BCG-003-0004502 Seat No. _____

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

August – 2021

CS - 26 : Advanced Java Programming

Faculty Code : 003
Subject Code : 0004502

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. Write the signature of forName() method.
4. Which method is used to load the driver?

(B) Attempt any one. **02**
1. Write note on J2ee APIs.

(C) Attempt any one. **03**
1. Difference between callableStatement v/s PreparedStatement interface.

(D) Attempt any one. **05**
1. Explain N tier Architecture..

2 (A) Objective type questions: **04**
1. _____ method is used to indentify Remote Object..
2. _____ method is used to identify Remote Object.
3. What is use of lookup( ) method?
4. To create object of Statement interface which method is used?

(B) Attempt any one. **02**
1. Explain Skeleton with example.

(C) Attempt any one. **03**
1. Describe Statement v/s PreparedStatement interface.

(D) Attempt any one. **05**
1. Describe JDBC drivers.

3 (A) Objective type questions: **04**
1. What is a servlet?
2. Is bind( ) method is used by Server?
3. Full form of MIME is ____.
4. A piece of data is assigned by server and stored at client is known as_____

(B) Attempt any one. **02**
1.Write methods with syntax of GenericServlet.

(C) Attempt any one. **03**
1. What is the difference between GET and POST method?

(D) Attempt any one.   05
    1. Explain with example URL Encoding.

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

(B) Attempt any one.   02
    1. Write methods with syntax of Servlet interface.

(C) Attempt any one.   03
    1. What is the difference between GET and POST method?

(D) Attempt any one.   05
    1. Explain Servlet Life Cycle.

5 (A) Objective type questions: 04
    1. What is RequestDispatcher ?
    2. How to set Session Timeouts?
    3. Which Methods is use to get Last Accessed Times?
    4. List methods of Interface ServletRequestListener.

(B) Attempt any one.   02
    1. Explain Session Integrity.

(C) Attempt any one.   03
    1. Write uses of HttpSessionAttributeListner Interface.

(D) Attempt any one.   05
    1. Explain Interface ServletRequestAttributeListener with Example.

6 (A) Objective type questions: 04
    1. What is URL Rewriting?
    2. Which method is user for remove Session attributes.
    3. What is Session Timeouts?
    4. What is Session?

(B) Attempt any one.   02
    1. Write uses of RequestDispatcher Interface.

(C) Attempt any one.   03
    1. Explain ServletRequestAttributeListener interface.

(D) Attempt any one.   05
    1. Explain Insert and forward method of RequestDispatcher Interface with example?

7 (A) Objective type questions: 04
    1. To add Java code in JSP page which tag is used?
    2. Full form of JSPE?
    3. Explain <jsp:include>.
    4. Which scope is the most restrictive scope in JSP?

(B) Attempt any one.   02
1. Explain JSP Implicit Objects.

(C) Attempt any one.   03
1. Explain Cookie class methods.

(D) Attempt any one.   05
1. Explain Error handling using page directive with an example.

8 (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 printWriter object ?

(B) Attempt any one.   02
1. Describe life cycle of JSP.

(C) Attempt any one.   03
1. Explain Cookie class methods.

(D) Attempt any one.   05
1. Explain any three JSP implicit objects with example

9 (A) Objective type questions: 04
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.   02
1. Explain RequestDispatcher in detail.

(C) Attempt any one.   03
1. MVC Architecture for web Application.

(D) Attempt any one.   05
1. Explain data sharing between jsp and servlet with example.

10 (A) Objective type questions: 04
1. Write use of <c:param> tag.
2. Write use of <c:set> tag.
3. Write use of <c:if> tag.
4. Write use of < c:redirect> tag.

(B) Attempt any one.   02
1. Explain Accessing Scoped Variables.

(C) Attempt any one.   03
1. Explain RequestDispatcher in detail.with Example.

(D) Attempt any one.   05
1. Explain with example EL Operators.

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