

ADVANCE WEB JAVA TEST

(45marks)

TimeAlloted:2hrs

Instructions to be followed:

- All Questions are compulsory
- Write your name,Registration Number,Subject Name and Date at the upper left corner of your Answer sheet at each page.
- Question No. should be correctly written as in the question paper accordingly.
- Page no. should be written at upper right corner in circle at all pages
- First seven questions are awarded one marks, Short answer questions are awarded Two marks and Brief questions are awarded four marks
- Answers should be handwritten,Scanned clearly so that all answers are readable,and uploaded properly to DAC test folder
- Diagrams ,Syntax,Examples should be neatly drawn and properly written
- Violation of Instructions shall not be entertained

1.The proper prevention technique to use for SQL injection is

- I. Prepared Statement
- II. Sanitization
- III. Validation
- IV. Statement interface

2.Method to instantiate based on the preceding stored procedure

- I. Connection.prepareCall()
- II. Connection.executeQuery()
- III. Connection.execute()
- IV. Connection.executeUpdate()

3. Which interface provides methods to execute queries with the database

- a. Connection interface
- b. Statement interface
- c. CallableStatement interface
- d. ResultSet interface

4. Which features can attain higher rankings for your site in search engines like Google.

- a. Search Engine Optimization(SEO)
- b. Information Retrieval
- c. Server side Development
- d. JSP and Servlet

5. _____ is the Best J2EE Deploy Tool Engine to perform all Deployment Tasks.

- a. Tomcat
- b. EJB
- c. SAP
- d. JSP

6. List Two commonly used exceptions used by servlet. _____, _____.

7. Time to live (TTL) refers to the amount of time or “hops” that a packet is set to exist inside a network before being discarded by a router.

- a. Packet is dropped as soon as TTL value reaches 0.
- b. TTL value decrements exponentially while reaching every Hop(router).

State which is True

- I. Both a and b True
- II. Only a
- III. Only b
- IV. None

Short Answer Questions:

8. Explain session and exception implicit object.

9. Name the JSP scope object types and Which scope is default.

10. Define Expression language with an Example

11. Describe Savepoints and methods that help you manage savepoints

12. How is session tracking achieved using URL rewriting?

13. List JSP actions and its purpose with syntax
14. Difference between website and web application.
15. Compare CGI and Servlet to find if CGI is best. if not then Why?
16. Compare Get and Post Http Methods.
17. State Servlet container operations
18. Explain in short Servlet Life cycle.

Brief Questions

19. Explain in short J2EE component with Neat Diagram
20. Explain JDBC Architecture: with neat diagram
21. Write in short about JSTL with its types. Explain core tag with example
22. What are 7 stages of Web development life cycle. Explain in Brief Development Stage.

-----***-----All The Best-----***-----