

B.C.A Semester - 5 (CBCS) Examination**Oct/Nov. - 2023(Old Course)****CS-25 ADVANCE JAVA PROGRAMMING (J2EE) (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1(A) Answer the following questions. (04)
1. Full form of JSF.
 2. Full form of JMS.
 3. What is connection?
 4. Full form JDBC.
- Que-1(B) Answer the following questions. (ANY ONE) (02)
1. Explain data types in JDBC.
 2. Explain Containers.
- Que-1(C) Answer the following questions. (ANY ONE) (03)
1. Explain Result set Meta Data.
 2. Explain Callable Statement.
- Que-1(D) Answer the following questions. (ANY ONE) (05)
1. Explain Database Meta Data.
 2. Explain JDBC Architecture.
- Que-2(A) Answer the following questions. (04)
1. Full form of RMI.
 2. Full form of HTTP.
 3. Full form of API.
 4. Write name of Servlet API.
- Que-2(B) Answer the following questions. (ANY ONE) (02)
1. Explain session API.
 2. Explain Stub and Skeleton.
- Que-2(C) Answer the following questions. (ANY ONE) (03)
1. Explain servlet life cycle.
 2. Explain Hidden form fields.
- Que-2(D) Answer the following questions. (ANY ONE) (05)
1. Explain RMI Architecture.
 2. Explain Deploying and Developing Servlet.
- Que-3(A) Answer the following questions. (04)
1. Explain page.
 2. Full form of JSP.
 3. Explain Scriptlet.
 4. Explain Expression.
- Que-3(B) Answer the following questions. (ANY ONE) (02)
1. Explain Include action.
 2. Explain JSP Scope.
- Que-3(C) Answer the following questions. (ANY ONE) (03)
1. Explain Forward action.
 2. Explain Session in JSP.

- Que-3(D) Answer the following questions. (ANY ONE) (05)
1. Explain JSP Architecture.
 2. Explain JSP Elements.
- Que-4(A) Answer the following questions. (04)
1. Full form of MVC.
 2. What is timer service?
 3. What is Annotation?
 4. Full form of EJB.
- Que-4(B) Answer the following questions. (ANY ONE) (02)
1. Explain Entity bean.
 2. Explain Session bean.
- Que-4(C) Answer the following questions. (ANY ONE) (03)
1. Explain need of hibernate.
 2. Explain advantages of EJB.
- Que-4(D) Answer the following questions. (ANY ONE) (05)
1. Explain Hibernate Architecture.
 2. Explain MVC Architecture.
- Que-5(A) Answer the following questions. (04)
1. Full form of AOP.
 2. Full form of IoC.
 3. Definition of spring.
 4. Definition of Struts.
- Que-5(B) Answer the following questions. (ANY ONE) (02)
1. Explain RequestDispatcher.
 2. Explain formBeans.
- Que-5(C) Answer the following questions. (ANY ONE) (03)
1. Explain spring Context
 2. Explain struts framework.
- Que-5(D) Answer the following questions. (ANY ONE) (05)
1. Explain spring Architecture.
 2. Explain struts flow control.
