BCG-003-004502   Seat No. _____

B. Sc. (I.T.) (Sem. V) (CBCS) Examination

August – 2021

CS - 26 : Advanced Java Programming

Faculty Code : 003
Subject Code : 004502

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

1 (A) Objective type questions: **04**
     1. What is Database Meta Data?
     2. RMI is stands for _____.
     3. What is communication platform between client and component?
     4. What is use of lookup( ) method?

(B) Attempt any one out of two.   **02**
     1. Explain Stub and Skeleton.
     2. Write note on J2ee APIs.

(C) Attempt any one out of two.   **03**
     1. Explain Result Set Meta Data.
     2. Difference between callableStatement v/s PreparedStatement interface.

(D) Attempt any one out of two.   **05**
     1. Describe ConnectionClass with example.
     2. Describe JDBC drivers.

2 (A) Objective type questions: **04**
     1. Full form of HTTP is ____.
     2. What is cookies?
     3. Write methods of ServletContext interface?
     4. What is URL Encoding?

(B) Attempt any one out of two.   **02**
     1.Explain Servlet Interface.
     2.Write methods with syntax of Servlet interface.

(C) Attempt any one out of two.   **03**
     1. Explain Session Tracking API.
     2. What is the difference between GET and POST method?

(D) Attempt any one out of two.   **05**
     1. Write program and create registration.html file which accept name, email, city and password. Call Servlet file to insert record in Student table.
     2. Explain Servlet Life Cycle.

3 (A) Objective type questions: **04**
1. What is role of web container?
2. Which method is user forremove Sessionattributes.
3. Is bind( ) method is used by Server?
4. Which Methods is use to get Last Accessed Times?

(B) Attempt any one out of two.   **02**
1. List methods of Interface ServletRequestListener.
2. Write uses of RequestDispatcherInterface.

(C) Attempt any one out of two.   **03**
1. Write uses of HttpSessionAttributeListnerInterface.
2. Explain ServletRequestAttributeListener interface.

(D) Attempt any one out of two.   **05**
1. Explain with example Filters for pre and post processing of request
2. Explain Insert and forward method of RequestDispatcher Interface with example?

4 (A) Objective type questions: **04**
1. Explain <jsp:plugin>.
2. Which scope is the most restrictive scope in JSP ?
3. Explain <jsp :param>.
4. _____ is used before creating printWriterobject ?

(B) Attempt any one out of two.   **02**
1.To add Java code in JSP page which tag is used with example?
2.Describe life cycle of JSP.

(C) Attempt any one out of two.   **03**
1.Write deference between jsp/servlet1.
2. Explain Cookie class methods.

(D) Attempt any one out of two.   **05**
1. Create a jsp file and do the connectivity with the MySql Print all the records of the EMP table in tabular format in web browser.
2. Explain any three JSP implicit objects with example

5 (A) Objective type questions: **04**
1. Write use of <c:param> tag.
2. MVC stands for_____.
3. Write use of <c:set> tag.
4. Write use of<c:remove> tag.

(B) Attempt any one out of two.   **02**
1. Explain RequestDispatcher in detail.
2. Explain MVC Architecture.

(C) Attempt any one out of two. 03
1. Write use of <c:forEach> tag with Example.
2. Write use of <c:forTokens> tag with Example.

(D) Attempt any one out of two. 05
1. Explain implicit Object using Expression Language
2. Explain with example EL Operators.

———————