TECHNICAL APTITUDE QUIZ

(2024)

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.NET

7. Which programming model should you implement if you want to separate your server-side code from your client-side layout code in a Web page? (1 Point) *

⦿ Code-Behind Model

◯ Client-Server Model

◯ Single File Model

◯ Inline Model

8. An Indexer is a.... (1 Point) *

◯ A Class

◯ A Structure

⦿ A special type of property

9. How do you execute multiple SQL statements using a DataReader? (1 Point) *

◯ Set the Command.CommandTypeproperty to multiple result sets

◯ Call the ExecuteReadermethod of two Command objects and assign the results tothe same instance of a DataReader.

⦿ Set the Command.CommandTextproperty to multiple SQL statements delimited by a semicolon

◯ Call the ExecuteReadermethod of a single Command object twice.

10. How do you determine the actual SQL data type of a SqlParameter (the type expected by the SQL Server)? (1 Point) *

⦿ It is the type of column or data in SQL Server that the command expects

◯ It is the .NET Framework data type in your application that the parameter represents

◯ It is the type of column in a DataTablethat it represents

◯ It is any type defined in the SqlDbDataTypeenumeration.

11. Which of the following is true? (1 Point) *

◯ DataSet and DataTable can be binary serialized

◯ DataTable object contain DataRow and DataColoumn objects

◯ DataSet and DataTable can be XML serialized

⦿ All of the above

12. Which one of the following HTTP verbs indicates that you are creating and writing a file on the Web server? (1 Point) *

◯ GET

◯ POST

◯ SET

⦿ PUT

13. Feature of Local variable can be stated as? (1 Point) *

○ It must be declared within a method

○ It can be used anywhere in the program

○ It must accept a class

○ It represent a class object

14. You want to make a configuration setting change that will affect only the current Web application. Which file will you change? (1 Point) *

○ Global.asax

○ Machine.config

● Web.config in the root of the Web application

○ All of the above

15. Which file contains settings for all .NET application types, such as Windows, Console, ClassLibrary, and Web applications? (1 Point) *

○ Global.asax

● Machine.config

○ Web.config in the root of the Web application

○ System.config

16. Which of the following are value types? (1 Point) *

○ System.Value

○ String

● System.Drawing.Point

○ System.Drawing

17. Which of the following are reference types? (1 Point) *

○ Class

○ String

○ Exception

◉ All of the above

18. Why should you write the cleanup code in Finally block? (1 Point) *

○ A resource cannot be destroyed in the catch block

○ Compiler throws an error if you close the connection in the try block

◉ Finally, blocks run weather or not an exception occurs

○ All of the above

19. To create your application on a remote server which option you will choose in ASP. NET? (1 Point) *

◉ FTP

○ File System

○ HTTPS

○ None of the Above

20. Which of the following is not an ASP. NET page event? (1 Point) *

○ Init

○ Load

○ Disposed

◉ Import

21. In ASP .NET application, DLL files are stored in which folder? (1 Point) *

○ App_Code

◉ Bin

○ App_LocalResources

○ App_Data

SQL

22. Which join combines all rows from both tables? (1 Point) *

◉ Cross Join

○ Inner Join

○ Right Outer Join

○ Left Outer Join

23. Which SQL function is used to count the number of rows in a SQL query?
(1 Point) *

○ NUMBER()

○ SUM()

○ COUNT()

◉ COUNT(*)

24. Which of the following SQL clauses is used to DELETE tuples from a database table? (1 Point) *

◉ DELETE

○ REMOVE

○ DROP

○ CLEAR

25. Which of the following are TCL commands? (1 Point) *

○ GRANT and REVOKE

○ SELECT and INSERT

◉ ROLLBACK and SAVEPOINT

○ UPDATE and TRUNCATE

26. Which of the following statement is true? (1 Point) *

◉ DELETE does not free the space containing the table and TRUNCATE free the space containing the table

○ DELETE free the space containing the table and TRUNCATE does not free the space containing the table

○ Both DELETE and TRUNCATE does not free the space containing the table

○ Both DELETE and TRUNCATE free the space containing the table

27. What is the purpose of the SQL AS clause? (1 Point) *

- ⚪ The AS clause is used with the JOIN clause only

- ⚪ The AS clause defines a search condition

- 🔘 The AS SQL clause is used to change the name of a column in the result set or to assign a name to a derived column

- ⚪ All of the mentioned

28. Which of the following statement is used to make SQL server resize the database file to its smallest possible size? (1 Point) *

- ⚪ DBCC SHRINKFILE

- 🔘 DBCC SHRINKDB

- ⚪ DBCC SQLPERF SHRINKDB

29. _____ helps to restore the database to the point where it failed (1 Point) *

- ⚪ Differential Backups

- ⚪ File log

- ⚪ File backup

- 🔘 Transaction Log

30. Difference between UNION and UNION ALL (1 Point) *

- 🔘 UNION returns only unique records from both tables. UNION ALL returns all records from both tables

○ UNION ALL is no longer supported in sql server 2000 onward

○ Both are Similar

31. What is the default "SORT" order for a SQL? (1 Point) *

◉ Ascending

○ Descending

○ as specified by the user

○ None of the mentioned

32. If you don't specify ASC or DESC after a SQL ORDER BY clause, the following is used by default _____ (1 Point) *

◉ ASC

○ DESC

○ There is no default value

○ None of the mentioned

33. Which of the following is not correct for DELETE and TRUNCATE? (1 Point) *

○ DELETE table can be rolled back

○ TRUNCATE table cannot have triggers

◉ TRUNCATE table can have criteria

○ DELETE table can have criteria

34. Choose the incorrect option about the sql server index (1 Point) *

○ Two types of indexes - clustered indexes and non-clustered indexes

○ Both types use B-TREE for searching data

○ Only one clustered index on a table

● More than one clustered index on a table

35. The SQL Query Analyzer is the main interface for running SQL queries against your database (1 Point) *

● True

○ False

36. Which of the below is the correct syntax for a VIEW? (1 Point) *

○ CREATE VIEW ViewName AS UPDATE ...

● CREATE VIEW ViewName AS SELECT ...

○ CREATE VIEW ViewName AS INSERT ...

○ None of the above

37. Which of the following statements is/are not true for SQL profiler? (1 Point) *

○ enables you to monitor events

● check if rows are being inserted properly

○ check the performance of a stored procedure

○ all of the mentioned

Java

38. Predict the output of following code?
```
class Vehicle{
    void run(){
        System.out.println("Vehicle is running");
    }
}

class Bike2 extends Vehicle{

  void run(){

System.out.println("Bike is running safely");
}

 public static void main(String args[])
{
 Bike2 obj = new Bike2();
 obj.run();
 }
```
(1 Point) *

⦿ Bike is running safely

○ Vehicle is running Bike is running safely

○ None of the above

39. What is the Output of this program   TreeSet s1 = new TreeSet();
    s1.add("one");
    s1.add("two");
    s1.add("three");
    s1.add("four");
    s1.add("one");
    Iterator it = s1.iterator();
    while (it.hasNext())
    {
        System.out.print(it.next() + " ");

}

○ one two three four

○ four three two one

○ four one three two

○ one two three four one

40. What will be the output of following code?

```
public class Main
{
    public static void main(String[] args)
    {
        try
        {
            return;
        }

        finally
    {        System.out.println( "Finally" );        }    } }
```

○ Finally

○ An exception will be thrown at run time

○ Compilation fails

○ The code runs with no output.

41.
```
public class RTExcept{
public static void throwit ()
     {       System.out.print("throwit ");
throw new RuntimeException();
     }
public static void main(String [] args)
{        try
```

```
{          System.out.print("hello ");
throwit();
}
catch (Exception re )
{
System.out.print("caught ");
        }
         finally
         {
            System.out.print("finally ");
}

        System.out.println("after ");
      }
} (1 Point) *
```

○ Compilation fails

⦿ hello throwit caught finally after

○ hello throwit caught

○ hello throwit RuntimeException caught after

42. As the array will access by the index value, Which of these is necessary to specify at time of array initialization?
(1 Point) *

○ Row

○ Column

⦿ Both Row and Column

○ None of the mentioned

43. Which of these method of class String is used to obtain length of String object?
(1 Point) *

○ get()

○ Sizeof()

○ lengthof()

● length()

44. Which of these is supported by method overriding in Java?
    (1 Point) *

○ Abstraction

○ Encapsulation

● Polymorphism

○ None of the mentioned

45. What is the output of this program?
    public class increment {

        public static void main(String args[])
        {
            int g = 3;
            System.out.print(++g * 8);
        }
    } (1 Point) *

○ 24

● 32

○ 22

○ 28

46. Which of the following statement is true for given piece of code?

    public class College {

14

```
        public abstract int numberOfStudents ();

    }
```
(1 Point) *

○ Class College must be defined abstract

○ The keywords public and abstract cannot be used together.

○ You must add a return statement in method numberOfStudent().

○ The method numberOfStudent() in class College must have a body.

47. What does an interface contain?
    (1 Point) *

    ○ Method definition

    ● Method declaration and definition

    ○ Method name

    ○ Method declaration

48. Which of these method is used to begin the execution of a thread?
    (1 Point) *

    ○ run()

    ● start()

    ○ runThread()

    ○ startThread()

49. Which of the following is not a Java features?
    (1 Point) *

○ Architecture Neutral

◉ Use of Pointers

○ Dynamic

○ Object-oriented

50. Which of the following is a valid declaration of a char?
(1 Point) *

○ char ca = 'tea'

◉ char cr = \u0223

○ char cc = '\itea

○ char ch = '\utea'

51. What is the return type of the hashCode() method in the Object class?
(1 Point) *

○ Object

◉ int

○ long

○ void