

Seat No.

003-3045001

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (W.E.F. 2022) BSCIT (2022) Semester - 5 Examination BSCIT (2022) SEMESTER-5 OCT-2024

CS - 25: ADVANCE JAVA PROGRAMMING (J2EE)

1 (A) Answer the following: 1 Write full form of JDBC. 2 JDBC Type -1 Driver is also known as 3 3 Write full form of JMS. 4 Write full form of JMS. 4 Write full form of JNDI. (B) Answer in brief (Any one out of two) 1 Differentiate PreparedStatement and CallableStatement. 2 Write 5 steps to connect java application with any database using JDBC. (C) Answer in detail (Any one out of two) 1 Explain native protocol driver of JDBC 2 Write short note on web container. (D) Write a note on (Any one out of two) 1 Explain ResultSet interface with example. 2 Write short note on enterprise architecture. 2 (A) Answer the following: 1 RMI stands for	Time: 2.5Hours				Total Marks: 7	
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	Write short note on deployment descriptor. Differentiate stub and skleton.		
	 (D) Write a note on (Any one out of two) 1 Explain servlet life cycle. 2 Write short note on session tracking. 	5	
3	(A) Answer the following: 1 Write full form of JSTL. 2 Write full form of JSP EL. 3 Write use of jsp:param. 4 How we specify comments in JSP?	4	
	 (B) Answer in brief (Any one out of two) 1 Differentiate include and forward action. 2 Differentiate JSP and Servlet. 	2	
	 (C) Answer in detail (Any one out of two) 1 Explain JSP life cycle. 2 Write short note on JSP scope. 	3	
	 (D) Write a note on (Any one out of two) 1 Explain JSP scripting elements with example. 2 Explain any two JSP implicit objects with example. 	5	
1	(A) Answer the following: 1 Write full form of MVC. 2 Write full form of ORM. 3 Write full form of HQC. 4 Write full form of EJB.	4	
	(B) Answer in brief (Any one out of two) 1 Explain features of hibernate. 2 Explain advantages of EJB.	2	
	 (C) Answer in detail (Any one out of two) Write short note on hibernate configuration. Write short note on Session Beans. 	3	
	(D) Write a note on (Any one out of two) 1 Explain MVC architecture implementation in java.	5	

Write short note on spring boot.

1

1 Write full form of POJO.
2 Write full form of AOP.
3 Write full form of IoC.
4 What is strut?

(B) Answer In brief (Any one out of two)
1 How to process a request in struts?
2 What is DI?

(C) Answer in detail (Any one out of two)
1 Write advantages of spring framework.
2 Write short note on struts configuration file.

(D) Write a note on (Any one out of two)

Explain struts architecture and flow of control.

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