

B.C.A Semester – 5 (Remedial) (CBCS) Examination**February/March. -2020****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) Give the answer in one word or in one line. (04)
- (1) Give the full form of JNDI
 - (2) What is tier?
 - (3) How many types of driver are available in JDBC?
 - (4) What is N- tier architecture?
- Q.1(B) Attempt any one question. (02)
- (1) Explain single tier architecture with advantages and disadvantages.
 - (2) Write down JDBC architecture.
- Q.1(C) Attempt any one question. (03)
- (1) Explain J2EE AP1
 - (2) Explain Statement Interface.
- Q.1(D) Attempt any one question. (05)
- (1) Write a short note on container.
 - (2) Write a short note on JDBC driver.
- Q.2(A) Give the answer in one word or in one line. (04)
- (1) What is the full form of RMI.
 - (2) What is the use of servlet?
 - (3) Give the full form of RRL.
 - (4) Which method is use to unload the servlet from memory?
- Q.2(B) Attempt any one question. (02)
- (1) Explain servlet collaboration.
 - (2) Write down doDelete() and doput() Methods.
- Q.2(C) Attempt any one question. (03)
- (1) Write down the Method of GenericServlet Class.
 - (2) Explain stub & skeleton.
- Q.2(D) Attempt any one question. (05)
- (1) Explain RMI architecture.
 - (2) Explain life cycle of servlet.
- Q.3(A) Give the answer in one word or in one line. (04)
- (1) Give the syntax of scriptet tag.
 - (2) What is javabean?
 - (3) What is cookie?
 - (4) Which element is use to embed applet and javabeans with jsp page?
- Q.3(B) Attempt any one question. (02)
- (1) Write down properties of javaBean.
 - (2) Explain jsp:include with example.
- Q.3(C) Attempt any one question. (03)
- (1) Explain requet object & response object of jsp.
 - (2) Write down short note on page directive.

- Q.3(D) Attempt any one question. (05)
(1) Explain scope of JSP.
(2) Write a short note on JSP architecture.
- Q.4(A) Give the answer in one word or in one line. (04)
(1) Give the full form of EJB.
(2) Give the full form of MVC.
(3) Give the full form of ORM.
(4) What is the name of hibernate own query language?
- Q.4(B) Attempt any one question. (02)
(1) Explain timer service.
(2) Explain MVC.
- Q.4(C) Attempt any one question. (03)
(1) What is EJB? Write down benefits of it.
(2) Write down advantages & disadvantages of hibernate.
- Q.4(D) Attempt any one question. (05)
(1) Explain types of EJB.
(2) Write down hibernate architecture.
- Q.5(A) Give the answer in one word or in one line. (04)
(1) What is spring?
(2) What is strut?
(3) Give the full form of IOC.
(4) What is properties files in strut?
- Q.5(B) Attempt any one question. (02)
(1) Write down features of spring framework.
(2) Write down advantages of properties files in strut.
- Q.5(C) Attempt any one question. (03)
(1) Explain AOP in spring.
(2) Explain strut framework.
- Q.5(D) Attempt any one question. (05)
(1) Write a short note on spring & MVC.
(2) Explain spring framework architecture.
