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## Model Question Paper with effect from 2022-23 (CBCS Scheme)

### Fourth Semester B.E. Degree Examination

#### Object Oriented Programming using Java

Time: 03 Hours

Max. Marks: 100

**Note:** Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

Module - 1			Bloom's Taxonomy Level	Marks
Q. 1	a	Explain the 8 primitives data types in Java	L1	8
	b	Explain the concept of Array with a program	L2	6
	c	Explain type conversion with example.	L1	6
<b>OR</b>				
Q. 2	a	Describe the meaning of each of the keyword in "public static void main"	L1	8
	b	Explain switch statement with a program	L2	6
	c	Write a program to sort the elements using for loop.	L3	6
<b>Module-2</b>				
Q. 3	a	Explain constructor overloading an method overloading with example	L2	8
	b	What is a class? Give example .	L1	6
	c	Explain this keyword with example	L1	6
<b>OR</b>				
Q. 4	a	What is object? Explain its characteristics briefly	L1	8
	b	Describe object as parameters with example	L2	6
	c	Explain returning object with example	L2	6
<b>Module-3</b>				
Q. 5	a	Explain inheritance with a program	L1	8
	b	What are Constructors ? Explain two types of constructors.	L2	6
	c	Explain usage of static method in interface.	L3	6
<b>OR</b>				
Q. 6	a	Explain role of interfaces while implementing multiple inheritance.	L2	8
	B	Example two uses of super keyword with example.	L1	6
	c	What is abstract class ? Explain with example.	L3	6
<b>Module-4</b>				
Q. 7	a	What is a Packages? Illustrate with a program the steps in creating a user defined Packages?		
	b	Explain access protection with respect to packages.		
	c	Explain with a program throw and throws	L2	6
<b>OR</b>				
Q. 8	A	What is exception ? Explain the syntax for try and catch block to handle multiple exception with a program	L1	8
	B	Explain with a program nested try and catch.	L2	6

	C	Explain different access modifiers in JAVA.	L3	6
<b>Module-5</b>				
Q. 9	a	Explain Enumeration in Java with a program	L2	8
	b	Explain with example Autoboxing in Java	L2	6
	c	Write a Program using user defined exception for Division ByZero using try, catch & throw, finally	L3	6
<b>OR</b>				
Q. 10	a	Explain with example creating multiple thread	L1	8
	b	List and explain different wrapper class in Java.	L2	6
	c	Explain creating multiple Threads using is Alive ()	L3	6

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