HAK-003-2045002
B. Sc. I.T. (Sem.-V) (CBCS)
(W.E.F. 2019) Examination
May - 2023
CS-26 : Advance Java Programming

Faculty Code : 003
Subject Code : 2045002

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

1	(a)	Answer the following :	**4**

        (1) RMI stands for _____.
        (2) Give the full form of ODBC.
        (3) RMI architecture divided into _____ layers.
        (4) JDBC type 4 driver is also known as _____.

    (b) Answer in brief : (any **one**)   **2**
        (1) Explain JDBC drivers.
        (2) Explain Resulset Meta Data.

    (c) Answer in detail : (any **one**)   **3**
        (1) Explain Resultset.
        (2) Explain RMI architecture.

    (d) Write a note on following questions : (any **one**)   **5**
        (1) Explain Stub and Skeleton.
        (2) Explain Statement interface.

2 (a) Answer the following :   **4**
        (1) Give the full form of CGI.
        (2) GET method use URl to send the data. True/False.
        (3) FTP stands for _____.
        (4) A public interface HttpSesion is a member of _____.

    (b) Answer in brief : (any **one**)   **2**
        (1) Explain encodeURL.
        (2) Explain cookies.

(c) Answer in detail : (any **one**)   3
  (1) Explain GET and POST method.
  (2) Explain Session.
(d) Write a note on following questions : (any **one**)   5
  (1) Explain HTTP status code (any 5).
  (2) Explain Servlet Life cycle.

3 (a) Answer the following :   4
  (1) Can we apply filter with request dispatcher. True/False
  (2) _____ defines servlet occurred errors.
  (3) _____ method is invoked every time when user request to any resource, to which the filter is mapped.
  (4) A "PropertyChange" event gets fired whenever a bean changes a _____ property.
  (b) Answer in brief : (any **one**)   2
  (1) Explain FilterAPI.
  (2) Explain Event.
  (c) Answer in detail : (any **one**)   3
  (1) Explain ServletResponseListener.
  (2) Explain HTTPSessionEvent.
  (d) Write a note on following questions :(any **one**)   5
  (1) Explain Servlet and its advantages.
  (2) Explain Filter and FilterChain()

4 (a) Answer the following :   4
  (1) JSP stands for_____
  (2) After jsp servlet instance is called ____ method called during request and response object are sent.
  (3) The lifetime and accessibility of an object is known as _____.
  (4) Declaration starts with _____ tag and end with ____ closing tag.
  (b) Answer in brief : (any **one**)   2
  (1) What is Beans ?
  (2) Explain scriptlets.
  (c) Answer in detail : (any **one**)   3
  (1) Explain expression tag
  (2) Explain Error handling in JSP.

(d) Write a note on following questions : (any **one**)   5
    (1) Explain Action element.
    (2) Explain JSP Life Cycle.

5 (a) Answer the following :   4
    (1) MVC stands for _____.
    (2) EL stands for _____.
    (3) Any public method that is not part of a property definition is a _____ method.
    (4) Request is implicit object of jsp. True/false
  (b) Answer in brief : (any **one**)   2
    (1) Explain <c:choose>, <c:forEach>, <c:if>
    (2) Explain implicit objects of jsp.
  (c) Answer in detail : (any **one**)   3
    (1) Explain request dispatcher.
    (2) Explain EL operators.
  (d) Write a note on following questions : (any **one**)   5
    (1) Explain MVC Architecture for web applications.
    (2) Explain tag library with example.

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