

B.Sc.(IT) Semester - 5 (Remedial) (CBCS) Examination**Feb/Mar. -2021 (OLD COURSE)****CS-26 ADVANCED JAVA PROGRAMMING(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) Attempt following questions. (04)
1. _____ is Client side proxy for the remote object.
 2. A callable statement object is used to execute _____ defined in RDBMS.
 3. JDBC stands for _____.
 4. In Database drives type-4 is driver is known as _____.
- Q.1(B) Attempt any one question. (02)
1. What is stub?
 2. Explain Connection interface.
- Q.1(C) Attempt any one question. (03)
1. Explain Database MetaData.
 2. List Out Database (JDBC) Drivers and Explain any one.
- Q.1(D) Attempt any one question. (05)
1. Write a short note on JDBC API.
 2. Explain RMI Architecture.
- Q.2(A) Attempt following Questions. (04)
1. CGI stands for _____
 2. _____ indicates fully qualified Domain name of the client request.
 3. _____ HTTP Status Code is used for forbidden message.
 4. _____ Method used by servlet send cookie to client.
- Q.2(B) Attempt any one question. (02)
1. What is Servlet?
 2. Explain HTTP Post method.
- Q.2(C) Attempt any one question. (03)
1. Explain how session tracking is done with URL rewriting.
 2. Differentiate Session Cookies V/s Persistent Cookies.
- Q.2(D) Attempt any one question. (05)
1. Explain LifeCycle of Servlet.
 2. Write a short note on HTTP Status Codes.
- Q.3(A) Attempt following questions. (04)
1. The _____ method is used to perform filtering servlet.
 2. _____ is invoked when Session object is created.
 3. _____ interface is used for receiving notification events for ServletContext lifecycle.
 4. _____ receive notification that an attribute has been added to a session.
- Q.3(B) Attempt any one question. (02)
1. Explain methods of HttpSessionListener.
 2. What is Servlet RequestListener?
- Q.3(C) Attempt any one question. (03)
1. Explain HttpSessionAttributeListener.
 2. Describe the Servlet RequestAttributeListener in brief.
- Q.3(D) Attempt any one question. (05)
1. Write a short note on Servlet ContextAttribute.
 2. Explain use of Servlet Filter for Pre and Post processing of request.
- Q.4(A) Attempt following questions. (04)
1. The Full Form of JSP is _____
 2. EL stands for _____
 3. _____ Action sets the value of a bean's property.

4. _____ syntax of a Scriptlet Tag. (02)
- Q.4(B) Attempt any one question. (02)
1. What is use of Java Beans?
 2. Write down a basic syntax of JSP.
- Q.4(C) Attempt any one question. (03)
1. Describe page directives in JSP.
 2. Describe different types of comments in JSP.
- Q.4(D) Attempt any one question. (05)
1. Explain JSP standards Actions Tags.
 2. Describe use of Scopes and their Attributes.
- Q.5(A) Attempt following questions. (04)
1. JSTL stands for _____
 2. _____ sets the result of an expression evaluation in a 'scope'.
 3. _____ Redirects to new URL.
 4. MVC stands for _____
- Q.5(B) Attempt any one question. (02)
1. Define EL operators?
 2. Describe Advantages of MVC architecture.
- Q.5 (C) Attempt any one question. (03)
1. Explain Java Beans Property.
 2. Describe any three Tags in JSTL.
- Q.5(D) Attempt any one question. (05)
1. Write a short note on MVC Architecture.
 2. Explain Implicit Object in JSP.
