

B.Sc.(IT) Semester - 5 (CBCS) Examination
Oct/Nov - 2021 (NEW COURSE)
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 question (03)
1. What is JTA?
 2. What is JDBC?
 3. What is Connection?
- Q.1(B) Answer the following question (Any Two) (06)
1. Explain Difference between statement and prepared statement.
 2. What is callable statement? Explain it.
 3. Explain types of driver.
 4. Explain database Meta data with suitable example.
- Q.1(C) Answer the following question (Any One) (05)
1. Explain JDBC Architecture.
 2. Write a jdbc program to accept Order_no, Cust_Name and Cust_City from user and insert into Order table.
- Q.2(A) Answer The Following question (03)
1. RMI stands for _____
 2. Proxy of client known as _____
 3. Proxy of server known as _____
- Q.2(B) Answer The Following question (Any Two) (06)
1. Explain RMI Architecture.
 2. Explain tomcat as a web container.
 3. Explain Http Servlet.
 4. Explain Life cycle of Servlet.
- Q.2(C) Answer The Following question(Any One) (05)
1. Explain Http Session with suitable example.
 2. Explain HttpServlet Request and HttpServletResponse.
- Q.3(A) Answer The Following Question. (03)
1. JSP Stands for _____
 2. Explain jsp life cycle.
 3. List out jsp page directive element.
- Q.3(B) Answer The Following Question (Any two) (06)
1. What is Java bean? Explain its properties.
 2. Explain action element in jsp.
 3. Explain JSP architecture.
 4. Explain scope of JSP.
- Q.3(C) Answer The Following question (Any One) (05)
1. Explain Cookie in jsp with suitable example.
 2. Explain error handling in jsp with suitable example.
- Q.4(A) Answer The Following question
1. Gavin king is founder of hibernate. (TRUE/FALSE).
 2. What is Enterprise bean?
 3. What is CMP?

- Q.4(B) Answer The Following question (Any Two) (06)
1. What is ORM? Explain it.
 2. What is timer service in EJB? Explain it.
 3. Explain session in EJB.
 4. Explain MVC architecture.
- Q.4(C) Answer The Following question (Any One) (05)
1. Explain Hibernate Configuration file in detail.
 2. Explain Hibernate Architecture.
- Q.5(A) Answer The Following question (03)
1. IOC stands for _____
 2. AOP Stands for _____
 3. OXM Stands for _____
- Q.5(B) Answer The Following question (Any Two) (06)
1. What is Strut? Explain it.
 2. Explain IOC in spring framework.
 3. Explain advantage of spring framework.
 4. Explain Spring framework.
- Q.5(C) Answer The Following question (Any One) (05)
1. Explain advantages of strut framework.
 2. Explain Spring architecture.
