

B.C.A Semester - 5 (Remedial) (CBCS) Examination
Feb/Mar. -2021 (OLD COURSE)
CS-25 ADVANCE JAVA PROGRAMMING (J2EE)(CORE)

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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- Q.1(A) Attempt the following. (04)
1. Full form of JSF is _____
 2. Full form of JMS is _____
 3. Full form of JNDI is _____
 4. Full form of JDBC is _____
- Q.1(B) Attempt the following. (any one) (02)
1. Explain: What is J2EE?
 2. Explain: Types of meta data.
- Q.1(C) Attempt the following. (any one) (03)
1. Explain: JDBC architecture.
 2. Explain: Types of JDBC driver.
- Q.1(D) Attempt the following. (any one) (05)
1. Explain: execute(), executeUpdate(), executeQuery().
 2. Differentiate between prepared statement and callable statement.
- Q.2(A) Attempt the following. (04)
1. Client side proxy means _____
 2. Server side proxy means _____
 3. RRL Means _____
 4. _____ Method is used for bind the object in RMI.
- Q.2(B) Attempt the following. (any one) (02)
1. Explain: Life cycle of servlet.
 2. Explain: servletconfig interface.
- Q.2(C) Attempt the following. (any one) (03)
1. Explain: architecture of servlet.
 2. Explain: HTTP Session with suitable example.
- Q.2(D) Attempt the following. (any one) (05)
1. Explain: RMI architecture.
 2. Explain: servlet collaboration.
- Q.3(A) Attempt the following. (04)
1. JSP stands for _____
 2. _____ is scriptlet element.
 3. _____ is declaration element.
 4. _____ is expression element.
- Q.3(B) Attempt the following. (any one) (02)
1. Explain: Scope of JSP.
 2. Explain: Directive elements.
- Q.3(C) Attempt the following (any one) (03)
1. Explain: implicit objects of JSP.
 2. Explain: java bean with its properties and method.

- Q.3(D) Attempt the following. (any one) (05)
1. Explain: Error handling in JSP with suitable example.
 2. What is cookie? Explain it with suitable example in jsp.
- Q.4(A) Attempt the following. (04)
1. MVC means _____
 2. EJB means _____
 3. CMP means _____
 4. BMP means _____
- Q.4(B) Attempt the following. (any one) (02)
1. What is session beans?
 2. What is Entity beans?
- Q.4(C) Attempt the following. (any one) (03)
1. Explain: Advantage and disadvantage of hibernate.
 2. Explain: Annotation in Hibernate.
- Q.4(D) Attempt the following. (any one) (05)
1. Explain: MVC architecture in detail.
 2. Explain: Hibernate Session.
- Q.5(A) Attempt the following. (04)
1. AOP means _____
 2. IOC means _____
 3. EL Means _____
 4. POJO means _____
- Q.5(B) Attempt the following. (any one) (02)
1. What is dependency injection?
 2. Explain: request life cycle in strut.
- Q.5 (C) Attempt the following. (any one) (03)
1. Explain: struts flow of control.
 2. What is spring? Explain it.
- Q.5(D) Attempt the following. (any one) (05)
1. Explain: strut core components.
 2. Explain: strut framework.
