CS-25

D-196

003-003501-N

B.C.A. Sem. V (CBCS) Examination
November-2012
CS-25 (Advance Java Programming)
New Course

Faculty Code : 003
Subject Code : 003501-N

Time : 2½ Hours] **[Total Marks : 70**

1. Give answers of MCQ in Answer sheet only : (20)

(1) RMI means

(a) Remote Method Interface (b) Remote Main Interface

(c) Reside Main Interface (d) Remote Method Invoking

(2) Using of which interface provide fundamental framework for all servlet ?

(a) Javax.util.*; (b) Java.util.*;

(c) Javax.servlet.*; (d) Java.servlet.*;

(3) RMI program call from the Applet at that time client use which method ?

(a) Naming.lookup( ); (b) Naming.rebind( );

(c) Naming.bind( ); (d) None of these

(4) A piece of Data Assigned by server that facility is known as _____.

(a) Session (b) Cookies

(c) Servlet (d) JSP

(5) How many types are available in JDBC ?

(a) 1 type (b) 2 type

(c) 3 type (d) 4 type

(6) Using of which method the client to place a file on the server likes a FTP ?

(a) doDelete(HttpRequest req,HttpResponse res) throws ServletException,IOException

(b) doPut(HttpRequest req,HttpResponse res) throws ServletException,IOException

(c) doHeader(HttpRequest req,HttpResponse res) throws ServletException,IOException

(d) doGet(HttpRequest req,HttpResponse res) throws ServletException,IOException

invocation

(7) Servlet maintain the state between various request and store in memory that characteristics is known as _____.

(a) Robust (b) Flexible

(c) Extensible (d) Persistant

(8) Which one true for EL ?

(a) ${expr} (b) &{expr}

(c) %{expr} (d) @{expr}

(9) Late Binding process are created by which statement ?

(a) Prepared (b) Callable

(c) System (d) Connection

(10) Using of which method display virtual cursor of the result set in Relation ?

(a) First( ) (b) Previous( )

(c) Last( ) (d) Relative( )

(11) Which jar file is not needed in JSTL ?

(a) Standard.jar (b) Jstl.jar

(c) el.jar (d) none

(12) TLD stands for

(a) Tab Library Descriptor (b) Tag Library Directory

(c) Tag Language Directory (d) Tag Language Descriptor

(13) Which of objects are most visible ?

(a) Application Scope. (b) Page Scope.

(c) Session Scope. (d) Request Scope.

(14) To fetch the binary reprinting data like image, video etc., which method can be used ?

(a) getDate( ) (b) getBoolean( )

(c) getByte( ) (d) getBlob( )

(15) It perform database query like select statement and returns ResultSet.

(a) Sql:Update (b) Sql:Query

(c) Sql:Select (d) Sql:SetDataSource

(16) Which interface is used to retrieve information about the database tables, columns and other information ?

(a) Metadata (b) Database

(c) Resultset (d) None of these

(17) Using of which create a platform independent communication between database and java ?

(a) JDBC API (b) ODBC

(c) JDBC-ODBC (d) None of these

(18) Using of which method indication that driver is supported by Java or not ?

(a) Jbdc( ) (b) jdbcMethod( )

(c) jdbcComplaint( ) (d) None of these

(19) Using of which features maintain the State of Session ?

(a) Session Tracking (b) Session Destroy

(c) Session Begin (d) URL rewriting

(20) Which of the following error message displayed when the page is not found at the correct location ?

(a) 550 (b) 404

(c) 505 (d) 440

2. (a) Give the answer of the following (any **three**) : **(6)**

(1) Explain Servlet Architecture.

(2) Explain JSP Architecture.

(3) Explain Stub and Skeletons class

(4) Explain Tomcat as Web Containers.

(5) Explain JDBC Drivers Types.

(6) Explain Callable Statement with example.

(b) Give the answer of the following (any **three**) : **(9)**

(1) Explain Expression Language with example.

(2) Explain URL rewriting with example.

(3) Explain Session Management of JSP.

(4) Explain different types of Beans.

(5) Explain benefits of Servlet.

(6) Explain Metadata.

(c) Give the answer of the following (any **two**) : **(10)**

(1) Write down a programme to find how many times client visit the website page using servlet.

(2) Write down a Programme to find out multiplication of two numbers using of Expression Language.

(3) Write down a programme to insert a record in Student table use of JDBC-ODBC connectivity (Stu_Number, Stu_Name, Stu_Bdate, Stu_Add).

(4) Write down a programme to find out factorial of given number using JSP error exception.

(5) Write down a programme to pass message from one servlet to another.

3. (a) Give the answer of the following (any **three**) : **(6)**

(1) Explain scope of JSP.

(2) Explain any four HttpResponse Method.

(3) Explain any three implicit objects of JSP.

(4) Explain the Life Cycle of JSP.

(5) Define the difference between ServletConfig and ServletContext Interface.

(6) Explain EL Scope.

(b) Give the answer of the following (any **three**) : **(9)**

(1) Explain HttpRequest Method :

getAttribute( ), getParameterNames( ), getQueryString( ).

(2) Explain Servlet Exception.

(3) What is Resultset ? Explain with example in JDBC.

(4) Explain Single Thread Model.

(5) Define the difference between statement interface and prepared statement.

(6) What is JSTL ? Explain the basic functionality of different tags of the JSTL.

(c) Give the answer of the following (any **two**) : **(10)**

(1) Explain the J2EE component.

(2) Write an RMI application to implement remote object which is used to print the sum of two integer numbers at client side.

(3) Explain EL implicit object.

(4) Explain J2EE Architecture Styles.

(5) Explain the SQL tags of JSTL.