JW-003-0004502   Seat No. _____

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

October - 2019

CS - 26 : Advanced Java Programming

(New Course)

Faculty Code : 003
Subject Code : 0004502

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

1   (a)   Objective type questions :   **4**

      (1)   RMI is stands for _____.

      (2)   _____ method is used to identify Remote Object.

      (3)   JDBC Type - 1 driver is also known as _____driver.

      (4)   Which method is used to load the driver ?

  (b)   Attempt any one out of two :   **2**

      (1)   Explain navigation methods of ResultSet interface.

      (2)   Explain Stub and Skeleton.

  (c)   Attempt any one out of two :   **3**

      (1)   Give difference between JDBC and ODBC.

      (2)   Describe Statement v/s PreparedStatement interface.

  (d)   Attempt any one out of two :   **5**

      (1)   Describe Architecture of RMI.

      (2)   Describe JDBC drivers.

2 (a) Objective type questions :   **4**

   (1) Full form of MIME is _____.

   (2) What is a servlet ?

   (3) What is ServletContext object ?

   (4) What is URL Encoding ?

   (b) Attempt any one out of two :   **2**

   (1) Explain Servlet Exception.

   (2) List name of packaging in Servlets.

   (c) Attempt any one out of two :   **3**

   (1) Describe any three method of ServletResponce interface.

   (2) What is the difference between GET and POST method ?

   (d) Attempt any one out of two :   **5**

   (1) 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.

   (2) Explain Servlet Life Cycle.

3 (a) Objective type questions :   **4**

   (1) What is RequestDispatcher ?

   (2) What is Session Timeouts ?

   (3) Which Methods is use to get Last Accessed Times ?

   (4) List methods of Interface ServletRequestListener.

(b) Attempt any one out of two :   2

(1) What is URL Rewriting ?

(2) Explain Session Integrity.

(c) Attempt any one out of two :   3

(1) What is SSL Sessions ?

(2) Write uses of HttpSessionAttributeListnerInterface.

(d) Attempt any one out of two :   5

(1) Difference between Filter and Listener in Servlet.

(2) Explain Interface ServletRequestAttributeListener with Example.

4   (a) Objective type questions :   4

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

(2) To add Java code in JSP page which tag is used ?

(3) _____ is used before creating printWriterobject ?

(4) Which scope is the most restrictive scope in JSP ?

(b) Attempt any one out of two :   2

(1) Explain <jsp :param> tag of JSP.

(2) Explain Cookie class.

(c) Attempt any one out of two :   3

(1) Describe page directive in JSP.

(2) Describe life cycle of JSP.

(d) Attempt any one out of two : **5**

    (1) 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.

    (2) Explain any two JSP implicit objects with example

5 (a) Objective type questions : **4**

    (1) List of JSTL Tags.

    (2) Write use of <c:url> tag.

    (3) Write use of <c:out> tag

    (4) MVC stands for _____.

    (b) Attempt any one out of two : **2**

    (1) Explain Implicit Objects in JSP - Expression Language.

    (2) Explain RequestDispatcher in detail.

    (c) Attempt any one out of two : **3**

    (1) Write use of <c:forEach> tag with Example.

    (2) MVC Architecture for web Application.

    (d) Attempt any one out of two : **5**

    (1) Explain Basic Operators in JSP - Expression Language

    (2) Explain data sharing between jsp and servlet with example.

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