

### 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
  
2. 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 only 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.