

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

Q.1 (A) Attempt the following.

- (1) What is JSF?
- (2) What is JNDI?
- (3) Who developed Tomcat?

3

Q.1 (B) Attempt any one of the following.

- (1) What is Prepared Statement?
- (2) What is Callable Statement?

2

Q.1 (C) Attempt any one of the following.

- (1) Explain Types Of JDBC Drivers.
- (2) Explain J2EE Architecture.

5

Q.2 (A) Attempt the following.

- (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?

3

Q.2 (B) Attempt any one of the following.

- (1) What is Deployment Descriptor?
- (2) Write Down Methods of HttpServlet Request.

2

Q.2 (C) Attempt any one of the following.

- (1) Explain Session Tracking Approaches in J2EE
- (2) Explain Servlet Implementation Ways.

5

Q.3 (A) Attempt the following.

- (1) List out JSP Implicit Objects.
- (2) What is JSTL?
- (3) Explain Scriptlets in JSP.

3

Q.3 (B) Attempt any one of the following.

- (1) How to use Session in JSP?
- (2) Write Down Scope of JSP Variables.

2

Q.3 (C) Attempt any one of the following.

- (1) Explain Life Cycle of JSP.
- (2) Explain JSP Elements.

5

Q.4 (A) Attempt the following.

- (1) ORM Stands for?
- (2) HQL stands for?
- (3) EJB stand for?

3

Q.4 (B) Attempt any one of the following.

- (1) Explain Hibernate Configuration file.
- (2) Explain Hibernate Mapping file.

2

Q.4 (C) Attempt any one of the following.

- (1) What is MVC? Explain MVC Architecture.
- (2) Exploring Hibernate Architecture.

5

Q.5 (A) Attempt the following.

- (1) AOP stands For?
- (2) IOC Stands for?
- (3) OGNL Stands For?

3

Q.5 (B) Attempt any one of the following.

- (1) Explain Pointcut, Aspect in Spring AOP.
- (1) Write down Importance and Benefits of Spring.

2

Q.5 (C) Attempt any one of the following.

- (1) Explain Spring Architecture.
- (2) What is Spring Boot? Write Features and Advantages of Spring Boot.

5