

WJP CCEE Practice Test

Total points 9/19 ?

0 of 0 points

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Quizz

9 of 19 points

✓ Which tag in the web.xml file is used to map a servlet to a specific URL pattern? *1/1

- ☐ A) <url-mapping>
- ☒ B) <servlet-mapping> ✓
- ☐ C) <servlet-url>
- ☐ D) <mapping-url>

✓ Which JDBC class or interface is used to retrieve the results of a SQL query? *1/1

- ☒ A) ResultSet ✓
- ☐ B) Statement
- ☐ C) Connection
- ☐ D) SQLException

✗ Which method is used to execute an SQL statement that does not return a ResultSet, such as an INSERT, UPDATE, or DELETE statement? *0/1

- ☐ A) executeUpdate()
- ☐ B) executeQuery()
- ☒ C) execute() ✗
- ☐ D) executeCommand()

Correct answer

- ☒ A) executeUpdate()

✓ What is the primary purpose of the web.xml file in a Java web application? *1/1

- ☐ A) To store Java class files
- ☒ B) To configure servlet mappings and other web application settings ✓
- ☐ C) To manage database connections
- ☐ D) To define the structure of HTML pages

✗ Which of the following is a correct statement about the servlet context? * 0/1

- ☒ A) It is an object that provides information about the servlet configuration. ✖
- ☐ B) It is an object that allows servlets to communicate with each other.
- ☐ C) It is an object that provides methods for handling client requests.
- ☐ D) It is an object that allows servlets to interact with the web server.

Correct answer

- ☒ D) It is an object that allows servlets to interact with the web server.

✓ Which of the statement is correct? * 1/1

- ☐ A - The JDBC module provides a JDBC-abstraction layer that removes the need to do tedious JDBC related coding.
- ☐ B - The ORM module provides integration layers for popular object-relational mapping APIs, including JPA, JDO, Hibernate, and iBatis.
- ☐ C - The Java Messaging Service JMS module contains features for producing and consuming messages.
- ☒ D - All of the above. ✓

✓ What is the purpose of the PreparedStatement in JDBC? * 1/1

- ☐ A) To execute dynamic SQL queries
- ☒ B) To execute precompiled SQL queries ✓
- ☐ C) To manage database transactions
- ☐ D) To retrieve metadata

✓ Which method is called when a servlet is first loaded into memory? * 1/1

- ☐ A) service()
- ☒ B) init() ✓
- ☐ C) doGet()
- ☐ D) doPost()

✖ Which method is used to establish a connection to a database in JDBC? * 0/1

- ☐ A) DriverManager.getConnection()
- ☐ B) DriverManager.createConnection()
- ☐ C) DriverManager.connect()
- ☒ D) DriverManager.openConnection() ✖

Correct answer

- ☒ A) DriverManager.getConnection()

✖ What is the way with which we can use constructor for a servlet? * 0/1

- ☐ Initialization and Constructor function
- ☐ Setup() method
- ☐ Constructor Function
- ☒ Initialization ✖

Correct answer

- ☒ Initialization and Constructor function

✖ What is the purpose of the web.xml file in a servlet-based application? * 0/1

☐ A) To define servlet classes

☒ B) To configure URL mappings for servlets

✗

☐ C) To set initialization parameters

☐ D) All of the above

Correct answer

☒ D) All of the above

✓ Which HTTP method is used to request a resource without changing its state on the server? *1/1

☒ A) GET

✓

☐ B) POST

☐ C) PUT

☐ D) DELETE

✗ How many times is the init() method called during the lifecycle of a servlet? *0/1

☐ A) Once

☒ B) Once for each client request

✗

☐ C) Once for each HTTP method (GET, POST, etc.)

☐ D) It depends on the servlet configuration

Correct answer

☒ A) Once

✓ Which of the following is NOT a component of JDBC architecture? * 1/1

☐ A) JDBC Driver

☐ B) Driver Manager

☐ C) JDBC URL

☒ D) HTTP Servlet

✓

✗ Which class is the superclass of all servlets? * 0/1

☒ A) javax.servlet.HttpServlet

✗

☐ B) javax.servlet.GenericServlet

☐ C) java.lang.Object

☐ D) javax.servlet.Servlet

Correct answer

☒ B) javax.servlet.GenericServlet

✗ How can you set an HTTP response status code in a servlet? * 0/1

☐ A) response.sendError()

☐ B) response.setStatus()

☒ C) response.sendRedirect()

✗

☐ D) response.setError()

Correct answer

☒ B) response.setStatus()

- ✓ doGet(), doPost(), doHead(), doDelete(), doTrace()... * 1/1
Choose What type of servlets use these methods ?
- ☐ Generic servlet
 - ☒ HttpServlet ✓
 - ☐ GlobalServlets
 - ☐ None of the above

- ✗ What is a servlet in Java? * 0/1
- ☐ A) A Java program that runs on the client side
 - ☐ B) A Java program that runs on the server side
 - ☒ C) A JavaScript function ✗
 - ☐ D) A type of database connection
- Correct answer
- ☒ B) A Java program that runs on the server side

- ✗ What is the correct sequence of method calls in the lifecycle of a servlet? *0/1
- ☒ A) init(), doGet()/doPost(), service(), destroy() ✗
 - ☐ B) init(), service(), doGet()/doPost(), destroy()
 - ☐ C) init(), doGet()/doPost(), destroy(), service()
 - ☐ D) init(), service(), destroy()
- Correct answer
- ☒ D) init(), service(), destroy()

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