Model Question Paper-1/2 with effect from 2021(CBCS Scheme)

USN

Sixth Semester B.E. Degree Examination
Subject Title ADVANCE JAVA PROGRAMMING

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	What is Autoboxing? Write a java program that demonstrate how autoboxing and unboxing takes place in expression evaluation.	L1	CO1	10
	b	What are Annotations? Explain the following built in annotations with example program:@override,@Inherited,@Retention.	L1	CO1	10
		OR			
Q.02	a	Define Enum. Write a java program to display enumeration constants using values() and valueOf() method.	L2	CO1	08
	b	Explain how to obtain annotations at run time by use of Reflection.	L2	CO1	08
	c	Write note on i)ordinal() ii)compareTo()	L1	CO1	04
		Module-2			
Q. 03	a	Write a program that contain generics class with two type parameters.	L2	CO2	10
	b	Explain how generics improve Type safety.	L2	CO2	10
		OR			
Q.04	a	Write a program on Generic Constructor.	L2	CO2	10
	b	Write note on i)Bounded Types ii)Ambiguity Errors	L1	CO2	10
		Module-3			
Q. 05	a	Explain various String operations with examples.	L3	CO3	10
	b	Write note on i)string comparison ii)String searching	L3	CO3	10
		OR			
Q. 06	a	What are different character extraction methods. Explain with example.	L3	CO3	10
	b	Explain all String Buffer methods with examples.	L3	CO3	10
		Module-4			
Q. 07	a	Explain javax.servlet package in detail.	L2	CO4	08

	b	Explain how to read servlet parameter with example.	L2	CO4	08
	c	Explain Servlet life cycle.	L2	CO4	04
		OR			
Q. 08	a	Explain how to handle HTTP request and response with example.	L2	CO5	10
	b	Write note on i)Session Tracking ii)Cookies	L1	CO5	10
		Module-5			
Q. 09	a	Explain Prepared Statement object with example.	L3	CO5	08
	b	Explain how to read ResultSet with example.	L3	CO5	08
	c	Enlist types of JDBC driver? Explain any one.	L2	CO5	04
		OR			
Q. 10	a	What are different steps to connect database.	L2	CO5	10
	b	Write note on i)Transaction processing ii)Savepoint	L1	CO5	10

*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.