

B.Sc.(IT) Semester - 5 (CBCS) Examination
December -2020 (NEW COURSE)
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) Answer the following questions [03]**
1. Full form of J2EE.
 2. List Various Architecture Type.
 3. Full form of JDBC.
- (b) Answer the following questions (ANY TWO) [06]**
1. Discuss Tyes of drivers.
 2. Explain Statement interface.
 3. Explain Containers.
 4. Explain PreparedStatement.
- (c) Answer the following questions (ANY ONE) [05]**
1. Explain JDBC architecture.
 2. Explain Database Exception Handling.
- Q-2 (a) Answer the following questions [03]**
1. Full form of RMI.
 2. What is Stub?
 3. What is proper sequence of servlet life cycle?
- (b) Answer the following questions (ANY TWO) [06]**
1. What is servlet Collaboration?
 2. Explain getSession() and addCookie().
 3. Explain Hidden Form Fields.
 4. Explain URL Rewriting.
- (c) Answer the following questions (ANY ONE) [05]**
1. Explain Servlet Life Cycle.
 2. Explain RMI Architecture.
- Q-3 (a) Answer the following questions [03]**
1. Full form of JSP.
 2. Lis out Directive Elements.
 3. List out Scripting Elements.
- (b) Answer the following questions (ANY TWO) [06]**
1. Explain JSP Scope.
 2. Explain Include Action and Forward Action.
 3. Explain Any Three JavaBeans Methods.
 4. Explain Scripting Elements.
- (c) Answer the following questions (ANY ONE) [05]**
1. Explain JSP Architecture in detail.
 2. Explain Session Working in JSP.

- Q-4 (a) Answer the following questions [03]**
1. Full form of MVC.
 2. Full form of EJB
 3. List out types of EJB.
- (b) Answer the following questions (ANY TWO) [06]**
1. Explain Timer.
 2. Explain features of hibernate.
 3. Explain Annotation.
 4. Explain Hibernate Mapping file.
- (c) Answer the following questions (ANY ONE) [05]**
1. Explain MVC Architecture.
 2. Explain Hibernate Architecture.
- Q-5 (a) Answer the following questions [03]**
1. Full form of IoC
 2. Full form of AOP.
 3. Definition of Spring.
- (b) Answer the following questions (ANY TWO) [06]**
1. Explain Struts in detail.
 2. What are the benefits of spring framework.
 3. Explain Action objects.
 4. Explain Spring Context.
- (c) Answer the following questions (ANY ONE) [05]**
1. Explain Spring Architecture.
 2. Explain Flow of control of Struts.
