOGY

(Accredited by NAAC, Approved by A.I.C.T.E. New Delhi, Recognised by Govt. of Karnataka & Affiliated to V.T U., Belagavi)
#29, Chimney Hills, Hesaraghatta Main Road, Chikkabanavara Post, Bengaluru- 560090

Department of Information Science and Engineering

Subject Name: Object oriented programming with JAVA

Subject Code: BCS306A

SEM: III

DIV: A

Faculty: Mrs. Roopa Banakar

Module-1 Question Bank

SL#	Question	CO	Level	Marks
1.	Explain object-oriented principles.	CO1	L2	8
2.	Describe the meaning of each of the keyword in “public static void main” and write an example program.	CO1	L1	8
3.	Explain different lexical issues in JAVA.	CO1	L2	8
4.	Explain different types of arrays with simple program.	CO1	L1	8
5.	Explain different type promotion rules in JAVA.	CO1	L2	8
6.	Demonstrate the working of enhanced for loop with an example program.	CO1	L2	8
7.	Explain four different types of if statements in JAVA with example.	CO1	L2	8
8.	List out various jump statements. Demonstrate working of break with labels in JAVA.	CO1	L2	8
9.	Write a program to illustrate break statement with labels.	CO1	L2	8
10.	Discuss short circuit logical, assignment and ternary operators in Java.	CO1	L2	8
11.	Discuss different versions of for - loop with examples.	CO1	L2	8
12.	Write a program to illustrate break statement with labels.	CO1	L2	8

Faculty Signature



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Module-2 Question Bank

SL#	Question	CO	Level	Marks
1.	What are constructors? Explain two types of constructors with example.	CO2	L3	8
2.	Explain static variable and static methods in JAVA.	CO2	L2	8
3.	Write a program to perform Stack operation using proper class and Methods.	CO2	L2	8
4.	Explain use of <i>this</i> in JAVA with example program.	CO2	L3	8
5.	Explain memory allocation and use of garbage collector in JAVA.	CO2	L3	8
6.	Write a JAVA program demonstrating Method overloading.	CO2	L2	8
7.	Explain call by value and call by reference with example programs for each.	CO2	L2	8
8.	Explain nested and inner classes.	CO2	L2	8
9.	Distinguish between method overloading and method overriding.	CO2	L3	8
10.	How do you overload a constructor? Explain with a program.	CO2	L3	8
11.	Define recursion. Write a recursive program to find nth Fibonacci number.	CO2	L2	8

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