

B.Sc.(IT) Semester - 5 (Remedial) (CBCS) Examination
March/April-2022 (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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- Que-1(A) Answer the following questions. 03**
- (1) JTA stands for _____.
 - (2) ODBC stands for _____.
 - (3) JNDI stands for _____.
- Que-1(B) Answer the following question. (Any Two) 06**
- (1) Explain Difference between statement and prepared statement.
 - (2) Explain Database Metadata interface
 - (3) Explain Thin and Thick Client.
 - (4) What is Container? Explain types of container.
- Que-1(C) Answer the following question. (Any one) 05**
- (1) Write a jdbc program to accept order no, Cust name and Cust mobile from user and insert into order detail table.
 - (2) Explain methods of result set interface.
- Que-2(A) Answer the following questions. 03**
- (1) RMI stands for _____.
 - (2) _____ method is used to identify the remote object.
 - (3) What is servlet?
- Que-2(B) Answer the following question. (Any Two) 06**
- (1) Explain Life cycle of servlet.
 - (2) Explain HTTP Session.
 - (3) Explain the role of Unicast Remote Object class in RMI.
 - (4) Explain Http servlet.
- Que-2(C) Answer the following question. (Any one) 05**
- (1) What is RMI? Explain RMI Architecture.
 - (2) Explain Http Servlet Request and Http Servlet Response
- Que-3(A) Answer the following questions. 03**
- (1) List out jsp page directive element.
 - (2) JSP stands for _____.
 - (3) List out JSP scope.

- Que-3(B) **Answer the following question. (Any Two)** **06**
- (1) How does servlet filter work?
 - (2) Explain action element in JSP.
 - (3) Explain scope of JSP.
 - (4) Explain JSP life cycle.
- Que-3(C) **Answer the following question. (Any one)** **05**
- (1) Explain error handling in JSP.
 - (2) Explain working with session in JSP.
- Que-4(A) **Answer the following questions.** **03**
- (1) ORM stands for _____.
 - (2) EJB stands for _____.
 - (3) List out types of EJB.
- Que-4(B) **Answer the following question. (Any Two)** **06**
- (1) Explain role of model in MVC design pattern.
 - (2) What is automation? Explain it.
 - (3) What is ORM? Explain it.
 - (4) Explain MVC architecture.
- Que-4(C) **Answer the following question. (Any one)** **05**
- (1) Explain inheritance annotations.
 - (2) Explain Hibernate Architecture.
- Que-5(A) **Answer the following questions.** **03**
- (1) Is Struts ORM based framework? YES or No
 - (2) AOP stands for _____.
 - (3) OXM stands for _____.
- Que-5(B) **Answer the following question. (Any Two)** **06**
- (1) Explain processing request with action object.
 - (2) Explain spring framework.
 - (3) Explain inversion of control in spring framework.
 - (4) Explain struts flow of control.
- Que-5(C) **Answer the following question. (Any one)** **05**
- (1) Explain advantages of struts framework.
 - (2) Explain Spring architecture.
