

BACHELOR OF SCIENCE (INFO. & TECH.) Examination  
 BSCIT SEMESTER-5 NOVEMBER 2025 ( NEP ) NOVEMBER - 2025  
 CS -29: ADVANCE JAVA PROGRAMMING(J2EE)

Faculty Code : 003

Subject Code : 23SI-BSIT-MA-05-11001

Time : 2 Hours]

[Total Marks : 50]

RAJ010724885 Q.1 (A) Attempt the following. 3  
 (1) What is JSF?  
 (2) What is JNDI?  
 (3) Who developed Tomcat?

RAJ010724885 Q.1 (B) Attempt any one of the following. 2  
 (1) What is Prepared Statement?  
 (2) What is Callable Statement?

RAJ010724885 Q.1 (C) Attempt any one of the following. 5  
 (1) Explain Types Of JDBC Drivers.  
 (2) Explain J2EE Architecture.

RAJ010724885 Q.2 (A) Attempt the following. 3  
 (1) How to get PrintWriter Object in Servlet?  
 (2) Which Method are Use To Redirect in one Servlet to another Servlet?  
 (3) Which are Servlet Packages Available?

RAJ010724885 Q.2 (B) Attempt any one of the following. 2  
 (1) What is Deployment Descriptor?  
 (2) Write Down Methods of HttpServletRequest.

RAJ010724885 Q.2 (C) Attempt any one of the following. 5  
 (1) Explain Session Tracking Approaches in J2EE  
 (2) Explain Servlet Implementation Ways.

RAJ010724885 Q.3 (A) Attempt the following. 3  
 (1) List out JSP Implicit Objects.  
 (2) What is JSTL?  
 (3) Explain Scriptlets in JSP.

RAJ010724885 Q.3 (B) Attempt any one of the following. 2  
 (1) How to use Session in JSP?  
 (2) Write Down Scope of JSP Variables.

Q.3 (C)	Attempt any one of the following.	5
	(1) Explain Life Cycle of JSP.	
	(2) Explain JSP Elements.	
Q.4 (A)	Attempt the following.	3
	(1) ORM Stands for?	
	(2) HQL stands for?	
	(3) EJB stand for?	
Q.4 (B)	Attempt any one of the following.	2
	(1) Explain Hibernate Configuration file.	
	(2) Explain Hibernate Mapping file.	
Q.4 (C)	Attempt any one of the following.	5
	(1) What is MVC? Explain MVC Architecture.	
	(2) Exploring Hibernate Architecture.	
Q.5 (A)	Attempt the following.	3
	(1) AOP stands For?	
	(2) IOC Stands for?	
	(3) OGNL Stands For?	
Q.5 (B)	Attempt any one of the following.	2
	(1) Explain Pointcut, Aspect in Spring AOP.	
	(1) Write down Importance and Benefits of Spring.	
Q.5 (C)	Attempt any one of the following.	5
	(1) Explain Spring Architecture.	
	(2) What is Spring Boot? Write Features and Advantages of Spring Boot.	