

B.C.A Semester - 5 (CBCS) Examination
Oct/Nov - 2023 (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) |
| | <ol style="list-style-type: none">1. Full form of JNDI.2. Full form of JDBC.3. List Various Driver of JDBC. | |
| Que-1(B) | Answer the following questions (ANY TWO) | (06) |
| | <ol style="list-style-type: none">1. Explain Callable statement.2. What are containers? Explain in brief.3. Explain Query Processing.4. Explain Two-Tier Architecture. | |
| Que-1(C) | Answer the following questions (ANY ONE) | (05) |
| | <ol style="list-style-type: none">1. Write note on JDBC Architecture.2. Explain Database Exception Handling. | |
| Que-2(A) | Answer the following questions | (03) |
| | <ol style="list-style-type: none">1. Full form of RMI.2. What is Cookies?3. Write Definition Skeleton | |
| Que-2(B) | Answer the following questions (ANY TWO) | (06) |
| | <ol style="list-style-type: none">1. What is servlet Collaboration?2. Explain servlet request and response.3. Explain Session API.4. Explain Deploying Servlet. | |
| Que-2(C) | Answer the following questions (ANY ONE) | (05) |
| | <ol style="list-style-type: none">1. Explain Servlet Life Cycle.2. Explain RMI Architecture. | |
| Que-3(A) | Answer the following questions | (03) |
| | <ol style="list-style-type: none">1. Full form of JSP.2. Lis out Scripting Elements.3. Explain JSP:include. | |
| Que-3(B) | Answer the following questions (ANY TWO) | (06) |
| | <ol style="list-style-type: none">1. Explain Directives elements.2. Explain JSP:param & JSP:plugin.3. Explain include and forward action.4. Explain Declaration. | |
| Que-3(C) | Answer the following questions (ANY ONE) | (05) |
| | <ol style="list-style-type: none">1. Explain JSP Architecture.2. Explain page context and exception implicit object with example. | |
| Que-4(A) | Answer the following questions | (03) |
| | <ol style="list-style-type: none">1. Full form of EJB.2. What is Entity?3. Definition Entity Bean | |

- Que-4(B) Answer the following questions (ANY TWO) (06)
1. Explain Session Bean.
 2. Explain feature of Hibernate.
 3. Explain Hibernate inheritance.
 4. Explain Annotation in detail.
- Que-4(C) Answer the following questions (ANY ONE) (05)
1. Explain MVC with Example.
 2. Explain Types of EJB and Benefits of EJB.
- Que-5(A) Answer the following questions (03)
1. Full form of MVC.
 2. Definition of spring framework.
 3. Full form of IoC.
- Que-5(B) Answer the following questions (ANY TWO) (06)
1. Explain Struts Framework.
 2. Explain FormBeans.
 3. Explain Spring Context.
 4. Explain AOP in detail.
- Que-5(C) Answer the following questions (ANY ONE) (05)
1. Difference Between spring and Strut.
 2. Explain spring Architecture.
