

## Model Question Paper-1 with effect from 2021(CBCS Scheme)

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### Sixth Semester B.E. Degree Examination

## Programming in Java 21CS654

TIME: 03 Hours

Max. Marks: 100

- Note: 01. 02. Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.
03.  
04.

Module -1			*Bloom's Taxonomy Level	COs	Marks
Q.01	a	Explain the three OOP principles ?	L1	1	6
	b	Explain the 8 primitives data types in Java	L1	1	8
	c	Explain type conversion with example.	L2	1	6
OR					
Q.02	a	Explain the concept of Array with a program	L2	1	8
	b	Explain literals in java ?	L1	1	6
	c	What are keywords and identifiers ? List the rules and write the identifiers?	L1	1	6
Module-2					
Q. 03	a	List and Explain control statement syntax with program .	L2	1	8
	b	Explain switch statement with a program	L2	1	6
	c	List and explain jump statements in Java	L2	1	6
OR					
Q.04	a	Explain iteration statements in java	L1	1	8
	b	Explain right shift and left shift with a program	L2	1	6
	c	Explain ternary operator with program.	L2	1	6
Module-3					
Q. 05	a	What is a class? Give example .	L1	2	6
	b	Explain constructor overloading and method overloading with example	L2	2	8
	c	Explain this keyword with an example	L2	2	6
OR					
Q. 06	a	Explain inheritance with a program	L2	2	6
	b	Explain usage of super keyword with a program.	L2	2	8

	c	Explain recursion with an example	L2	2	6
<b>Module-4</b>					
Q. 07	a	What is a package ? Illustrate with a program the steps in creating a user defined package ?	L2	2	8
	b	Explain access protection with respect to packages .	L1	2	6
	c	Explain the role of interfaces while implementing multiple inheritance	L1	2	6
OR					
Q. 08	a	What is exception ? Explain the syntax for try and catch block to handle multiple exception with a program	L1	3	8
	b	Explain with a program throw and throws .	L2	3	6
	c	Explain with a program nested try and catch.	L2	3	6
<b>Module-5</b>					
Q. 09	a	Explain Enumeration in Java with a program	L2	4	8
	b	Explain String comparison with a program.	L2	4	6
	c	List and Explain different wrapper class in Java .	L2	4	6
OR					
Q. 10	a	Explain String Constructors in Java	L2	4	8
	b	Explain String modify methods in Java .	L2	4	6
	c	Explain StringBuffer and StringBuilder class in java .	L2	4	6

\*Bloom's Taxonomy Level: Indicate as L1, L2, L3, L4, etc. It is also desirable to indicate the COs and POs to be attained by every bit of questions.