

B.C.A Semester - 5 (Remedial) (CBCS) Examination
March/April-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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- Q.1(A) Answer the following questions. (04)
1. Full form of J2EE.
 2. Full form of API.
 3. Full form of JSP.
 4. Full form EJB
- Q.1(B) Answer the following questions. (ANY ONE) (02)
1. Explain Data types in JDBC.
 2. Explain Types of Drivers.
- Q.1(C) Answer the following questions. (ANY ONE) (03)
1. Explain Database Exception Handling.
 2. Explain ResultMetaData
- Q.1(D) Answer the following questions. (ANY ONE) (05)
1. Write note on JDBC Architecture.
 2. Explain Container.
- Q.2(A) Answer the following questions. (04)
1. Full form of RMI.
 2. What is Hidden Form Field?
 3. What is Skeleton?
 4. Full form of JDBC.
- Q.2(B) Answer the following questions. (ANY ONE) (02)
1. What is servlet Collaboration?
 2. Explain RMI Architecture.
- Q.2(C) Answer the following questions. (ANY ONE) (03)
1. Explain Servlet API Javax.Servlet.http
 2. Explain handling of Servlet Requests and Responses.
- Q.2(D) Answer the following questions. (ANY ONE) (05)
1. Explain Servlet Life Cycle.
 2. Explain Servlet Architecture.
- Q.3(A) Answer the following questions. (04)
1. What is scope in JSP?
 2. Lis out Scripting Elements.
 3. Explain JSP:param.
 4. List out directive elements.
- Q.3(B) Answer the following questions. (ANY ONE) (02)
1. Explain Directives elements.
 2. Explain JSP:include & JSP:Forward.
- Q.3(C) Answer the following questions. (ANY ONE) (03)
1. Explain JSP Implicit Objects.
 2. Explain page and taglib.

- Q.3(D) Answer the following questions. (ANY ONE) (05)
1. Explain JSP Architecture in detail.
 2. Explain Session and Cookie in JSP.
- Q.4(A) Answer the following questions. (04)
1. Full form of MVC.
 2. What is Annotation?
 3. What is Timer Service?
 4. Write definition of hibernate.
- Q.4(B) Answer the following questions. (ANY ONE) (02)
1. Explain Session Bean.
 2. Explain Entity beans.
- Q.4(C) Answer the following questions. (ANY ONE) (03)
1. Explain Hibernate Session.
 2. Explain Disadvantage of hibernate.
- Q.4(D) Answer the following questions. (ANY ONE) (05)
1. Explain MVC Architecture.
 2. Explain Types of EJB and Benefits of EJB.
- Q.5(A) Answer the following questions. (04)
1. Full form of AOP.
 2. Definition of struts framework.
 3. Definition of spring.
 4. Full form of IoC.
- Q.5(B) Answer the following questions. (ANY ONE) (02)
1. Explain Struts Framework.
 2. What are the benefits of spring framework?
- Q.5(C) Answer the following questions. (ANY ONE) (03)
1. Explain Spring Context.
 2. Explain IoC in detail.
- Q.5(D) Answer the following questions. (ANY ONE) (05)
1. Explain Spring Architecture.
 2. Explain Struts flow control.
