



MAKE-UP EXAM

BPLCK205C/ BPLCKC205

Second Semester B.E./B.Tech. Degree Examination, Nov./Dec. 2023

Basics of Java Programming

Time: 3 hrs.

Max. Marks: 100

- Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.

Module – 1			M	L	C
Q.1	a.	Explain object oriented principles.	6	L2	CO1
	b.	Describe the meaning of each of the keyword in “public static void main”	6	L2	CO1
	c.	Explain different lexical issues in JAVA.	8	L2	CO1
OR					
Q.2	a.	Explain different promotion rules in JAVA.	6	L2	CO2
	b.	Explain one dimensional and two dimensional array with example for each.	6	L2	CO2
	c.	Write short note on integer literals.	8	L2	CO2
Module – 2					
Q.3	a.	Explain the following operators with example i) << ii) >> iii) >>> iv) &	8	L2	CO2
	b.	Demonstrate the working of for loop.	6	L2	CO2
	c.	Write a program to sort the elements using for loop.	6	L2	CO2
OR					
Q.4	a.	Explain Left shift and Right shift bitwise logical operations.	8	L2	CO2
	b.	Explain the syntax of switch statement with example.	6	L2	CO2
	c.	Write a program to find biggest of three members using ternary operator.	6	L2	CO3
Module – 3					
Q.5	a.	What are constructors? Explain two types of constructors.	8	L2	CO2
	b.	Explain “this” keyword by considering box() version.	6	L2	CO2
	c.	Write a JAVA program to perform stack operation using proper class and methods.	6	L2	CO3
OR					
Q.6	a.	Demonstrate the working of Recursion with example.	10	L2	CO3
	b.	Write a JAVA program demonstrating method overloading.	10	L2	CO3

Module – 4				
Q.7	a.	Explain different types of inheritance in JAVA.	8	L2 CO3
	b.	Describe the uses of super keyword with example.	6	L2 CO2
	c.	Demonstrate the working of final class and final method in JAVA.	6	L2 CO3
OR				
Q.8	a.	What is abstract class? Explain with example.	8	L2 CO2
	b.	Give example for method overriding.	6	L2 CO2
	c.	Explain the method of object class with their purpose in Java.	6	L2 CO2
Module – 5				
Q.9	a.	What is a package? Explain with example.	8	L2 CO4
	b.	Demonstrate the working of interface in JAVA.	6	L2 CO3
	c.	Explain the concept of access protection in JAVA.	6	L2 CO3
OR				
Q.10	a.	What is an exception? Give an example.	6	L2 CO3
	b.	Explain the try and catch block with example.	6	L2 CO3
	c.	Explain Nested throw statement in JAVA.	8	L2 CO3
