UNIT TEST – 3 Topics(Inner Classes,JDBC,HTML,JS)

Max Marks:35

Duration 1 hr.

1. Which of the following packages support jdbc operations.

A java.util

B java.sql

C javax.sql

D java.mysql

1. Which of the following statements are true regarding.

Class.forName(<Jdbc driver fully qualified class name>)

A Loads the Jdbc Driver class.

B Creates an instance of jdbc class.

C Throws ClassNotFoundException

D Creates Connection to database.

3 Which of these is a thin driver?

A JdbcOdbc Driver Bridge

C Partly java native driver

D Network compliant java Driver

E Type 4 Pure Java Driver

4 Which of the following are correct way of Establishing connection with the database?

A DriverManager.getConnection(<database url path>);

B DriverManager.getConnection(<database url path>,<user>,<password>);

C DriverManager.getConnection(<database url path>,<properties Object ref>);

D All the above

5 Which of the following interfaces have executeQuery and executeUpdate methods.

A ResultSet

B Statement

C Connection

D PreparedStatement.

6 Which of the following are true regarding ResultSet.

A ResultSet is closed by default.

B ResultSet opens when next() is called.

C ResultSet can be made Scrollable

D ResultSet is not updatable.

E All the above

7 Which of the following is/are false regarding inner classes.

A Classes can be defined within a method.

B Classes can be defined within a class

C Inner classes can be private,protected or static.

D Anonymous inner classes can be defined for a class,an abstract class or an interface.

E An Inner class can be defined inside an outer static class.

8 Which of the following are correct way of instantiating a non static inner class.

A OuterClass.InnerClass in=new OuterClass().new InnerClass();

B InnerClass in=new OuterClass().new InnerClass();

C OuterClass.InnerClass in=OuterClass.new InnerClass();

D OuterClass.InnerClass in=new OuterClass().new InnerClass();

9 Which of the following features in java 1.5 helps in creating constants and ensures type safety.

A Annotations

B enum

C var args

D static imports

E generics

10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the features that help in storing primitive values in a collection and assigning Objects to primitive values.

A Serialization and Deserialization

B AutoBoxing and Unboxing

C Marshalling and Unmarshalling

D Type Promotion and Type Casting.

11

|  |  |
| --- | --- |
|  | **Choose the correct HTML tag for the largest heading** |

|  |  |  |
| --- | --- | --- |
|  | | <head> |
|  | | <heading> |
|  | | <h1> |
|  | | <h6> |
| **12.** | **What is the correct HTML for creating a hyperlink?** | | |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | <a>http://www.w3schools.com</a> | |
|  | | <a url="http://www.w3schools.com">W3Schools.com</a> | |
|  | | <a href="http://www.w3schools.com">W3Schools</a> | |
|  | | <a name="http://www.w3schools.com">W3Schools.com</a> | |
| **13.** | **Which of these tags are all <table> tags?** | |

|  |  |  |
| --- | --- | --- |
|  | | <thead><body><tr> |
|  | | <table><tr><td> |
|  | | <table><head><tfoot> |
|  | | <table><tr><tt> |
| **14.** | **What is the correct HTML for making a checkbox?** | | |

|  |  |
| --- | --- |
|  | <input type="check" /> |
|  | <check> |
|  | <input type="checkbox" /> |
|  | <checkbox> |

15 Which HTTP method will be called from a html document if not specified on submit?

GET POST

|  |  |
| --- | --- |
| **16.** | **What is the correct HTML for making a text input field?** |

|  |  |
| --- | --- |
|  | <textinput type="text" /> |
|  | <input type="textfield" /> |
|  | <input type="text" /> |
|  | <textfield> |

17

Mark whether the following statements as true or false ,regarding java

script. 10 marks

1. Java Script is not used for Server side programming.
2. JavaScript is a programming language
3. JavaScript is a compiler
4. Java Script is a loosely typed language
5. Java script plugins can be disabled by the client.
6. Javascript supports DOM library.
7. An External JS file can be linked with the help of attribute src.
8. Java Script is a complete object oriented programming language.
9. JavaScript is an enhancement of java hence the name
10. There are ony three datatypes in JS, numeric, RealPoint and Strings

18 4 marks

In a Javascript program if a Form is created and with some textfields like t1, t2 etc.

What are the different ways of accessing the values entered by the user inside a function.

(Don’t write the program write only the statements)

19 5 marks

What are the steps followed in a JDBC program .,to retrieve results from a table.

B What are the Exceptions to be handled.