B. Sc. (IT) (Sem. V) (CBCS) Examination

May / June - 2018

CS - 26 : Advance Java Programing

Faculty Code : 003

Subject Code : 004502

Time : $2\frac{1}{2}$ Hours]   [Total Marks : 70

1   Answer the following questions :   **20**

   (1)   Which method is needed for loading a database driver in JDBC ?

   (2)   Which method will call a single time while loading the servlet on J2EE server ?

   (3)   Which interface provides the method to read data from client request ?

   (4)   Which interface provides to include the content of another resource into current response ?

   (5)   CGI stands for _____.

   (6)   EIS stands for _____.

   (7)   An object on another computer is know as _____.

   (8)   Naming class belong into _____ package.

   (9)   DSN stands for _____.

   (10) Full form of RMI _____.

   (11) Lookup( ) method belongs into which class ?

   (12) Database Tier is also known as _____ tier.

   (13) _____ and _____ container resides on server side.

   (14) MIME stands for _____.

   (15) Which interface is used to get information related to connected table of the database?

   (16) _____ is used to specify attributes for the whole JSP page.

(17) Which tag is used to show the comments for JSP code in the JSP page ?

(18) _____ error message displayed when the page is not found at the correct location.

(19) _____ layer is not resides at client tier in thick client of two tier architecture.

(20) Which API is used to Creating Dynamic Web Page ?

2 (a) Attempt any **three** : 6

    (1) Describe types of Enterprise Beans.

    (2) Explain J2EE Container.

    (3) Explain Stub & Skeleton.

    (4) Explain Single Tier Architecture.

    (5) Give difference between JDBC V/s ODBC.

    (6) Give difference between Servlet V/s JSP.

(b) Attempt any **three** : 9

    (1) Explain bind( ), rebind( ) and lookup( ) method.

    (2) Explain preparestatement( ) method.

    (3) Explain J2EE API.

    (4) Explain sendRedirect( ) and setAttribute( ) method.

    (5) Explain Servlet Exception.

    (6) Explain Data baseMetaData Interface.

(c) Attempt any **two** : 10

    (1) Explain Connection Interface.

    (2) Explain RMI architecture.

    (3) Explain N-Tier Architecture of J2EE.

    (4) Explain Cookie with Servlet API.

    (5) Explain types of JDBC Driver.

3 (a) Attempt any **three** :   6
   (1) Explain addCookie( ) and setContentType( ).
   (2) Explain any two JSP implicit objects.
   (3) Explain forName( ) method.
   (4) List different EL operators.
   (5) Explain <jsp:include> with example.
   (6) Explain URL rewriting.

   (b) Attempt any **three** :   9
   (1) Explain use of cookie and session.
   (2) Explain HttpServlet class.
   (3) Explain difference between getParameter( )
        and getparameterValues( ).
   (4) Explain Servlet Exception.
   (5) Describe Page Directive in JSP.
   (6) Describe life cycle of JSP.

   (c) Attempt any **two** :   10
   (1) What is session? Explain with Servlet API.
   (2) Write login.html file which accept username and
        password. Call servlet file to print welcome message
        with name of the user when user submit login.html
        file.
   (3) Explain basic steps for database connectivity with
        suitable example.
   (4) Explain scripting elements.
   (5) Explain RequestDispather interface with example.

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