Semester: 3	Department of CSE	AY: 2026-27
Course Code:1BCS302	Course Name: OOPS WITH JAVA	

Question Bank

Q.	Module-01	M	L	C
1.	Explain different lexical issues in JAVA	8	L2	CO1
2.	Discuss the different data types supported by Java along with the default values and literals	8	L2	CO1
3.	Justify the statement "Compile once and run anywhere" in Java	8	L2	CO1
4.	Define Array. Write a Java program to implement the addition of two matrixes	8	L2	CO1
5.	Explain the syntax of declaration of 1D and 2D arrays with examples	8	L2	CO1
6.	Explain the following operator with examples.	8	L2	CO1
7.	a. Unary b. Arithmetic c. Shift d. Relatinal	8	L2	CO1
8.	e. Bitwise f. Logical g. Ternary h. Assignment	8	L2	CO1
9.	Explain object-oriented principles.	8	L2	CO1
	Module-02			
10.	Explain classes and objects with syntax and example program	8	L2	CO2
11.	What are constructors? Explain two types of constructors with an example program	8	L2	CO2
12.	Explain the various access specifiers in Java with an example	8	L2	CO2
13.	Explain the use of this in JAVA with an example.	8	L2	CO2
14.	Examine Java Garbage collection	8	L2	CO2
15.	Develop a JAVA program to add TWO matrices of suitable order N (The value of N should be read from command line arguments).	8	L2	CO2

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16.	Develop a stack class to hold a maximum of 10 integers with suitable methods. Develop a JAVA main method to illustrate Stack operations.	8	L2	CO2
17.	Explain use of this in JAVA with example program.	8	L2	CO2
18.	Write a JAVA program demonstrating Method overloading.	8	L2	CO2
19.	Distinguish between method overloading and method overriding	8	L2	CO2

***Note:**

1. All modules should contain a minimum of **10** questions each and the total number of questions must be **50**.
2. Questions can carry marks of 06, 07, 08, 09, 10 and for problems: 04 or 05.
3. Follow the RBTL as per the keywords used to frame the questions.
4. Maintain the Course Outcomes (COs) as per the syllabus.
5. M: Marks, L: RBTL, C:COs.

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