ADO-1

Carefully read the question and answer accordingly.

How can SQL Server based applications access the information in system catalogs?

1.Using Catalog views

2.Using Database views

3.Using Information schema views

4.Using OLE DB schema rowsets

5.System stored procedures & functions

2&3&4

3&5

1&2&4

1&3&4&5 (ans)-------------------

1&2&4&5

Carefully read the question and answer accordingly.

Which all statements are applicable to System catalogs?

1.Provide a set of views that show metadata that describes the objects in an instance of SQL Server

2.Provide a set of stored procedures that show metadata that describes the objects in an instance of SQL Server

3.Provide a mechanism for dynamic applications to determine the strucutre& attributes of the objects in any database that they connect

4.Provide a mechanism for dynamic applications to analyze data contained in a particular table of a database

1&2&3

1&3-------

3&4

2&4

Carefully read the question and answer accordingly.

Identify the benefits of implementing EDM in data - intensive .NET projects

1.Generates a data access layer that isolates the data domain from the application domain

2.Handles relational database vendor or schema changes without the need to alter C# or VB source code and recompile the project

3.Models relational database concepts such as triggers & jobs

4.Models object-oriented concepts such as inheritance and hierarchical (nested) or polymorphic resultsets, which don't fit the relational model

1&4

1&2&4----------

1&2

2&3

Carefully read the question and answer accordingly.

Why are catalog views the preferred choice for accessing the information in system catalogs?

1.They provide access to all the metadata

2.The metadata information is presented in a format that is independent of any catalog table implementation

3.The metadata information is presented in a format that is dependent on system tables, hence is in a fixed format which is easy to understand

4.They provide the most direct way to obtain, transform & present customized forms of the catalog metadata

5.Catalog view names as well as the names of their columns are descriptive

1&3&5

1&2&3&4

1&2&4&5--------

2&4

3&4&5

Carefully read the question and answer accordingly.

What is the significance of ReferentialConstraint element?

1.This element specifies the value of a reference

2.This element specifies the direction in a relationship

3.This element ensures data integrity

4.This element specifies the value of an element

1&4

3&4

2&3-----------

1&2&4

Carefully read the question and answer accordingly.

Which all statements are true about Partition scheme?

1.A partition scheme specifies how the table or index is partitioned

2.A partition scheme maps the partitions produced by a partition function to a set of filegroups that you define

3.When you create a partition scheme, you define the filegroups where the table partitions are mapped, based on the parameters of the partition function

4.When you create a partition scheme, you define the databases where the table partitions are mapped, based on the parameters of the partition function

2&3---------

1&2&3

1&3

2&4

Carefully read the question and answer accordingly.

Which all statements are true about partitioning?

1.Partitioning enables you to manage and access subsets of data from large tables quickly and efficiently

2.The integrity of a data collection is maintained

3.The integrity of a data collection is not automatically maintained but will have to be handled manually

4.Maintenance operations target only the data that is required, instead of the whole table hence are more efficient

5.Maintenance operations target the whole database instead of individual tables hence are more efficient

4&5

1&2

1&3&4

2&3

1&2&4-----

Carefully read the question and answer accordingly.

In what ways entities are like objects?

1.Entities have a known type

2.Entities have properties, and these properties can hold scalar values

3.Entity properties can hold references to other entities

4.Each entity has a distinct identity

5.Entities have primary keys that uniquely identify the entity

1&3&4

1&3&4&5

1&2&4&5

1&2&3&4-------------

2&5

Carefully read the question and answer accordingly.

The Entity Framework divides the data model into three separate models which are those?

1.Conceptual

2.Relational

3.Logical

4.Physical

2&3

2&4

1&3

1&3&4--------

Carefully read the question and answer accordingly.

In ADO.NET, which of the following objects enable disconnected mode operations?

1.DataSet

2.Data Reader

3.Data Adapter

4.Command

1&3&4

1&3-----------

2&4

1&2

Carefully read the question and answer accordingly.

Which all statements are true about Entity Framework?

1.It takes care of relational databases

2.It takes care of impedance mismatch

3.It allows applications to be written against conceptual models and not directly against the database

4.It takes care of memory mismatch

2&3&4

2&3 --------------

1&3

1&4

Carefully read the question and answer accordingly.

What all services does an Entity Framework provide?

1.Query services

2.ClientView services

3.Remoting Services

4.Persistence services

5.Object services

1&3&5

1&4

1&2&4

2&3&4&5

1&2&4&5--------------

Carefully read the question and answer accordingly.

What is your observation on the following code?

```
using (SqlConnection connection = new SqlConnection(connectString))

{

connection.Open();


   // Start a local transaction.

SqlTransactionsqlTran = connection.BeginTransaction();


   // Enlist the command in the current transaction.

SqlCommand command = connection.CreateCommand();

command.Transaction = sqlTran;


try

  {

command.CommandText =

     "INSERT INTO Production.ScrapReason(Name) VALUES('Wrong size')";
```

```
command.ExecuteNonQuery();

command.CommandText =

    "INSERT INTO Production.ScrapReason(Name) VALUES('Wrong color')";

command.ExecuteNonQuery();

sqlTran.Commit();

Console.WriteLine("Both records were written to database.");

  }

catch (Exception ex)

  {

Console.WriteLine(ex.Message);

Console.WriteLine("Neither record was written to database.");

sqlTran.Rollback();

  }

}
```

The following code example demonstrates transactional logic in a DataSet

The following code example demonstrates transactional logic using ADO.NET--------

The following code example demonstrates usage of stored procedure

The following code example demonstrates usage of transactional logic in a DataAdapter

----

Carefully read the question and answer accordingly.

In ADO.NET which objects are involved in connected mode operations?

1.DataSet

2.Data Reader

3.Command

4.Connection

3&4

2&3-----------

1&2&4

1&2

Carefully read the question and answer accordingly.

What does the following code do?

// AssumesconnectionString is a valid connection string.

using (SqlConnection connection = new SqlConnection(connectionString))

{

connection.Open();

   // Do work here.

}

The following code example demonstrates how to create and open a connection-------------

The following code example demonstrates how to close a connection

The following code example demonstrates how to create and open a StoredProcedure

The following code example demonstrates how to insert a row

Carefully read the question and answer accordingly.

What does the following code denote?

var premium = from customer in Customers where customer.Grade == "Premium" select customer.Name;

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Ordering data

4.The following code shows the syntax for Filtering data

1&4

3&4

1&3

2&4-------------

Building_asp

Carefully read the question and answer accordingly.

What is the significance of @ Control directive in aaspx page?

1.It defines page-specific attributes used by the ASP.NET page parser and compiler

2.It defines control-specific attributes used by the ASP.NET page parser and compiler

3.It can be included only in .aspx files.

4.It can be included only in .ascx files

2&4--------------

3&4

1&3&4

1&2

Carefully read the question and answer accordingly.

What all activities happen during the Start stage of the page life cycle?

1.Request and Response page properties are set

2.The page determines whether the request is a postback or a new request

3.Thepage_load event is called

4.The page sets the IsPostBack property

1&2&4----------------

3&4

1&2

2&3&4

Carefully read the question and answer accordingly.

In ASP.NET which class does the code behind page inherit from?

System.Web.UI.Control

System.Web.UI.WebControl

System.Web.UI.WebPage

System.Web.UI.Page------------------

Carefully read the question and answer accordingly.

What all happens before & during the Rendering stage of the page life cycle?

1.Page load event is triggered

2.View state is saved for the page and all controls

3.Control properties are loaded with information recovered from view state and control state

4.The Render method for each control is called by the page

1&2&3

2&4-----------------------

1&3

3&4

Carefully read the question and answer accordingly.

What does the @ Import directive do?

Defines page-specific attributes used by the ASP.NET page parser and compiler

Explicitly imports an ASP.NET master page

Explicitly imports a namespace into a page or user control--------------

Defines control-specific attributes used by the ASP.NET page parser and compiler

----

Carefully read the question and answer accordingly.

How do you separate ASP.NET code from the user interface?

Using Code-Behind forms--------------------

Using ASP.NET web pages

Using User Controls

Using Custom Controls

Carefully read the question and answer accordingly.

What all happens during page load?

Control properties are set to Null

Control properties are loaded with information recovered from config files

Controls are registered

Control properties are loaded with information recovered from view state and control state------------
----

Carefully read the question and answer accordingly.

How does ASP.NET react when a page is requested by the user?

1.ASP.NET directly displays the page

2.ASP.NET automatically compiles the page

3.ASP.NET determines whether the page needs to be parsed and compiled

4.ASP.NET determines whether a cached version of the page can be sent in response without running the page

3&4--------------------

2&3

1&2&4

1&2

Carefully read the question and answer accordingly.

What all activities happen during the Initialization stage of the page life cycle?

1.Each control's UniqueID property is set

2.Postback data is loaded

3.A master page and themes are applied to the page

4.Control property values are restored to the values from view state

1&2

1&3------------

2&4

3&4

Carefully read the question and answer accordingly.

What does the following code denote?

using System;

usingSystem.Web;

usingSystem.Web.UI;

usingSystem.Web.UI.WebControls;

namespaceMyStuff

{

public class MyClass : Page

   {

protectedSystem.Web.UI.WebControls.LabelMyLabel;

protectedSystem.Web.UI.WebControls.ButtonMyButton;

protectedSystem.Web.UI.WebControls.TextBoxMyTextBox;

public void MyButton_Click(Object sender, EventArgs e)

```
    {
MyLabel.Text = MyTextBox.Text.ToString();
    }
  }
}
```

It denotes an aspx page

It denotes a header file

It denotes a code-behind page--------

It denotes a user control

classes and objects-2

Carefully read the question and answer accordingly.

Which of the following method is available in same name but with different parameters?

Loading

Duplexing

Over Loading------

Multiplexing

Carefully read the question and answer accordingly.

What you have understood from the following code? class Test: Form { }

Creates the class Test : Form

Creates the class Test that inherits the class Form-----------

All of the listed options

Creates the class form that inherits the class Test

Carefully read the question and answer accordingly.

Which of the following statements is correct about classes and objects in C#.NET?

Since objects are typically big in size, they are created on the stack.

Class is a value type.

Objects of smaller size are created on the heap.

Objects are always nameless.---------

Carefully read the question and answer accordingly.

Which of the following is the feature of a local variable?

It must accept a class

It must declared within class-----

It represent the class object

It can be used anywhere in the program

Carefully read the question and answer accordingly.

Which of the following statements is correct?

Procedural Programming paradigm is different than structured programming paradigm.

Object Oriented Programming paradigm stresses on dividing the logic into smaller parts and writing procedures for each part.

Object Oriented Programming paradigm gives equal importance to data and the procedures that work on the data. ---------------

Classes and objects are corner stones of structured programming paradigm.

Carefully read the question and answer accordingly.

What is the output of the code public class B : A { }?

It defines the class cannot inherit the properties of the Class A

It defines the class that inherit the properties of the Class A

It defines the class that inherit the properties of the Class A but cant access the private methods ------------

Errors

Carefully read the question and answer accordingly.

What will happen if you put a break statement inside the anonymous method?

It will generate an error ------------

The control will be passed to the next statement outside the anonymous method

The control will be passed to the next method

The control will be passed to the next statement in the anonymous method

---

Carefully read the question and answer accordingly.

An instance variable:

represents an attribute of an object-------------

is a method of a class

is an object of a class

is a property of class

Carefully read the question and answer accordingly.

Which of the following statements are correct?

1.Instance members of a class can be accessed only through an object of that class.

2.A class can contain only instance data and instance member function.

3.All objects created from a class will occupy equal number of bytes in memory.

4.A class is a blueprint or a template according to which objects are created.

1&2&3

2&3

1&3&4----------

1&4

Carefully read the question and answer accordingly.

A variable which is declared inside a method is called a_____variable.

Serial

Private

Static

Local------------

Carefully read the question and answer accordingly.

Which of the following is the correct way to create an object of the class Sample?

1.Sample s = new Sample();

2.Sample s;

3.Sample s; s = new Sample();

4.s = new Sample();

2&3&4

1&2&3

2&4

1&3------------

classes and objects-1

Carefully read the question and answer accordingly.

Which of the statements are true for Read-Only fields?

1.Read-Only fields cannot be changed during program execution

2.Read-Only fields have to be declared at the namespace level

3.Read-Only fields are initialized during runtime

4.Read-Only fields can be read as many times as needed

1&3&4 ------------

2&4

2&3

1&2

Carefully read the question and answer accordingly.

Which of the following are Object Members?

1.Namespaces

2.Constructors

3.Fields

4.Nested Objects

5.Projects

2&3

2&3&4---------
1&3&5

1&3&4

2&5

Carefully read the question and answer accordingly.

Which all are the main features of Static classes?

1.They only contain static members

2.They cannot be instantiated

3.They have to be instantiated

4.They can be inherited

5.They are sealed

1&4&5

1&3

2&3&4

2&4

1&2&5-------------

Carefully read the question and answer accordingly.

Which all statements are true about Properties?

1.Properties encapsulate access to public fields

2.Properties encapsulate access to private fields

3.With Properties even if the implementation of private state changes, the implementation is not broken

4.With Properties even the implementation of private state cannot change

1&3

2&4 ----------

1&4

1&2&3

Carefully read the question and answer accordingly.

Which statements are true about Indexers?

1.Indexers like Properties have get and set accessors

2.Indexers like Arrays use square bracket syntax to access members

3.Indexers are Read-Only

4.Indexers like Methods can have parameters

3&4

2&3&4

1&2&4 --------------

1&2

Carefully read the question and answer accordingly.

Which of the statements are true about Fields?

1.Fields represent the Data portion of the class

2.Fields are declared in methods

3.They are the state of an object

4.They are the members of the class

2&3

1&3&4 --------------

1&2&4

1&4

Carefully read the question and answer accordingly.

What does the following code denote?

```
public string this[inti]
{
get
{
if (i>= 5 &&i< 25)
 {
returncustomerNames [i];
```

```
  }
return null;
}


set
{
if (i>= 5 &&i< 25)
  {
customerNames [i] = value;
  }
}
}
```

Usage of a Property ---------------

Usage of an Indexer

Usage of an Array

Usage of a Method

Carefully read the question and answer accordingly.

Which of the following statements is correct about the C#.NET code snippet given below? class Student s1, s2; // Here 'Student' is a user-defined class.

s1 = new Student();

s2 = new Student();

Contents of the two objects created will be exactly same.--------------

The two objects will get created on the stack.

Contents of s1 and s2 will be exactly same.

The two objects will always be created in adjacent memory locations.

Carefully read the question and answer accordingly.

What are your observations on the following code?

```
using System;
using System.IO;

class Test
{
public static void Main()
  {
try
    {

using (StreamReadersreader = new StreamReader("SampleFile.txt"))
       {
string line;
while ((line = sreader.ReadLine()) != null)
         {
Console.WriteLine(line);
         }
       }
    }

catch (Exception e)
    {
    // Some exception
    }
  }
}
```

1.Following code shows how to use a StreamReader

2.Following code reads from a Stream

3.Following code reads from a Text file

4.Following code reads from the memory

1&3 --------------

2&3

1&4

2&4

Carefully read the question and answer accordingly.

In the following statement a for loop executes the initializer then shifts the control to the statements in the code block & after one iteration, updates the modifier and checks the boolean expression. State True or False.


```
for (initializer; Boolean expression; modifier)
{
statement(s)
}
```


FALSE----------

TRUE

Carefully read the question and answer accordingly.

Which of the statements are true for Constant fields?

1.Constant fields cannot be changed during program execution

2.Constant fields can be read as many times as needed

3.Constant fields have to be declared at namespace level

4.Constant fields are initialized during runtime

2&3

1&3

1&2 ----------

3&4

Carefully read the question and answer accordingly.

Which of the following statements is correct about the C#.NET code snippet given below? class Sample

{

privateinti;

public Single j;

private void DisplayData()

  {

Console.WriteLine(i + " " + j);

  }

public void ShowData()

  {

Console.WriteLine(i + " " + j);

  }

}

DisplayData() cannot access j.

There is no error in this class.----------

DisplayData() cannot be declared as private.

j cannot be declared as public.

Carefully read the question and answer accordingly.

What are your observations on the following code?

```
// File-A
using System;
public class Program
{
static void Main()
{
noOfEmployees= 25;
}
}


// File-B
using System;
public class Program
{
private static intnoOfEmployees;
}
```

Partial modifier should be used instead of Public -------------

Protected modifier should be used instead of Public

Private modifier should be used instead of Public

The code is perfect

Carefully read the question and answer accordingly.

When does Unboxing occur?

Unboxing occurs when you assign a variable of type object to a variable with same type as the true type of the object ----------

Unboxing occurs when you assign a reference type variable to a variable of type object

Unboxing occurs when you assign a value type variable to a variable of type object

Unboxing occurs when you assign a value type variable to another variable of type value

Creating value types

Carefully read the question and answer accordingly.

What are your observations on the following code?

interfaceIImage

{

void Paint();

}

struct Picture : IImage

{

public void Paint()

  {

    // painting code goes here

  }

privateint x, y, z; // other struct members

}

1.Following code is an example of a class

2.Following code is an example of a struct

3.Following code shows how struct implements an interface

4.Following code denotes polymorphism

1&3

1&4

2&3---------

2&4

Carefully read the question and answer accordingly.

What all elements can a struct contain?

1.Constructors

2.Constants

3.Namespaces

4.Fields

5.Methods

3&4

1&2&4&5 --------------

1&2&3&5

2&4

1&3&5

Carefully read the question and answer accordingly.

What are your observations on the following code?

using System;

structSimpleStruct

{

protectedintxval;

publicint X

  {

```
get
    {
returnxval;
    }
set
    {
if (value < 100)
xval = value;
    }
  }
public void DisplayX()
  {
Console.WriteLine("The stored value is: {0}", xval);
  }
}
```

1.Following code is an example of a class

2.Following code is an example of a struct

3.Struct members can be inherited

4.Struct members cannot be declared as protected

1&3

1&2&4

1&2

2&4 --------------

Carefully read the question and answer accordingly.

The space required for structure variables is allocated on stack.

State True or False.

True -------------

False

Carefully read the question and answer accordingly.

Creating empty structures is allowed in C#.NET.

State True or False.

True

False -----------

Carefully read the question and answer accordingly.

Which of the following statements are correct about an enum used inC#.NET?

1.To use the keyword enum, we should either use [enum] or System.Enum.

2.enum is a keyword.

3.Enum is class declared in System.Type namespace.

4.Enum is a class declared in System namespace.

1&2&3

1&2

2&4-----------

3&4

Carefully read the question and answer accordingly.

An enum that is declared inside a class, struct, namespace or interface is treated as public.

State True or False.

False

True --------------

Carefully read the question and answer accordingly.

Which of the following CANNOT be used as an underlying datatype for an enum in C#.NET?

byte

int

short

float------------

Carefully read the question and answer accordingly.

Which of the following statements is correct about an enum used in C#.NET?

enum is a reference type.

Whether it a value type or a reference type depends upon a Project Setting made in Visual Stiiclio.NET.

Whether it a value type or a reference type depends upon size.

enum is a value type.------------

Carefully read the question and answer accordingly.

Which of the following statements are correct about enum used in C#.NET?

1.Everyenum is derived from an Object class.

2.Everyenum is a value type.

3.There does not exist a way to print an element of an enum as a string.

4.The default underlying datatype of an enum is int.

1&3

3&4

1&2&4 ---------------

2&4

cursors-2

Carefully read the question and answer accordingly.

Which statements are true about cursors?

1.Opening a cursor on a result set allows processing the result set one row at a time

2.Opening a cursor on a result set allows processing the complete result set

3.You cannot assign a cursor to a variable or parameter

4.You can assign a cursor to a variable or parameter with a cursor data type

2&4

1&4-----------

3&4

1&2&3

Carefully read the question and answer accordingly.

How do cursors extend result processing?

1.By allowing positioning at specific rows of the result set

2.By allowing modification to the database structure to improve efficiency

3.By retrieving one row or block of rows from the current position in the result set

4.By supporting data modifications to the rows at the current position in the result set

1&2

2&3&4

1&3&4-------------

3&4

Carefully read the question and answer accordingly.

Which are the two ways of requesting a cursor?

1.Transact-SQL

2.Events handling

3.Database application programming interface (API) cursor functions

4.Windows programming interface (API) cursor functions

1&4

1&3----------

2&3&4

3&4

Carefully read the question and answer accordingly.

SQL Server supports cursor functionality for which Database APIs?

1.DAO

2.ADO

3.OLE DB

4.ODBC

5.RDO

2&4&5

3&5

1&3&4

2&3&4 -------------

1&4&5

Carefully read the question and answer accordingly.

On what parameters will you choose a cursor type?

1.Size of the result set

2.Size of the Database

3.Percentage of data needed

4.Need for cursor operations

5.Level of visibility to data modified by other users

1&3&4&5 --------------

2&3&4

2&4

4&5

1&3&5

Carefully read the question and answer accordingly.

What are the implications of the CLOSE statement on a cursor?

1.Closes an open cursor

2.Releases current resultset

3.Releases cursor locks held on the rows on which the cursor is positioned

4.Releases the database connections

5.Drops dynamic recordsets

4&5

1&3&4

2&3&5

1&2&3&4

1&2&3 ------------

Carefully read the question and answer accordingly.

What are the implications of the DEALLOCATE statement on a cursor?

1.It removes a cursor reference

2.It closes the database

3.It removes the database reference

4.When the last cursor reference is deallocated, the data structures comprising the cursor are released by Microsoft SQL Server

2&4

3&4

1&4 ------------

1&2&3

Carefully read the question and answer accordingly.

What is the impact of OPEN statement on the cursor?

1.It opens a Database connection

2.It opens a Transact-SQL server cursor

3.It populates the cursor by executing the Transact-SQL statement specified on the DECLARE CURSOR or SET cursor_variable statement

4.It populates the recordset by executing the Transact-SQL statement

1&4

2&3 -----------

1&2

3&4

Carefully read the question and answer accordingly.

Which statements are true about @@FETCH_STATUS function?

1.It returns the status of the last cursor FETCH statement issued against any cursor currently opened by the connection

2.It returns the status of the first cursor FETCH statement issued against any cursor currently opened by the connection

3.It is a deterministic function

4.It is a nondeterministic function

1&3&4

only 1

1&4 --------------

2&3&4

Carefully read the question and answer accordingly.

How does ODBC specify the characteristics of a cursor?

1.Setting Cursor Types

2.Setting Cursor Attributes

3.Setting Cursor Behavior

4.Setting Cursor Elements

3&4

1&3 --------------

1&2&3

2&4

inheritance

Carefully read the question and answer accordingly.

Which all statements are true for static methods?

1.Static methods do not depend on any object state

2.Static methods depend on an object state

3.Static methods eliminate the overhead of creating an object instance

4.Static methods are same as public methods

3&4

2&3

1&3 --------------

1&2&4

Carefully read the question and answer accordingly.

What you have understood from the following code? class Test: Form { }

All of the listed options

Creates the class Test that inherits the class Form--------------

Creates the class Test : Form

Creates the class form that inherits the class Test

Q3

Carefully read the question and answer accordingly.

What does the following code denote?

public class Contact
{
public string Name { get; set; }
public string Email { get; set; }
public string Address { get; set; }
public string City { get; set; }

```
protected string FullAddress()

{

return Address + ' ' + City;

}

}


class Customer : Contact

{

public string FullAddress()

{

stringfullAddress = "";

  // Some statements


returnfullAddress;

}

}
```

1.It is an example of inheritance

2.It shows how a method in base class can be used in the derived class

3.It shows how a method in base class is hidden from the user

4.It shows how polymorphism is implemented

1&3&4

1&2

1&3 --------------

2&4

Q4

Carefully read the question and answer accordingly.

What are your observations on the following code?

sealed class PatientStats

{

publicbool Gender { get; set; }

publicintNumberOfVisits { get; set; }

public string Name { get; set; }

}

class Patient

{

publicPatientStats Stats { get; set; }

}

1.It is an example of inheritance

2.It is an example of polymorphism

3.It is an example of sealed class

4.One class is used as an encapsulated object in another class

3&4 ----------------

2&4

1&2

1&3&4

Q5

Carefully read the question and answer accordingly.

Which of the following statements are true for Protected Access?

1.Protected members can be accessed by all the code

2.Protected members can be accessed only by members of the same class or through inheritance

3.Protected access is less restrictive than private access but more restrictive than public access

4.Protected access is more restrictive than private access but less restrictive than public access

2&4

1&4

1&2&4

2&3-------------

Q6

Carefully read the question and answer accordingly.

How can you call Base class members from a derived class?

1.By declaring them as private

2.By declaring them as public

3.By declaring them as protected

4.By declaring them as static

2&3-------------

1&2

1&4

3&4

Q7

Carefully read the question and answer accordingly.

Which statements are true about the following code?

```
class Contact
{
protected internal bool Active { get; set; }
}

sealed class CustomerStats:Contact
{
internalbool Gender { get; set; }
internal decimal Income { get; set; }
internalintNumberOfVisits { get; set; }
}
```

1.Objects in the same assembly have access to the protected internal member Active

2.Derived classes inside the assembly have access to protected internal member Active

3.Derived classes outside the assembly have access to protected internal member Active

4.Derived classes do not have access to protected internal members

1&2&3 -------------

1&3&4

1&3

2&4

Q8

Carefully read the question and answer accordingly.

What are your observations about the following code?

class Contact

```
{
public string FullAddress()
{
  // some code
}
}

classWebSite
{
// members
}

public class SiteOwner : Contact
{
WebSitemySite = new WebSite();
public new string FullAddress()
{
stringfullAddress = mySite.ToString();
  // create an address...
returnfullAddress;
}
}
```

1.It denotes Inheritance

2.It denotes Encapsulation

3.It denotes Versioning

4.It denotes Overriding

1&3 ----------------

2&4

1&3&4

1&2

Q9

Carefully read the question and answer accordingly.

What does the following code denote?


```
public class Contact
{
public string Name { get; set; }
public string Email { get; set; }
public string Address { get; set; }
public string City { get; set; }

protected string FullAddress()
{
return Address + ' ' + City;
}
}

class Customer : Contact
{
public string GetAddressDetails()
{

stringfullAddress = FullAddress();
  // Some statements

returnfullAddress;
}
}
```

1.It is an example of polymorphism

2.It shows how a method in base class can be used in the derived class

3.It shows how a method in base class is hidden from the user

4.It is an example of inheritance

2&4 -------------------

1&2&3

1&3

1&2&4

Q10

Carefully read the question and answer accordingly.

What does the following code denote?

```
public class Contact
{
public string Name { get; set; }
public string Email { get; set; }
public string Address { get; set; }
}

class Customer : Contact
{
public string Gender { get; set; }
public decimal Income { get; set; }
}
```

Overloading

Encapsulation

Overriding

Inheritance ------------

designing asp.net website2

1,Carefully read the question and answer accordingly.

What happens when an ASP.NET application is compiled?

1.The application is compiled to machine code

2.The compiler compiles the application to an intermediate language (IL)

3.The compiled application can be directly executed

4.When the application executes, the intermediate code is compiled by Just-in-time compiler & that too at method level

2&4 -------------

1&3&4

2&3

1&4

2,Carefully read the question and answer accordingly.

How does the server handle a page request? Please arrange the steps in right order

I: If the class hasn't changed the previously compiled code is executed

II: The class is recompiled from the new source

III: If the class has changed the old code is deleted

IV: The server checks whether the requested page has changed

IV, II, I, III

IV, I, III, II----------

I, II, III, IV

II, III, IV, I

3,Carefully read the question and answer accordingly.

What all happens when a button on an ASP.NET page is clicked?

The click event is raised only when the page containing the button is posted back to the server------

The click event is directly sent to the server from the client page

The click event is executed in the browser at the client side

The click event calls a web service

4,Carefully read the question and answer accordingly.

ASP.NET supports VBScript;

State True or False.

True

False -----------

5,Carefully read the question and answer accordingly.

Which statements are true about Directives?

1.A directive begins with a <%

2.A directive ends with a %>

3.Directives are used to directly compile an ASP.NET page

4.Directives are used primarily to provide the compiler with the information it needs to compile the page

1&3

1&2

1&2&4------------

3&4

6,Carefully read the question and answer accordingly.

How can you use multiple languages in same ASP.NET page?

One ASP.NET page cannot have multiple languages-------------

By using <% Page %> directive

By using <% Code %> directive

By using <% Langauge %> directive

7,Carefully read the question and answer accordingly.

_____ allows you to create dynamically generated web pages from the server side using a scripting language such as VBScript or JavaScript.

ASP ------------

CGI

HTML

SGML

8,Carefully read the question and answer accordingly.

How does ASP.NET leverage on the .NET framework?

1.By using the Framework Class Library (FCL) of .NET

2.By using configuration files

3.By taking advantage of Common Language Runtime (CLR)

4.By executing in web browsers

1&2&4

3&4

1&3 --------------

2&4

9,Carefully read the question and answer accordingly.

_____ is a network protocol used to deliver virtually all files and other data, collectively called resources, on the World Wide Web.

PPP

HTTP --------------

TCP/IP

UDP

LDAP

10,Carefully read the question and answer accordingly.

What can be used by the browser to recognize a user who returns back to a website after several hours?

Application variables

Session variables

Local variables

Cookies-----------

12,Carefully read the question and answer accordingly.

What is a Web Server?

A network application that listens for HTTP requests & responds to the requests by sending data to the client which is usually a web browser------

A server application that runs on the client

A server application that runs on the web

A network application that connects multiple servers

13,Carefully read the question and answer accordingly.

Importing namespaces adds overhead to my applications.

State True or False.

False------------------------------

True

15,Carefully read the question and answer accordingly.

Which statement is true about session variables?

Session variables are used to store information about assemblies used in the current session

Session variables are used to store information about the entire application state

Session variables are stored locally

Session variables are used to store information that can be retrieved by other pages during the course of a user session--------------

17,Carefully read the question and answer accordingly.

_____ are cleared when the server is restarted.

Local variables

Session variables

Application variables ----------------------

Cookies

18,Carefully read the question and answer accordingly.

Which namespace has to be included in the code if you want to use DataSets or DataReaders?

System.Data-----------------------

System.XML

System.DataSource

System.Web

22,Carefully read the question and answer accordingly.

How do you identify whether a page is posted back or not?

By checking the ViewState property

By checking the PostBack property

By checking the event log

By checking the IsPostBack property -----------------------

24,Carefully read the question and answer accordingly.

What is a URL?

The response from the server to a client request

A command that locates a particular resource on the web

A string that represents a client request for a resource on a server-----------------------------

A command to locate a particular web server

25,Carefully read the question and answer accordingly.

_____ are small amounts of data sent by a program to the browser and stored on the user's machine to be retrieved later.

Cookies -----------------------

Session variables

Application variables

Objects

27,Carefully read the question and answer accordingly.

How do you make an assembly visible to all the web applications instead of just one?

By declaring the assembly public

An assembly is private to a web application & cannot be shared

By registering the assembly in Global Assembly Cache-----------------------

By registering the assembly in the same folder as the IIS root folder

----
----

exception handling

1,Carefully read the question and answer accordingly.

Which all are the most severe exceptions?

1.ExecutionEngineException

2.InvalidCastException

3.StackOverflowException

4.OutOfMemoryException

1&2&4

1&3

1&3&4 ----------

2&4

2,Carefully read the question and answer accordingly.

Which statements are true about interop exceptions?

1.Interop exceptions are derived from ApplicationException

2.Interop exceptions are derived from SystemException

3.Interop exceptions are extended by ApplicationException

4.Interop exceptions are extended by ExternalException

1&3

2&4-------------

1&2

3&4

3,Carefully read the question and answer accordingly.

Which all exceptions are derived from SystemException?

1.ApplicationException

2.ExternalException

3.ArguementException

4.InvalidOperationException

1&2&4

1&4

2&3&4----------------------

2&3

4,Carefully read the question and answer accordingly.

Which of the following statements is correct about an Exception?

It occurs during Just-In-Time compilation.

It occurs during linking.

It occurs during compilation.

It occurs at run-time. ----------------------

5,Carefully read the question and answer accordingly.

Which of the following statements is correct about the C#.NET program given below? using System;

namespaceIndiabixConsoleApplication

{

classMyProgram

  {

static void Main(string[] args)

```
        {
int index = 6;
intval = 44;
int[] a = new int[5];
try
            {
a[index] = val ;
            }
catch(IndexOutOfRangeException e)
            {
Console.Write("Index out of bounds ");
            }
Console.Write("Remaining program");
        }
    }
}
```

It will output: Index out of bounds

Value 44 will get assigned to a[6].

It will output: Index out of bounds Remaining program --------------------

It will output: Remaining program

6,Carefully read the question and answer accordingly.

Which of the following statements are correct about exception handling in C#.NET?

1.If an exception occurs then the program terminates abruptly without getting any chance to recover from the exception.

2.No matter whether an exception occurs or not, the statements in the finally clause (if present) will get executed.

3.A program can contain multiple finally clauses.

4.finally clause is used to perform clean up operations like closing the network/database connections.

1&2

1&3

1&3&4

2&4--------------------

7,Carefully read the question and answer accordingly.

Which of the following statements are correct about exception handling in C#.NET?

1.If our program does not catch an exception then the .NET CLR catches it.

2.It is possible to create user-defined exceptions.

3.All types of exceptions can be caught using the Exception class.

4.CLRExceptions is the base class for all exception classes.

1&2&3-------------------

1&3

1&3&4

2&4

8,Carefully read the question and answer accordingly.

Which of the following statements is correct about the C#.NET program given below if a value "6" is input to it? using System;

namespaceIndiabixConsoleApplication

```csharp
{
classMyProgram
    {
static void Main(string[] args)
        {
int index;
intval = 44;
int[] a = new int[5];
try
            {
Console.Write("Enter a number:");
index = Convert.ToInt32(Console.ReadLine());
a[index] = val;
            }
catch(FormatException e)
            {
Console.Write("Bad Format");
            }
catch(IndexOutOfRangeException e)
            {
Console.Write("Index out of bounds");
            }
Console.Write("Remaining program");
        }
    }
}
```

It will output: Bad Format Remaining program

It will output: Remaining program

It will output: Bad Format

It will output: Index out of bounds Remaining program---------------

9,Carefully read the question and answer accordingly.

Which of the following statements are correct about exception handling in C#.NET?

1.try blocks cannot be nested.

2.In one function, there can be only one try block.

3.All values set up in the exception object are available in the catch block.

4.While throwing a user-defined exception multiple values can be set in the exception object.

1&2&3

3&4------------------------------

1&4

2&3

10,Carefully read the question and answer accordingly.

Which of the following statements is correct about the C#.NET program given below if a value "ABCD" is input to it? using System;

namespaceIndiabixConsoleApplication

{

classMyProgram

  {

static void Main(string[] args)

    {

int index;

int vat = 88;

int[] a = new int(5);

try

```
        {
Console.Write("Enter a number: ");

index = Convert.Toint32(Console.ReadLine());

a[index] = val;

        }

catch(Exception e)

        {

Console.Write("Exception occurred");

        }

Console.Write("Remaining program");

    }

  }

}
```

It will output: Remaining program

It will output: Remaining program Exception occurred

It will output: Exception occurred Remaining program -----------------

It will output: Exception occurred

11,Carefully read the question and answer accordingly.

Which of the following statements are correct about exception handling in C#.NET?

1.If an exception occurs then the program terminates abruptly without getting any chance to recover from the exception.

2.No matter whether an exception occurs or not, the statements in the finally clause (if present) will get executed.

3.A program can contain multiple finally clauses.

4.finally clause is used to perform clean up operations like closing the network/database connections.

1&2

2&4 ----------------------

1&3&4

1&3

DATATYPES

----

1)Carefully read the question and answer accordingly.

What is wrong in the following code?

int choice=3

switch (choice)

{

case 1:

MessageBox.Show("One");

case 2:

MessageBox.Show("Two");

case 3:

MessageBox.Show("Three");

break;

}

case 3 should not have a 'break' statement

every case should have a 'break' statement ----------------------------

The code is correct

switch statement cannot have an integer as an argument

2)Carefully read the question and answer accordingly.

What does following code denote, choose multiple if applicable?

stringstrVal = "Y";

while (strVal == "Y");

1.Conditional statement

2.looping statement

3.unending loop

4.unreachable loop

2&3---

1&2

3) Carefully read the question and answer accordingly.

What are your observations on the following code?

int choice=3;

while (choice == 2) ;

MessageBox.Show("Entered");

while loop will never get executed ------------------

while loop will get executed 2 times

while loop is syntactically incorrect

Integer variable cannot be used in the while loop

4)Carefully read the question and answer accordingly.

What are your observation on the following syntax?

for (Boolean expression; initializer; modifier)

[{]

statement(s)

[}]

1.The syntax is correct

2.initializer should be the first statement

3.initializer should be the last statement

4.boolean expression should be the second statement

2&4---

5)Carefully read the question and answer accordingly.

Which all values can a bool type have?

ans:TRUE and 1

Carefully read the question and answer accordingly.

What is the result of the following code snippet?

charexamGrade = '\x0041';

Value 'A' will be assigned to variable examGrade of type char------------------------

Value '\x0041' will be assigned to variable examGrade of type char

Value 'a' will be assigned to variable examGrade of type char

Value '41' will be assigned to variable examGrade of type char

6)Carefully read the question and answer accordingly.

Please Identify values that sbyte can hold.

1.-128

2.128

3.127

4.256

1&3--

7)Carefully read the question and answer accordingly.

Identify statements that are true for short type.

1.short type can hold 32 bits of data

2.short type can hold 16 bits of data

3.short type can hold data from 0 to 65535

4.short type can hold data from -32768 to 32767

1&2&4

3&4

2&4 ---

8)Which statements are true about unit type?

1.unit type can hold 32 bits of data

2.unit type can hold 16 bits of data

3.unit type can hold data from -2147483648 to 2147483647

4.unit type can hold data from 0 to 4294967295

1&4--

9)Which data types are of size 64 bits?

1.int

2.long

3.ulong

4.float

5.Double

2&3&5----------------------------

1&5

1&2&3

3&4

ASP.NET SECURITY CONTROL

1)Carefully read the question and answer accordingly.

Which control lets you display a progress indicator while an UpdatePanel is updating its content?

UpdatePanel control

UpdateProgress control----------------------------------

UpdateStatus control

ScriptManager control

2)Carefully read the question and answer accordingly.

What does the TargetControlID property of the DragPanel extender control contain?

It contains the ID of the Panel control to drag-------------------------------

It contains the ID of the Panel control on which the other control will be dragged

The ID of the control that the user clicks to drag the Panel control

The ID of the panel control that the user clicks to drag the child control

3)How is an error handled by default during an asynchronous postback?

A Javascript alert box appears that displays an error message----------------------

A 'Page not found' error is thrown

The web server transmits an error message

The application crashes

4)How does the Animation control react to OnHoverOver event?

Animation plays when you hover your mouse over the target-------------------------------

Animation pauses when you hover your mouse over the target

Animation stops when you hover your mouse over the target

Animation loads when you hover your mouse over the target

5)Which control enables you to display an animation while the UpdatePanel is performing an asynchronous postback

SlideShow

UpdatePanelAnimation ----------------------

Animation

DropShadow

6)Where is the supporting code for client-side Microsoft AJAX Framework present?

JavaScript.js

Ajax.js

Microsoft.js

MicrosoftAjax.js -------------------------------------

7)Which file contains the JavaScript code for supporting the UpdatePanel control?

Javascript.js

Ajax.js

MicrosoftAjaxWebForms.js --------------------------------

MicrosoftAjax.js

8)What does the redirectUrl parameter of AuthenticationService.Login method do?

It redirects the user to an error page on unsuccessful login attempt

It redirects the user to a functional page after successful authentication-------------------------------------

It redirects the user to login page on unsuccessful login attempt

It redirects the user to the logout page after unsuccessful authentication

9)Carefully read the question and answer accordingly.

To use Role service, you need to do which of the folllowing 2 configuration changes to your web.config?

1.enabling the role service by adding <roleService> element to the <system.web.extensions> section of your web.config file

2.enabling the role service by adding <role> element to the <system.web.extensions> section of your web.config file

3.enabling the roles by adding <roleManager enabled="true" /> element to the <system.web> section of your web.config file

4.enabling the roles by adding <role enabled="true" /> element to the <system.web> section of your web.config file

2&4

2&3

1&3-------------------------------------

1&4

10)What does the Profile service do?

It shows user profiles

It enables you to load information associated with a user across multiple visits to a web application

It enables you to store information associated with a user across multiple visits to a web application-
----

It enables you to display information associated with a user across multiple visits to a web application

GENIRICS AND COLLECTIONS

Carefully read the question and answer accordingly.

What are your observations on the following code?

private void CheckForValueType<T>(T type)

where T : struct, IHoldVal

{

type.Val = 5;

}

1.Code denotes usage of Generics Constraint

2.Code denotes Base Class Generics constraint

3.Code denotes Value Type Generics Constraint

4.Code denotes Reference Type Generics Constraint

 1&2

 1&3---

 2&4

 2&3&4

Carefully read the question and answer accordingly.

Which of the following statements are valid about generics in .NET Framework?

1.Generics is a language feature.

2.We can create a generic class, however, we cannot create a generic interface in C#.NET.

3.Generics delegates are not allowed in C#.NET.

4.Generics are useful in collection classes in .NET framework.

1&2

1&3&4

1&4--

2&3

Carefully read the question and answer accordingly.

What are your observations on the following code?

private void CheckForReferenceType<T>(T type) where T : class, IHoldVal

{

type.Val = 5;

}

1.Code denotes usage of Generics Constraint

2.Code denotes Base Class Generics constraint

3.Code denotes Interface Generics constraint

4.Code denotes Reference Type Generics Constraint

1&4--

2&4

1&3&4

1&2

Carefully read the question and answer accordingly.

What are your observations on the following code?

private void PrintEnumerableValues<T, U>(T myItems) where T : IEnumerable<U>

{

foreach (U item in myItems)

{

Console.WriteLine(item);

}

}

1.Code denotes usage of Generics Constraint

2.Code denotes Reference Type Generics constraint

3.Code denotes Base Class Generics constraint

4.Code denotes Interface Generics constraint

   1&4 ---

   2&3

   1&2&4

   3&4

Carefully read the question and answer accordingly.

What does the following code denote?

firstName =>firstName == "John";

   Usage of Unary operator

   Usage of Ternary operator

   Usage of Lambda expression--

   Usage of Arithmetic expression

Carefully read the question and answer accordingly.

What does the generics constraint of type Interface do?

1.Forces type parameter to inherit the base class defined by the constraint

2.Forces type parameter to inherit the interfaces defined by the constraint

3.Ensures that the object passed as a parameter implements specific members

4.Forces type parameter to be a reference type object

2&3&4

1&4

2&3---

1&2&4

Carefully read the question and answer accordingly.

What does the following code denote?

```
public class CustomerList : List<Customer>
{
public intDistinctCities
{
 get
 {
  // compute number of unique cities
  // that customers live in
  return 7;
 }
}
}
```

  A Class that derives from an Indexer

  A Class that implements an Interface

  A Class that derives from a Value type

  A Class that derives from a Generic type---------------------------

Carefully read the question and answer accordingly.

For the code snippet shown below, which of the following statements are valid?


```
public class TestIndiaBix
{
  public void TestSub<M> (M arg)
  {
```

```
Console.Write(arg);
   }
}
class MyProgram
{
   static void Main(string[] args)
   {
TestIndiaBixbix = new TestIndiaBix();
bix.TestSub("IndiaBIX ");
bix.TestSub(4.2f);
   }
}
```

   Program will generate a run-time exception.

   Compiler will generate an error.

   Program will compile and on execution will print: IndiaBIX 4.2---
----

   A non generic class Hello cannot have generic subroutine.

Carefully read the question and answer accordingly.

Which of the following problems of non-generic collection does generics solve?

1.Lack of flexibility

2.Lack of type safety

3.Lack of security

4.Lack of performance while using value types

   1&2&3

   2&4--

   1&4

   1&3

Carefully read the question and answer accordingly.

How is ArrayList different from Array?

1.Both are same

2.ArrayList length can increase automatically

3.ArrayList can work generically with any type

4.Array can work generically with any type

 1&3&4

 1&2

 3&4

 2&3---

Which all statements are true about Base class Generics constraints?

1.Force type parameter to inherit the base class defined by the constraint

2.Force type parameter to inherit the interfaces defined by the constraint

3.Ensure that the object passed as a parameter implements specific members

4.Ensure that a parameter inherits the specified base class

 2&3

 1&4--

 1&2&4

 1&3

Which all collections can be implemented using Generics?

1.Arrays

2.Dictionaries

3.Lists

4.Stacks

 2&3&4------------------------------------

 1&2

 1&3&4

 2&3

For the code snippet given below, which of the following statements is valid?

```
public class Generic<T>
{
    public T Field;
}
class Program
{
    static void Main(string[ ] args)
    {
        Generic<String> g = new Generic<String>();
g.Field = "Hello";
Console.WriteLine(g.Field);
    }
}
```

  It will print string "Hello" on the console.-------------------------

  Name Generic cannot be used as a class name because it's a keyword.

  Compiler will give an error.

  Member Field of class Generic is not accessible directly.

Which of the following statements is valid about advantages of generics?

  Generics eliminate the possibility of run-time errors.

  Generics provide type safety without the overhead of multiple implementations.------------------------
----

  Generics shift the burden of type safety to the programmer rather than compiler.

  Generics require use of explicit type casting.

What does the following code denote?

```
public class CustomerList : List<Customer>
{
public intDistinctCities
{
 get
 {
  // compute number of unique cities
  // that customers live in
  return 7;
 }
}
}
```

 A Class that implements an Interface

 A Class that derives from a Generic type--------------------------

 A Class that derives from an Indexer

 A Class that derives from a Value type

Which all collections can be implemented using Generics?

1.Arrays

2.Dictionaries

3.Lists

4.Stacks

 2&3

 2&3&4 -------------------------------------

 1&2

 1&3&4

What are your observations on the following code?

```
private void CheckForValueType<T>(T type)

where T : struct, IHoldVal

{

type.Val = 5;

}
```

1.Code denotes usage of Generics Constraint

2.Code denotes Base Class Generics constraint

3.Code denotes Value Type Generics Constraint

4.Code denotes Reference Type Generics Constraint

 2&4

 1&2

 1&3--

 2&3&4

Which of the following statements are valid about generics in .NET Framework?

1.Generics is a language feature.

2.We can create a generic class, however, we cannot create a generic interface in C#.NET.

3.Generics delegates are not allowed in C#.NET.

4.Generics are useful in collection classes in .NET framework.

 2&3

 1&3&4

 1&4 --

 1&2

Which of the following statements is valid about advantages of generics?

 Generics require use of explicit type casting.

 Generics shift the burden of type safety to the programmer rather than compiler.

 Generics eliminate the possibility of run-time errors.

 Generics provide type safety without the overhead of multiple implementations. ------------------------
----

What are your observations on the following code?

intiEmpNo = 10;

string strEmpName = "Johm Miller";

ArrayListarrlstValues=new ArrayList();

arrlstValues.Add(iEmpNo);

arrlstValues.Add(strEmpName);

  The code has errors

  The ArrayList can hold only integer values

  The ArrayList can hold both the values -------------------------------------

  You cannot assign two different data types to the same ArrayList

For the code snippet shown below, which of the following statements are valid? public class Generic<T>

```
{
public T Field;
public void TestSub()
   {
      T i = Field + 1;
   }
}
classMyProgram
{
static void Main(string[] args)
   {
      Generic<int> gen = new Generic<int>();
gen.TestSub();
   }
}
```

Compiler will report an error: Operator '+' is not defined for types T and int----------------------------------
--

What does the following code denote?

firstName =>firstName == "John";

  Usage of Ternary operator

  Usage of Unary operator

  Usage of Lambda expression ---------------------------------------

  Usage of Arithmetic expression

What are your comments on the following code?

HashtableopenWith = new Hashtable();

openWith.Add("txt", "notepad.exe");

openWith.Add("bmp", "paint.exe");

openWith.Add("bmp", "paint.exe");

openWith.Add("rtf", "wordpad.exe");

1.It is an example of Hashtable

2.It is an example of ArrayList

3.HashTable cannot have duplicate keys

4.HashTable cannot have duplicate values

  2&4

  1&2

  3&4

  1&3 ----------------------------

Which statements are true about HashTables?

1.The key can be the null reference

2.The key cannot be the null reference

3.The value can be the null reference

4.The value cannot be the null reference

1&4

2&3 ----------------------------------

2&4

1&3&4

What are your observations on the following code?

intiEmpNo = 10;

string strEmpName = "Johm Miller";

ArrayListarrlstValues=new ArrayList();

arrlstValues.Add(iEmpNo);

arrlstValues.Add(strEmpName);

   The ArrayList can hold both the values -------------------------------

   You cannot assign two different data types to the same ArrayList

   The ArrayList can hold only integer values

   The code has errors

INHERITANCE AND INTERFACE 2

1)Carefully read the question and answer accordingly.

Which of the following statements are true for Private Access?

1.Private access is the least restrictive access

2.Private access is the most restrictive access

3.Only members within an object may access another member marked as private

4.Members outside an object can access another members marked as private

   1&3&4

2&3

1&3

2&4 ---------------

2)Carefully read the question and answer accordingly.

Which of the following can be declared in an interface?

1.Properties

2.Methods

3.Enumerations

4.Events

2&3&4

1&2&4 -----------------

1&3&4

1&2

3)Carefully read the question and answer accordingly.

A class implements two interfaces each containing three methods. The class contains no instance data. Which of the following correctly indicate the size of the object created from this class?

0 byte

24 bytes ------------------------

12 bytes

8 bytes

4)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface used in C#.NET?

In a program if one class implements an interface then no other class in the same program can implement this interface.

One class can implement only one interface.

Properties can be declared inside an interface----------------------

From two base interfaces a new interface cannot be inherited.

5)Carefully read the question and answer accordingly.

Which of the following statements is correct about Interfaces used in C#.NET?

 All interfaces are derived from an Object class.

 Interfaces can contain only method declaration.

 All interfaces are derived from an Object interface.

 Interfaces can be inherited.----------------------------

 -

6)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface used in C#.NET?

 An interface can contain static methods.

 If a class implements an interface partially, then it becomes an abstract class.---------------

 A class cannot implement an interface partially.

 An interface can contain static data.

7)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface?

 A class that implements an interface can explicitly implement members of that interface-----------------
---

 The functions declared in an interface have a body.

 An interface can be implemented by multiple classes in the same program.

 One interface can be implemented in another interface.

8)Carefully read the question and answer accordingly.

Which of the following statements is correct?

 When a class inherits an interface it inherits member definitions as well as its implementations.

 To implement an interface member, the corresponding member in the class must be public as well as static.

 An interface cannot contain the signature of an indexer.

 interfaces members are automatically public.----------------------------

9)Carefully read the question and answer accordingly.

Which of the following can implement an interface?

1.Data

2.Class

3.Enum

4.Structure

3&4

2&4--------------------

1&2

1&3&4

10)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface used in C#.NET?

Properties can be declared inside an interface. -------------------------

From two base interfaces a new interface cannot be inherited.

In a program if one class implements an interface then no other class in the same program can implement this interface.

One class can implement only one interface.

11)Carefully read the question and answer accordingly.

Which of the following statements is correct?

To implement an interface member, the corresponding member in the class must be public as well as static.

When a class inherits an interface it inherits member definitions as well as its implementations.

interfaces members are automatically public. --

An interface cannot contain the signature of an indexer.

12)Carefully read the question and answer accordingly.

Which of the following statements are true for Protected Internal Access?

1.Protected Internal members can be accessed by objects in the same assembly

2.Protected Internal members are exactly same as private members in the same assembly

3.Protected Internal members can be accessed by derived classes inside and outside the assembly

4.Protected Internal members are exactly same as internal members in the same assembly

  2&3&4

  1&2&3

  1&3 ------------------------------

  1&4

13)Carefully read the question and answer accordingly.

Which of the following statements is correct about Interfaces used in C#.NET?

  All interfaces are derived from an Object interface.

  Interfaces can be inherited---

  Interfaces can contain only method declaration.

  All interfaces are derived from an Object class.

14)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface used in C#.NET?

  If a class implements an interface partially, then it becomes an abstract class------------------------------
--

  An interface can contain static data.

  An interface can contain static methods.

  A class cannot implement an interface partially.

15)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface?

  The functions declared in an interface have a body.

  A class that implements an interface can explicitly implement members of that interface.

  One interface can be implemented in another interface.

  An interface can be implemented by multiple classes in the same program.

  2&4 --

    1&3&4

16)Carefully read the question and answer accordingly.

Which of the following statements is correct about an interface used in C#.NET?

  An interface can contain static data.

  If a class implements an interface partially, then it becomes an abstract class.------------------------------
----

  An interface can contain static methods.

  A class cannot implement an interface partially.

DOTNET 1(8TH TOPIC)

What are the advantages of partial classes?

1.When multiple deployments are required

2.When working on large projects, spreading a class over separate files allows multiple programmers to work on it simultaneously

3.When multiple versions of assembly are required

4.When working with automatically generated source, code can be added to the class without having to recreate the source file

  2&4 ------------------------------

 1&3&4

 2&3

 1&3

Carefully read the question and answer accordingly.

When should the option of precompiling the Web site to have non-updatable UI be used?

1.When you want to have a read-only UI

2.When your UI code contains intellectual property that you want to protect from people who have access to the production server

3.When you do not have to change the UI often

4.When you want to have only compiled DLLs on the production server

  3&4

  1&2&3

  1&2

  2&3&4 -----------------------

Carefully read the question and answer accordingly.

The _____ property is used to specify which resource files are loaded for the page.

  Globalize

  Culture

  UICulture---------------------

  Localize

Carefully read the question and answer accordingly.

What is referred to as Specific Culture?

  If you do not provide either a language code or a country/region code

  If you provide both a language code and a country/region code---------------------

  If you provide only a language code but no country/region code

  If you provide only a country/region code but no language code

Carefully read the question and answer accordingly.

Which two properties of a page class have an effect on localization?

1.Culture

2.Localize

3.UICulture

4.Globalize

  2&3&4

  2&3

  1&4

1&3 --------------------

Carefully read the question and answer accordingly.

What is the differemce w.r.t working between Statement-1 & Statement-2?

Statement-1: SqlConnection con = new SqlConnection("Data Source=localhost;Integrated Security=True;Initial Catalog=Pubs");

Statement-2: SqlConnection con = new SqlConnection("Server=localhost;Integrated Security=True;Initial Catalog=Pubs");

  Statemenr-2 will generate an error

  Both statements work in the same manner --------------------------------

  Statement-1 is used for connecting to a local database

  Statement-2 is used for connecting to a remote database

Carefully read the question and answer accordingly.

How can you display dates with language specific month names?

  By modifying the Culture property ---------------------------------------

  By modifying the web.config file

  You cannot display dates with language specific month names

  By modifying the UICulture property

Carefully read the question and answer accordingly.

What is the effect on the currency amount values by setting the Culture information?

  No effect on the currency values --

  Currency symbol is automatically placed

  Currency values are fetched from web.config file

  Currency values are automatically converted

Carefully read the question and answer accordingly.

Which are the different ways in which you can separate code & content in ASP.NET?

1.By using code-behind files that are pre-compiled modules written in any .NET compliant languages

2.By using resource files

3.By creating user controls

4.By moving business logic into components that can run on the server & calling those components from server-side

3&4

1&2&3

1&2

1&3&4 ------------------------------------

Carefully read the question and answer accordingly.

Please go through the following code & select the relevant options:

```
// File-A

public partial structCurrencyDetails

{

private double amount;

public double Amount

{

  get

  {

   return amount;

  }

  set

  {

   amount = value;

AmountChanged(amount);

  }

}



partial void AmountChanged(double amount);

}




// File-B

public partial structCurrencyDetails
```

{

partial void AmountChanged(double amount)

{

MessageBox.Show("Amount is " + amount.ToString());

}

}

1.It is an example of sealed class

2.It is an example of Partial Method

3.AmountChanged method has only defining partial

4.AmountChanged method has defining partial as well as implementing partial

2&4 ---------------------

1&3

1&2&3

3&4

Carefully read the question and answer accordingly.

What is the significance of Culture property of a page class?

The Culture property determines how strings such as dates, numerals,and currency amounts are formatted--------------------------

The Culture property is used to specify which resource files are loaded for the page

The Culture property determines how resource files are used for formatting dates, numerals,and currency amounts

The Culture property determines the default culture of the operating system

What will happen if there is an implementing partial without a defining partial in a partial method?

Compiler omits the code

Compiler will consider the implementing partial as a normal method and compile the code

Compiler generates an error ------------------------

Compiler will generate the defining partial

Carefully read the question and answer accordingly.

_____is the process of customizing your application for a given culture and locale.

Globalization

Localization ----------------------

Culturalization

Customization

Carefully read the question and answer accordingly.

What does the following culture name denote: en-GB?

It denotes that the language is English & Country is United States

It denotes that the language is English & Country is Global

It denotes that the language is English & Country is United Kingdom --
----

It denotes that the language is English & Country is India

Carefully read the question and answer accordingly.

What are the advantages of partitioning an ASP.NET web page?

1.Individual members of the development team can work on separate, individually-owned parts

2.Developers can work within environments that are familiar

3.Database administrators can create database related tasks independently

4.Web Authors can use HTML development tools to build the interface

2&3

1&2&4 ---------------------------

3&4

1&4

Carefully read the question and answer accordingly.

Which all statements are true about Partial Methods?

1.Partial methods must be members of partial types

2.Partial methods must be in the same file

3.There are two parts to partial methods: a defining part and implementation part

4.Partial methods have only the implementation part

  2&3

  1&3 --------------------------

  2&4

  1&4

Carefully read the question and answer accordingly.

Culture &UICulture properties of a page class can have different culture values.

State True or False.

  True ---

  False

Carefully read the question and answer accordingly.

What are your observations on the following code?

```csharp
using System;
using System.Diagnostics;

class Sample
{
    static void Main()
    {
Trace.Listeners.Add(new TextWriterTraceListener(Console.Out));
Trace.AutoFlush = true;
Trace.Indent();
Trace.WriteLine("Entering Main");
Console.WriteLine("Sample Program");
Trace.WriteLine("Exiting Main");
Trace.Unindent();
```

```
    }
}
```

1.The following code snippet enables application level tracing

2.The following code snippet shows usage of Trace class

3.In the following code the start & end of the program is traced

4.The following code writes trace output to a text file

1&4

2&3 ----------------------------

1&2&3

3&4

Carefully read the question and answer accordingly.

What are the rules to follow when working with partial class definitions?

1.Partial definitions must span multiple modules

2.All partial-type definitions meant to be parts of the same type must be modified with partial

3.The partial modifier can only appear immediately before the keywords class, struct, or interface

4.All partial-type definitions meant to be parts of the same type must be defined in the same assembly and the same module (.exe or .dll file). Partial definitions cannot span multiple modules

2&4

1&2&3

2&3&4 ----------------------------

1&3

Carefully read the question and answer accordingly.

Which are the basic steps for separating a ASP.NET web page?

1.Create a file for user interface

2.Create a file for database

3.Create a file for interface logic

4.Use page directive to link the two files

5.Call procedures in the code-behind page

2&5

1&2&4

3&4

1&2&3&5

1&3&4&5 -------------------------------

Carefully read the question and answer accordingly.

What is a Neutral culture?

  When you provide country name & culture name as US

  When you do not specify either the country/region code or the culture name

  When you provide a country/region code but no culture name ------------------

Carefully read the question and answer accordingly.

Which are the basic steps to use a user control?

1.Include a User control in another ASP.NET page using the register directive

2.Upload the user control in IIS root

3.Insert the user control like a server control

4.Set properties of the user control

        1&2

 3&4

 2&4

 1&3&4 ----------------------------

CSS

1)Carefully read the question and answer accordingly.

Which property can be used to control the space between the border & the content in a table?

        Table Padding -----------------------------

 Table Border

 Table Width

 Table Text Alignment

2)carefully read the question and answer accordingly.

What are your observations on the following CSS code?

p {color:red;text-align:center;}

1.CSS declarations always end with a semi-colon

2.CSS declarations always begin & end with curly brackets

3.Declaration groups end with a semi-colon

4.Declaration groups are surrounded by curly brackets

　2&4

　1&2&3

　2&3&4

　1&4 ----------------------------------

3)Carefully read the question and answer accordingly.

A CSS rule has two main parts, which are they?

1.A Candidate

2.A Selector

3.One or more declarations

4.One or more initiations

　1&2&3

　3&4

　2&4

　2&3 -------------------------------------

4)Carefully read the question and answer accordingly.

Which are the different link states in CSS?

1.a:enabled

2.a:link

3.a:visited

4.a:hover

5.a:active

1&3&5

2&3&4&5-----------------------------------

1&2

1&2&4&5

1&2&3&4

5)Carefully read the question and answer accordingly.

What are your observations on the following code snippet?

table, th, td

{

border: 1px solid black;

}

1.border property is used to specify table borders

2.border property is used to specify page border

3.black color is assigned to the table element

4.black color is assigned to the td element

5.black color is assigned to the tr element

1&2&3

2&4&5

1&3&4 --

3&5

1&2&5

6)Carefully read the question and answer accordingly.

What is the significance of CSS Media Types?

1.They allow you to specify different media types

2.They allow you to specify how documents will be presented in different media

3.The @media rule allows different style rules for different media in the same style sheet

4.The @mediatype rule allows different style rules for different media in the same style sheet

1&2&3

1&2&4

3&4

2&3--

7)Carefully read the question and answer accordingly.

What does the following code denote?

h1,h2,p

{

color:green;

}

It shows how to group selectors ------------------------------

It shows how to use nested selectors

It shows how to use individual selectors

It shows how to initialize selectors before the values are assigned

8)Carefully read the question and answer accordingly.

What does the CSS Box Model consist of?

1.Layouts

2.Margins

3.Borders

4.Padding

5.Actual Content

1&3&4

1&3&4&5

2&3&4&5 --

1&2

3&4

9)Carefully read the question and answer accordingly.

How is the Class selector used?

1.It is used to specify a style for a group of elements

2.This allows you to set a particular style for any HTML elements with the same class

3.This allows you to set a particular style for any HTML elements with the same id

4.It uses the HTML class attribute

5.It is defined with a "*" symbol

2&3&4&5

3&4

1&3&4

1&2&4---

2&4&5

10)Carefully read the question and answer accordingly.

What are you observations on the following code snippet?

body {background-color:#b0c4de;}

1.The background-color property specifies the background color of an element

2.The background-color property specifies the background color of all the elements in a web site

3.The background color of a page is defined in the body selector

4.The background color of a page is defined in the head selector

1&2

2&3&4

1&3---

2&3

ARRAY METHODS

Which statements are true about Out parameters?

1.Out parameters must be definitely assigned before calling the method

2.Out parameters don't need to be definitely assigned before calling the method

3.Out parameters must be definitely assigned before the method returns

4.Out parameters value need not change before the method returns

1&2

2&3---

3&4

1&3&4

Please identify the different types of method parameters.

1.Value

2.ref

3.out

4.in

5.params

1&2&3&5--

1&4&5

3&4&5

1&3&4

1&5

What does the following code denote?

namespace MyMethods

{

　　public static class MyClass

　　{

　　　　public static intWordCount(this String str)

　　　　{

returnstr.Split(new char[] { ' ', '.', '?' },

StringSplitOptions.RemoveEmptyEntries).Length;

　　　　}

　　}

}

　Following code demonstrates abstraction

　Following code demonstrates Polymorphism

99

Following code is an example of Extension Method --------------------

Following code is an example of Inheritance

Carefully read the question and answer accordingly.

Which statements are true about Extension Methods?

1.Extension methods are defined as protected methods

2.Extension methods are defined as static methods

3.Extension methods are called by instance method syntax

4.Extension methods are called like static methods

1&2&3

2&3---

1&4

1&3&4

Carefully read the question and answer accordingly.

Which of the following statements are correct?

1.An argument passed to a ref parameter need not be initialized first

2.Variable passed as out arguments need to be initialized prior to being passed

3.Argument that uses params keyword must be the last argument of variable argument list of a method.

4.Pass by reference eliminates the overhead of copying large data items.

1&3

1&4

2&3

3&4 ---

Carefully read the question and answer accordingly.

A function returns a value, whereas a subroutine cannot return a value.

State True or False.

True ---

False

Carefully read the question and answer accordingly.

Which of the following statements are correct?

1.C# allows a function to have arguments with default values.

2.C# allows a function to have variable number of arguments.

3.Omitting the return value type in method definition results into an exception.

4.params is used to specify the syntax for a function with variable number of arguments.

1&3

1&2&3

2&4 --

3&4

Carefully read the question and answer accordingly.

How many values is a function capable of returning?

Depends upon how many ref arguments does it use.

Any number of values.

Depends upon how many params arguments does it use.

0

1 ---

Carefully read the question and answer accordingly.

Which of the following CANNOT occur multiple number of times in a program?

Entrypoint--

Class

namespace

Function

Carefully read the question and answer accordingly.

Which of the following statements are correct about subroutines used in C#.NET?

1.If we do not return a value from a subroutine then a value -1 gets returned.

2.Subroutine definitions cannot be nested.

3.Subroutine can be called recursively.

4.Subroutine calls can be nested.

 1&3&4

 1&4

 2&3&4 ---

 2&3

ASP .NET SECURITY CONTROL – 1

-----Carefully read the question and answer accordingly.

What steps should be completed if you want to use ASP.NET Membership with Active Directory Application Mode?

1.Create a SQLServer instance and create the required classes

2.Create an ADAM instance and create the required classes

3.Configure your application to use the ActiveDirectoryMembershipProvider and connect to the ADAM instance

4.Configure your application to use the SqlMembershipProvider and connect to the ADAM instance

1&4

1&3

2&4

2&3 --

----Carefully read the question and answer accordingly.

What does WindowsTokenRoleProvider do?

Enables you to use ActiveDirectory to represent role information

Enables you to use Microsoft Windows groups to represent role information   ----------------------------
---

Enables you to store role information in a Microsoft SQL Server database

Enables you to use Authorization Manager

----Carefully read the question and answer accordingly.

What does the following code snippet do?

<configuration>

<system.web>

<roleManager enabled="true" />

<authentication mode="Forms" />

</system.web>

</configuration>

It enables SqlRoleProvider---

It enables WindowsTokenRoleProvider

It enables AuthorizationStoreRoleProvider

It enables ActiveDirectoryRoleProvider

=----Carefully read the question and answer accordingly.

Which method enables you to add an inline JavaScript right after the opening <form> tag?

RegisterClientScriptResource

RegisterArrayDeclaration

RegisterClientScriptInclude

RegisterClientScriptBlock--

---Carefully read the question and answer accordingly.

Which are the different types of authentication mechanisms that ASP.NET framework supports?

1.Windows Authentication

2.Identity Authentication

3..NET Passport Authentication

4.Forms Authentication

2&3&4

2&3

1&4

1&3&4 --

----Carefully read the question and answer accordingly.

Which method enables you to return a list of users in a role that has a particular username?

GetUsersInRole

FindUsersInRole ---

AddUsersToRole

IsUserInRole

---Carefully read the question and answer accordingly.

Which Membership providers are supported by ASP.NET framework?

1.FormsMembershipProvider

2.WindowsMembershipProvider

3.SqlMembershipProvider

4.ActiveDirectoryMembershipProvider

2&4

1&2&3

3&4 --

2&3

--Carefully read the question and answer accordingly.

Which control manages client script for AJAX-enabled ASP.NET Web pages

Update control

ScriptManager control--

UpdatePanel control

RunScript control

-----Carefully read the question and answer accordingly.

What does the following code snippet denote?

```
<configuration>

<connectionStrings>

<add name="MyConnection" connectionString="Data Source=MyServer;IntegratedSecurity=

True;Initial Catalog=MyDatabase"/>

</connectionStrings>


<system.web>

<authentication mode="Forms" />


<membership defaultProvider="MyMembershipProvider" >

<providers>

<add

  name="MyMembershipProvider"

  type="System.Web.Security.SqlMembershipProvider"

connectionStringName="MyConnection" />

</providers>

</membership>

</system.web>


</configuration>
```

It shows how the config file is configured to use membership information from the active directory

It shows how the config file is configured to use membership information from the IIS

It shows how the config file is configured to use membership information from the default SQL Server database

It shows how the config file is configured to use membership information from a database other than the default SQL Server databas ----------------

Carefully read the question and answer accordingly.

What does AuthorizationStoreRoleProvider do?

Enables you to use Microsoft Windows groups to represent role information

Enables you to use Authorization Manager to store role information in an XML file, Active Directory, or Activity Directory

Application Mode *****--

Enables you to store role information in a Microsoft SQL Server database

Enables you to use ActiveDirectory to represent role information

-----

Q1

Carefully read the question and answer accordingly.

Identify the statements that are applicable to Windows authentication.

1.Users are identified by entries in the database

2.Users are identified by their Microsoft Windows account names

3.Roles correspond to Microsoft Windows groups

4.The responsibility of identifying users is delegated to Internet Information Server

3&4

2&3&4 --

1&2

1&4

Q2

Carefully read the question and answer accordingly.

What does the SqlMembershipProvider do?

Stores user information in Active Directory

Stores user information in SQL Server database --------------------------

Stores user information in the config file

Stores user information resource files

Q3

Carefully read the question and answer accordingly.

What does the following code snippet denote?

<configuration>

<system.web>

<authentication mode="Forms" />

<membership defaultProvider="OwnMembershipProvider">

<providers>

<add

    name="OwnMembershipProvider"

    type="MembershipProvider.XmlOwnMembershipProvider"

dataFile="~/App_Data/OwnMembership.xml"

requiresQuestionAndAnswer="false"

enablePasswordRetrieval="true"

enablePasswordReset="true"

passwordFormat="Clear" />

</providers>

</membership>

</system.web>

</configuration>

It shows how the config file is configured to use membership information from the active directory

It shows how the config file is configured to use membership information from a database other than the default SQL Server database

It shows how the config file is configured to use membership information from the default SQL Server database

It shows how the config file is configured to create a custom membership provider----------------------- --------------------------------

Q4

Carefully read the question and answer accordingly.

What do the settings in the following web.config do?

<configuration>

<system.web>

<roleManager

  enabled="true"

cacheRolesInCookie="true"

createPersistentCookie="true" />

</system.web>

</configuration>

The settings enable role verification

The settings enable caching roles in a database

The settings enable caching roles in a browser cookie -------------------

The settings enable user roles

Q5

Carefully read the question and answer accordingly.

Which statements are true about Forms authentication?

1.Users are identified by a cookie

2.Users are identified by their Microsoft Windows account names

3.User and role information is stored in a custom data store

4.Roles correspond to Microsoft Windows groups

1&3&4

1&3

2&4

2&3 --

Q6

Carefully read the question and answer accordingly.

Which method enables you to add a reference to a JavaScript file embedded in an assembly?

RegisterArrayDeclaration

RegisterClientScriptResource--

RegisterClientScriptBlock

RegisterClientScriptInclude

Q7

Carefully read the question and answer accordingly.

Which Membership provider attributes can be set to determine the password policy?

1.minRequiredPasswordLength

2.maxRequiredPasswordLength

3.minRequiredAlphanumericCharacters

4.minRequiredNonalphanumericCharacters

5.passwordStrengthRegularExpression

2&3

2&4&5

1&4&5--

1&3&4

1&2&5

Q8

Carefully read the question and answer accordingly.

What does the following code snippet do?

```
<configuration>
<system.web>
<authorization>
<allow roles="Accounts"/>
<deny users="*"/>
</authorization>
</system.web>
</configuration>
```

The configuration file authorizes Accounts & denies access to everyone else----------------------------------
----

The configuration file authorizes everyone except Accounts

The configuration file authorizes every website user

The configuration file authorizes only Accounts administrators

Carefully read the question and answer accordingly.

Which Membership providers are supported by ASP.NET framework?

1.FormsMembershipProvider

2.WindowsMembershipProvider

3.SqlMembershipProvider

4.ActiveDirectoryMembershipProvider

3&4 --

1&2&3

2&3

2&4

Q2

Carefully read the question and answer accordingly.

How do you convert an existing aspx page with two drop-down list boxes to become Ajax compliant?

1.By rewriting the page to implement Ajax

2.By wrapping the controls in a ScriptManager control

3.By wrapping the controls in UpdatePanel control

4.By adding ScriptManager control to the page

1&3

2&3&4

1&2&3

3&4 --

Q3

Carefully read the question and answer accordingly.

What are your observations on the following code snippet of a configuration file?

```
<configuration>
<system.web>
<identity impersonate="true" userName="cognizant\John"  password="cognizant" />
</system.web>
</configuration>
```

1.It is used to control impersonation by using the identity configuration element

2.You can add support for specific names to run an application as a configurable identity

3.All users can run the application with their individual identities

4.For better security it is advisable to encrypt & move the <identity> entry to machine.config

5.For better security it is advisable to encrypt the <identity> entry in web.config

1&3&5

2&4&5

1&2&3

1&3&4&5

1&2&5 --

Q5

Carefully read the question and answer accordingly.

What does the following code snippet do?

<configuration>

<system.web>

<roleManager enabled="true" />

<authentication mode="Forms" />

</system.web>

</configuration>

It enables WindowsTokenRoleProvider

It enables AuthorizationStoreRoleProvider

It enables SqlRoleProvider-------------------------------

It enables ActiveDirectoryRoleProvider

Q6

Carefully read the question and answer accordingly.

What does the following code snippet do?

```
<configuration>

<system.web>

<authentication mode="Windows" />

<roleManager enabled="true" defaultProvider="MyRoleProvider">

<providers>

<add

    name="MyRoleProvider"

    type="System.Web.Security.WindowsTokenRoleProvider" />

</providers>

</roleManager>

</system.web>

</configuration>
```

The configuration file configures the SqlRoleProvideras the default provider

The configuration file configures the AuthorizationStoreRoleProvider as the default provider

The configuration file configures the WindowsTokenRoleProvider as the default provider----------------
----

The configuration file configures the ActiveDirectoryRoleProvider as the default provider

Q7

Carefully read the question and answer accordingly.

Which control enables you to update a portion of page without updating the entire page?

UpdatePanel control ---

UpdateClient control

ScriptManager control

Update control

Q8

Carefully read the question and answer accordingly.

Identify the statements that are applicable to Windows authentication.

1.Users are identified by entries in the database

2.Users are identified by their Microsoft Windows account names

3.Roles correspond to Microsoft Windows groups

4.The responsibility of identifying users is delegated to Internet Information Server

1&4

3&4

1&2

2&3&4 ---

Q9

Carefully read the question and answer accordingly.

Which property of UpdatePanel control gets or sets a Boolean value that indicates whether child controls should trigger an asynchronous postback automatically?

ContentTemplateContainer

ChildrenAsTriggers---

IsInPartialRendering

RenderMode

Q10

Carefully read the question and answer accordingly.

Which statements are true about Forms authentication?

1.Users are identified by a cookie

2.Users are identified by their Microsoft Windows account names

3.User and role information is stored in a custom data store

4.Roles correspond to Microsoft Windows groups

2&3

1&3&4

2&4

1&3 --

Building ASP.Net Pages-2

Carefully read the question and answer accordingly.

Which all languages can be used to develop a ASP.NET application?

1.C#

2.Visual Basic .NET

3.Visual Basic

4.C Language

3&4

1&2 --

1&3&4

2&4

Carefully read the question and answer accordingly.

How is ASP.NET different from ASP?

1.ASP.NET is Object oriented

2.ASP.NET is Procedure oriented

3.ASP.NET does not support VBScript

4.Scripts can be written in VBScript in ASP.NET

2&4

1&3 --

1&3&4

1&2

Carefully read the question and answer accordingly.

Can we use components developed in VB6.0 in ASP.NET?

Yes; you can use VB6.0 components using COM Callable Wrapper (CCW)

You cannot use components developed in VB6.0 in ASP.NET

Yes; you can use VB6.0 components using Runtime Callable Wrapper (RCW) -------------------------------
----

Yes; at the assembly level components developed is VB6.0 are same as components developed in
.NET, hence they can be used as any other .NET component

Carefully read the question and answer accordingly.

Can we use components developed in .NET in legacy applications like VB6.0?

Yes; you can use.NET components in VB6.0 using COM Callable Wrapper (CCW) --------------------------
----

Yes; you can use .NET components in VB6.0 using Runtime Callable Wrapper (RCW)

You cannot use components developed in.NET in VB6.0

Yes; at the assembly level components developed is .NET are same as components developed in VB6.0, hence they can be used in VB6.0

Carefully read the question and answer accordingly.

How is the issue of DLL Hell taken care of in ASP.NET?

Through versioning of .NET assemblies------------------------------------

Through COM interop

Through Remoting

Through usage of web services

Carefully read the question and answer accordingly.

Why are ASP.NET applications slightly slower on first load?

Because .NET framework execution is slower compared to ASP

Because on first load ASP.NET files are compiled, if necessary, into .NET page classes & then executed ------------------------------

Because on first load ASP.NET files are converted to native executables that are recognized by the operating system & then executed

Because .NET loads the entire application in the memory

Carefully read the question and answer accordingly.

How is POST different from GET?

POST & GET do the same thing

POST sends information embedded in the URL

POST does not send any information back to the server

POST sends information in a HTTP Header -------------------------

Carefully read the question and answer accordingly.

What are the different parts of an ASP.NET web page?

1.An aspx page consisting UI elements (file name with extension .aspx)

2.A code behind file consisting of corresponding code (file name with same name as the aspx page & having an extension .cs)

3.A configuration file with .config extension

4.A resource file with .resx extension

  2&3

  3&4

  1&2--

  1&4

Carefully read the question and answer accordingly.

Which class enables ASP.NET to read the HTTP values sent by a client during a Web request?

  HttpRequest---

  Request

  Response

  HttpResponse

Carefully read the question and answer accordingly.

Which class encapsulates HTTP-response information from an ASP.NET operation?

     HttpResponse---

  Request

  HttpRequest

  Response

Control Building in ASP.Net—1

Carefully read the question and answer accordingly.

In a fully rendered control which class is used to write the HTML content to the browser?

  TextHtmlWriter

  HtmlTextWriter---

  HtmlWriter

  TextWriter

Carefully read the question and answer accordingly.

Which statements are true about themes?

1.Themes enable you to apply consistent style to pages in your website

2.Themes can be used to control navigation order between pages

3.Themes can be used to control the appearance of HTML elements

4.Themes can be used to control the appearance of ASP.NET controls

 3&4

 1&3&4 --

 1&2&3

 2&4

Carefully read the question and answer accordingly.

How are themes different from master pages?

 Themes & Master pages are both same

 Themes allow you to share data across multiple pages in a web site

 Themes allow you to control the appearance

of contents -------===============

 Themes allow you to share content across multiple pages in a web site

Carefully read the question and answer accordingly.

Please choose statements that are true about creating themes.

1.Themes are created by adding a folder in App_Themes folder

2.Themes are created by adding a folder in App_Directory folder

3.Each folder that you add to the App_Directory folder represents a different Theme

4.Each folder that you add to the App_Themes folder represents a different Theme

 3&4

 2&3

1&4 ==

1&2&4

Carefully read the question and answer accordingly.

Which statements are true about Skins to Themes?

1.A theme can contain only one skin

2.A theme can contain one or more Skin files

3.A skin enables you to modify any of the events of an ASP.NET control that get triggered on certain conditions

4.A skin enables you to modify any of the properties of an ASP.NET control that have an effect on its appearance

1&2&4

2&3&4

2&4 ==

1&3

Carefully read the question and answer accordingly.

What does the following code snippet denote?

<asp:TextBox

SkinID="DashedTextBox"

BorderStyle="Dashed"

BorderWidth="5px"

Runat="Server" />

Usage of a Default skin

Usage of a Named skin ---

Usage of a Master page

Usage of a stylesheet

Carefully read the question and answer accordingly.

How can you override Skin properties?

By applying a Theme to a page with the Theme attribute

By applying a Theme to a page with the StyleSheetTheme attribute---

By applying a Theme to a page with the Skin attribute

By applying a Theme to a page with the MasterPage attribute

Carefully read the question and answer accordingly.

How can you prevent a skin from being applied to a particular control?

By setting DisableTheming property to true

By setting EnableTheming property to false -----------------------

By setting EnableTheming property to true

By setting DisableTheming property to false

Carefully read the question and answer accordingly.

What does the following listing denote?

<configuration>

<system.web>

<pages theme="Website" />

</system.web>

</configuration>

Registring a theme in web.config-------------------------------

Registring a MasterPage in web.config

Registring a Skin in web.config

Registring a StyleSheetTheme in web.config

Carefully read the question and answer accordingly.

How can you expose properties & methods from a Master Page so that they are modifiable from a particular content page?

  By declaring them as private

  By declaring them as public --

  By declaring them as protected

  You cannot expose properties & methods from a Master Page so that they are modifiable from a particular content page

CONTROLS

Carefully read the question and answer accordingly.

Which controls can be used to input text?

1.textbox

2.input

3.textarea

4.inputbox

  2&3 ---------------------------------------

  2&3&4

  1&4

  1&2&3

Carefully read the question and answer accordingly.

Which are the different types of buttons that can be used in HTML Forms?

1.Submit buttons

2.Control buttons

3.Reset buttons

4.Push buttons

2&3

1&2&3

1&4

1&3&4 --

Carefully read the question and answer accordingly.

How is textarea different from input element?

1.The input element creates a single-line input control

2.The input element creates a multi-line input control

3.The textarea element creates a single-line input control

4.The textarea element creates a multi-line input control

 2&3

 2&4

 1&3&4

 1&4---

Carefully read the question and answer accordingly.

Which statements are true about Checkboxes?

1.Checkboxes are on/off switches that are used to check the validity of controls

2.Checkboxes are on/off switches that may be toggled by the user

3.A switch is "on" when the control element's checked attribute is set

4.The INPUT element is used to create a checkbox control

5.The Fieldset element is used to create a checkbox control

 1&2&5

 2&4&5

 1&3&4

 1&5

 2&3&4--

Carefully read the question and answer accordingly.

Which all of the following can be categorized as Form control types supported by HTML?

1.buttons

2.Forms

3.Menus

4.hidden controls

5.Image

2&4&5

1&2&4

1&2&3

1&3&4 --

3&5

Carefully read the question and answer accordingly.

What is the significance of hidden controls? Please choose all the relevant options

1.They are controls that are not rendered but whose values are submitted with a form

2.They are controls that are rendered but whose values are not submitted with a form

3.This control type is used to store information between client/server exchanges that would otherwise be lost due to the stateless nature of HTTP

4.The frameset element is used to create a hidden control

5.The input element is used to create a hidden control

1&2&3&5

1&3&5--

3&4

1&2

2&4&5

Carefully read the question and answer accordingly.

Which statements are true about file select control?

1.It allows the user to select files so that their contents may be submitted with a form

2.It allows the user to select & load files on the form

3.The frameset element is used to create a file select control

4.The input element is used to create a file select control

3&4

1&3

2&3&4

1&4--

Carefully read the question and answer accordingly.

What happens if none of the <input> elements of a set of radio buttons is set to CHECKED?

First radio button is checked by default--

None of the radio buttons are checked

Last radio button is checked by default

All the radio buttons are checked by default

Carefully read the question and answer accordingly.

Which elements are used to create a menu?

1.select

2.menu

3.list

4.option

5.optgroup

1&2&4&5

1&2&3&4

2&3

1&4&5--

4&5

Carefully read the question and answer accordingly.

What is the significance of the <area> tag?

1.The <area> tag defines an area inside a form

2.The <area> tag defines an area inside an image-map

3.The <area> tag is always nested inside a <form> tag

4.The <area> tag is always nested inside a <map> tag

   2&3

   2&4---

   3&4

   1&2&3

Carefully read the question and answer accordingly.

What are your observations on the following code?

```
using System.Web.UI;

namespace myCustomControl
{
public class FullyRenderedControl : Control
{
  private string _Name;
  public string Name
  {
   get { return _Name; }
   set { _Name = value; }
  }

  protected override void Render(HtmlTextWriter writer)
  {
writer.Write(_Text);
  }
}
}
```

1.Method Render is overloaded

2.The control inherits from Control class

3.Method Render is overridden

4.The control inherits from WebControl class

2&3 --

1&3

2&4

1&4

CREATING ASP .NET

Carefully read the question and answer accordingly.

What does the following code do?

enum Month: byte

{

January,

February,

March,

April,

May,

June,

July,

August,

September,

October,

November,

December

};

1.Declares an enum

2.Change the integral type for each member from int to byte

3.Inheritenum from type byte

4.Generates an error

3&4

1&4

2&3

1&2 ---

Carefully read the question and answer accordingly.

In the code below, what will be the value of enum member Sunday

enum Weekday { Monday = 1, Tuesday, Wednesday, Thursday, Friday, Saturday = 10, Sunday }

7

11 ---

6

0

Carefully read the question and answer accordingly.

What all statements are true about System.Enumstruct?

1.UsingSystem.Enumstruct you can convert string to enum

2.UsingSystem.Enumstruct you can convert object to enum

3.loop through a list of enum members

4.UsingSystem.Enumstruct you can convert ArrayList to enum

2&4

1&2

1&3&4

1&3---

Carefully read the question and answer accordingly.

What does the following code denote?

enum Weekday { Mon = 1, Tue, Wed, Thu, Fri, Sat = 10, Sun }

dayStr = Enum.GetName(typeof(Weekday), Weekday.Thu);

Conversion of enum types to string---

Conversion of string to enum types

Conversion of integer to enum types

Conversion of enum types to integer

Carefully read the question and answer accordingly.

What does the following code denote?

enum Weekday { Mon = 1, Tue, Wed, Thu, Fri, Sat = 10, Sun }

Weekday Sunday = (Weekday)Enum.ToObject(typeof(Weekday), 11);

Conversion of string to enum types

Conversion of enum types to integer

Conversion of enum types to string

Conversion of integer to enum types--

Carefully read the question and answer accordingly.

What does the following code denote?

foreach (var day in Enum.GetValues(typeof(Weekday)))

{

Console.WriteLine(day);

}

Following code iterates through an Array

Following code iterates through each member of an enum-------------------------

Following code iterates through a HashTable

Following code iterates through an ArrayList

Carefully read the question and answer accordingly.

Which statements are true about Structs?

1.Structs are value types

2.Structs are reference types

3.Structs get created on stack when instantiated

4.Structs get created on heap when instantiated

1&4

1&3--

2&4

2&3

Carefully read the question and answer accordingly.

What are your observations on the following code?

using System;

structSimpleStruct

{

```
privateintxval;
publicint X
    {
get
        {
returnxval;
        }
set
        {
if (value < 100)
xval = value;
        }
    }
public void DisplayX()
    {
Console.WriteLine("The stored value is: {0}", xval);
    }
}
```

1.Following code is an example of a class

2.Following code is an example of a struct

3.Struct has a property

4.Struct has a Method

2&3&4--

1&2&3

3&4

1&3&4

Carefully read the question and answer accordingly.

Can structs have constructors?

1.Structs cannot have constructors

2.Structs can have constructors

3.Constructors cannot have parameters

4.Constructors must take parameters

3&4

2&4---

2&3

1&3

Carefully read the question and answer accordingly.

What does the following code do?

enum Month: byte

{

January,

February,

March,

April,

May,

June,

July,

August,

September,

October,

November,

December

};

1.Declares an enum

2.Change the integral type for each member from int to byte

3.Inheritenum from type byte

4.Generates an error

2&3

1&4

3&4

1&2--

Carefully read the question and answer accordingly.

What are your observations on the following code?

[Flag]

[Serializable]

publicenumProblemStatus

{

Assigned = 0x0001,

NoProblem = 0x0002,

Open = 0x0004,

Resolved = 0x0008

}

1.The code uses multiple attributes

2.Multiple attributes can also be specified together

3.Multiple attributes have to be specified one after the other

4.Multiple attributes can appear in same square brackets separated by a comma

5.Multiple attributes can appear in same square brackets separated by a space

2&3&4

1&2&4 --

3&4

1&2&5

2&5

Carefully read the question and answer accordingly.

What are your observations on the following code?

```
using System;
structSimpleStruct
{
privateintxval;
publicint X
  {
get
    {
returnxval;
```

```
        }
set
    {
if (value < 100)
xval = value;
    }
  }
public void DisplayX()
  {
Console.WriteLine("The stored value is: {0}", xval);
  }
}
```

1.Following code is an example of a class

2.Following code is an example of a struct

3.Struct has a property

4.Struct has a Method

1&2&3

2&3&4--

1&3&4

3&4

Carefully read the question and answer accordingly.

In ADO.NET which objects enable disconnected mode operations?

1.DataSet

2.Data Reader

3.Data Adapter

4.Command

2&4

1&3---

1&2&3

3&4

Carefully read the question and answer accordingly.

What does the following code denote? var conn = new SqlConnection("Data Source=INDIA;Initial Catalog=Products;Integrated Security=True");

Instantiation a new catalog

Instantiation a new Sql table

Instantiation a new SqlConnection object---------------------------------

Instantiation a new Sql database

Carefully read the question and answer accordingly.

Which all statements are applicable to System catalogs?

1.Provide a set of views that show metadata that describes the objects in an instance of SQL Server

2.Provide a set of stored procedures that show metadata that describes the objects in an instance of SQL Server

3.Provide a mechanism for dynamic applications to determine the strucutre& attributes of the objects in any database that they connect

4.Provide a mechanism for dynamic applications to analyze data contained in a particular table of a database

1&2&3

2&4

3&4

1&3--

Carefully read the question and answer accordingly.

Which all statements are true about Partition scheme?

1.A partition scheme specifies how the table or index is partitioned

2.A partition scheme maps the partitions produced by a partition function to a set of filegroups that you define

3.When you create a partition scheme, you define the filegroups where the table partitions are mapped, based on the parameters of the partition function

4.When you create a partition scheme, you define the databases where the table partitions are mapped, based on the parameters of the partition function

1&2&3

1&3

2&4

2&3--

Carefully read the question and answer accordingly.

In ADO.NET, which of the following objects enable disconnected mode operations?

1.DataSet

2.Data Reader

3.Data Adapter

4.Command

2&4

1&3&4

1&2

1&3--

Carefully read the question and answer accordingly.

What does the following code do?

```
// AssumesconnectionString is a valid connection string.
using (SqlConnection connection = new SqlConnection(connectionString))
{
connection.Open();
   // Do work here.
}
```

The following code example demonstrates how to close a connection

The following code example demonstrates how to create and open a connection--------------------

The following code example demonstrates how to insert a row

The following code example demonstrates how to create and open a StoredProcedure

Carefully read the question and answer accordingly.

Which all statements are true about partitioning?

1.Partitioning enables you to manage and access subsets of data from large tables quickly and efficiently

2.The integrity of a data collection is maintained

3.The integrity of a data collection is not automatically maintained but will have to be handled manually

4.Maintenance operations target only the data that is required, instead of the whole table hence are more efficient

5.Maintenance operations target the whole database instead of individual tables hence are more efficient

4&5

1&2&4 --------

1&3&4

2&3

1&2

Carefully read the question and answer accordingly.

What does the following code denote?

var premium = from customer in Customers where customer.Grade == "Premium" select customer.Name;

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Ordering data

4.The following code shows the syntax for Filtering data

3&4

1&3

2&4 ---------

1&4

Carefully read the question and answer accordingly.

Identify the benefits of implementing EDM in data - intensive .NET projects

1.Generates a data access layer that isolates the data domain from the application domain

2.Handles relational database vendor or schema changes without the need to alter C# or VB source code and recompile the project

3.Models relational database concepts such as triggers & jobs

4.Models object-oriented concepts such as inheritance and hierarchical (nested) or polymorphic resultsets, which don't fit the relational model

1&2

2&3

1&4

1&2&4 --------

Carefully read the question and answer accordingly.

Why are catalog views the preferred choice for accessing the information in system catalogs?

1.They provide access to all the metadata

2.The metadata information is presented in a format that is independent of any catalog table implementation

3.The metadata information is presented in a format that is dependent on system tables, hence is in a fixed format which is easy to understand

4.They provide the most direct way to obtain, transform & present customized forms of the catalog metadata

5.Catalog view names as well as the names of their columns are descriptive

1&3&5

2&4

1&2&3&4

1&2&4&5 --------

3&4&5

Carefully read the question and answer accordingly.

Which of the following statements are correct about delegates?

Delegates cannot be used to call an instance function. Delegates cannot be used to call an instance subroutine.

If signatures of two methods are same they can be called through the same delegate object.

Delegates cannot be used to call a static method of a class.

Delegates cannot be used to call procedures that receive variable number of arguments. -------

Carefully read the question and answer accordingly.

Which of the following are the correct ways to declare a delegate for calling the function func() defined in the sample class given below? class Sample

```
{

    public intfunc(inti, Single j)

    {

        /* Add code here. */

    }

}
```

delegate void (inti, Single j);

delegate int d(inti, Single j); --------

delegate void d(int, Single);

delegate d(inti, Single j);

Carefully read the question and answer accordingly.

What is your observation on the following code?

```
private void Button1_Click(object sender, System.EventArgs e)

{

    Button b = (Button) sender;

    Label1.Text = b.ID;

}
```

Following code shows how to determine which control caused an event --------

Following code shows how to determine the signature of an event

Following code shows how to raise an event

Following code shows how to consume an event

Carefully read the question and answer accordingly.

Which of the following statements is incorrect about delegate?

Delegates are type-safe.

Delegates are object oriented.

Delegates are reference types.

Only one method can be called using a delegate. --------

Carefully read the question and answer accordingly.

Which of the following statements are correct about a delegate?

I: Inheritance is a prerequisite for using delegates.

II: Delegates are type-safe.

III: Delegates provide wrappers for function pointers.

IV: The declaration of a delegate must match the signature of the method that we intend to call using it.

I, II & III

I & II

All of the listed options

II, III & IV --------

Carefully read the question and answer accordingly.

In which of the following areas are delegates commonly used?

I: Remoting

II: Serialization

III: File Input/Output

IV: Multithreading

V: Event handling

IV & V --------

I & II

I, II & III

I & V

Carefully read the question and answer accordingly.

Which of the following is the necessary condition for implementing delegates?

Exceptions

Class declaration --------

Inheritance

Run-time Polymorphism

Carefully read the question and answer accordingly.

Which of the following statements is incorrect about a delegate?

Delegates can be shared.

Delegates are type-safe wrappers for function pointers.

Delegate is a value type. --------

A single delegate can invoke more than one method.

Carefully read the question and answer accordingly.

With which of the following can the ref keyword be used?

1.Static data

2.Instance data

3.Static function/subroutine

4.Instance function/subroutine

1&2&3

2&3&4

1&4

3&4 ----------

Carefully read the question and answer accordingly.

Suppose on pushing a button an object is to be notified, but it is not known until runtime which object should be notified. Which of the following programming constructs should be used to implement this idea?

Delegate   ---------

Namespace

Interface

Attribute

Carefully read the question and answer accordingly.

Suppose a Generic class called SortObjects is to be made capable of sorting objects of any type (Integer, Single, Byte etc.). Which of the following programming constructs should be used to implement the comparison function?

Encapsulation

Namespace

Interface

Delegate ---------

HTML-1

Carefully read the question and answer accordingly.

What does the following code snippet do?

[title]

{

color:blue;

}

It styles all the elements within the title class

It styles all the elements for title initializer

It styles all the elements with the title id

It styles all the elements with the title attribute --------

Carefully read the question and answer accordingly.

Please select all the answers that are applicable to HTML

1.Stands for Hyper Text Management Language

2.Stands for Hyper Text Markup Language

3.Authoring language to create documents on the world wide web

4.Defines the structure & layout of a web page

5.Has Tags with attributes

1&2&3&4

1&2&5

1&3&5

2&3&4&5 --------

2&3&4

Carefully read the question and answer accordingly.

How can you define an image with clickable areas?

Using <embed> tag

Using <map> tag ---------

Using <image> tag

Using <object> tag

Carefully read the question and answer accordingly.

Which mechanism was introduced in HTML 4.0 to define the presentation of HTML pages?

XML Documents

Presentation Manager

Cascading Style sheets ---------

Headers

Carefully read the question and answer accordingly.

Which tag is designed to be used for putting in the top banner of a window?

<banner>

<name>

<title>   ---------

Carefully read the question and answer accordingly.

Which all statements are true about the <blockquote> tag?

1.It defines a long quotation

2.It defines paragraph quotation

3.browser inserts white space before and after a blockquote element

4.browser inserts margins for the blockquote element

3&4

1&3&4   --------------

2&4

1&2&3

Carefully read the question and answer accordingly.

What are the features of Standard Generalized Mark-up Language (SGML)?

1.It is a method for marking up text into structural units like headings, paragraphs, list items etc.

2.Can be implemented on any computer

3.The language is dependent on the formatter (browser) which actually displays the text on the screen

4.The language is independent of the formatter (browser) which actually displays the text on the screen

1&2&4   -----------

2&4

1&3

1&3&4

Carefully read the question and answer accordingly.

How can you play a background sound when the page loads?

Using <sound> tag

Using <bgsound> tag -------------

Using the <pagesound> tag

Using an attribute of the <page> tag

Carefully read the question and answer accordingly.

What is the significance of Document Type Definition (DTD)? Please select all the relevant options?

1.Is a set of markup declarations that define a document type

2.It's syntax declares precisely which elements and references may appear where in the document

3.It declares precisely the programming logic used for each element in the document

4.It declares entities which may be used in the HTML document

5.It declares what the contents and attributes are for each element

1&2&4&5 --------------

2&5

3&4&5

1&3&4

1&2&3&4

Carefully read the question and answer accordingly.

Which is the significance of HTML tags?

1.HTML tags are coding instructions embedded in the HTML document

2.HTML tags are subroutines containing query elements in HTML document

3.A Web browser compiles the entire page

4.A Web browser is designed to read HTML tags & render the page graphically

5.A Web browser translates HTML tags into visual effects that determine how an HTML document looks to the viewer

1&2&4&5

2&4

1&3&5

1&2&3&4

1&4&5 ---------------

Carefully read the question and answer accordingly.

Which statements are true about HyperText Transfer Protocol (HTTP)?

1.Is the foundation of data communication for the World Wide Web

2.Is a networking protocol for distributed, collaborative, hypermedia information systems

3.Is a networking protocol for monolithic applications

4.The client submits an HTTP request message to the server & the server returns a response message to the client

5.The server submits a request to the client & the client returns a response message to the server

2&5

2&3&4

1&2&4 ------------

1&2&4&5

1&3

Carefully read the question and answer accordingly.

How do you bind a label with an input element?

The bind attribute of the <label> tag should be equal to the id attribute of the related element

The id attribute of the <label> tag should be equal to the for attribute of the related element

A label cannot be bound with an input element

The for attribute of the <label> tag should be equal to the id attribute of the related element ----------
-----

Carefully read the question and answer accordingly.

What is the significance of <fieldset> element?

1.The <fieldset> element groups thematically related controls and labels

2.The <fieldset> element inserts fields in pages

3.The usage of this element makes documents more accessible

4.The usage of this element makes documents more scalable

1&2

2&4

3&4

1&3 -----------------

Carefully read the question and answer accordingly.

What are your observations on the following example?

<title>Sample</title>

<h1>Chocolate</h1>

Chocolate is made up of

cocoa and milk

1.It is an example of HTML

2.It is an example of HTTP

3.It sets the title of the page

4.It has an anchor link

5.It has a value reference

1&3&4&5

1&2&3

2&4

3&4&5

1&3&4 ---------------------

carefully read the question and answer accordingly.

What are your observations on the following code?

public class Sample

{

[WebMethod]

public long CalculateAmount(intitemQty)

{

  long totalAmount = itemQty * 150;

MessageBox.Show(totalAmount.ToString());

}

}

1.It is an example of a web method of a web service

2.It is an example of a web method of an aspx page

3.It will generate a compile time error

4.It will generate a runtime time error

1&3 -----------------------------

1&3&4

1&2&3

1&3

2&4

Carefully read the question and answer accordingly.

Which statements are applicable to Web services?

1.Web services are built on DCOM

2.The data transfer is XML based

3.The communication protocol most often used for Web services is SOAP

4.The information is passed back & forth through TCP/IP

5.The information is passed back & forth through HTTP

1&2&4

2&3&5 -----------------------

1&3&4

1&4&5

2&3

Carefully read the question and answer accordingly.

What does the following code denote?

```
using System;
namespace BasicServer
{
public class BasicRServer : MarshalByRefObject
{
 public string GetServerResponse()
 {
  return "Greetings";
```

```
 }
}
}
```

Web Server Object

Remoting Client Object

Web Client Object

Remoting Server Object ----------------------

Carefully read the question and answer accordingly.

What is the significance of a SOAP Envelope?

SOAP Envelope defines the Text document as a SOAP message

SOAP Envelope defines the mechanism of transporting a SOAP message

SOAP Envelope transmits the SOAP message

SOAP Envelope defines the XML document as a SOAP message -----------------

carefully read the question and answer accordingly.

Which are the different elements of a WSDL?

1.types

2.enumerators

3.message

4.portType

5.binding

2&3&4

3&4&5

1&2&4&5

1&2&4

1&3&4&5 ---------------------

Carefully read the question and answer accordingly.

What is a web service class derived from?

System.Web.Util

System.Web.UI.Control

System.Web.UI.Page

System.Web.Services.WebService ----------

Carefully read the question and answer accordingly.

What does the following code denote?

public class Sample

{

[WebMethod]

```
public string CompanyName()
{
  return "Cognizant";
}
}
```

It is an example of a web method of an aspx page

It is an example of a Windows service

It is an example of a remoting client

It is an example of a web method of a web service ----------------

Carefully read the question and answer accordingly.

What enables clients to interact with UDDI directories & Web services?

WSDL

XML

SOAP --------------

UDDI

Carefully read the question and answer accordingly.

How is a web service different from an aspx page?

1.A web service runs on the server

2.A web service is based on XML data transfer

3.A web service file extension is .asmx

4.Methods of a web service are tagged as web methods

5.A web service is same as an aspx page

2&1&5

1&3&4

2&3&4

1&2&3 ----------------

1&2&4&5

Carefully read the question and answer accordingly.

How does SOAP enable creation & usage of Web services?

1.Enables messaging over HTTP

2.Uses proprietary means of describing data

3.Uses standard means of describing data

4.Provides a robust mechanism to send data & structure over the web

2&3

1&3&4 ----------------

1&2&3

1&4

Carefully read the question and answer accordingly.

What does the following code denote?

```
public class Sample
{
[WebMethod]
public string CompanyName()
{
  return "Cognizant";
}
}
```

It is an example of a remoting client

It is an example of a web method of an aspx page

It is an example of a web method of a web service ---------------

It is an example of a Windows service

Carefully read the question and answer accordingly.

What are your observations on the following code?

```
public class Sample
{
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public long CalculateAmount(intitemQty)
{
  long totalAmount = itemQty * 150;

MessageBox.Show(totalAmount.ToString());
}
}
```

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3.It will generate a compile time error

4.It will generate a runtime time error

1&3&4

1&3 ------------------

1&2&3

2&4

Carefully read the question and answer accordingly.

What enables clients to interact with UDDI directories & Web services?

XML

WSDL

UDDI

SOAP   ----------------------------

Carefully read the question and answer accordingly.

What happens when a web service is created on the server?

1..NET framework creates a WSDL proxy on the server hosting the service

2..NET framework creates a WSDL file on the server hosting the service

3.WSDL describes the web service interface

4.Web service proxies are automatically created on client computers

2&4

2&3 ----------------------

1&3

1&4

Carefully read the question and answer accordingly.

What happens when a web service is consumed by a client?

A WSDL proxy is created on the client that consumes the web service ------------

.NET framework creates a WSDL file on the server hosting the service

Web service methods are exposed at the server

A WSDL proxy is created on the server that consumes the web service

Carefully read the question and answer accordingly.

Which all statements are true about SOAP Header element?

1.SOAP Header element contains verbose description of a message

2.The SOAP Header element contains application-specific information, like authentication, payment, etc, about the SOAP message

3.SOAP Header is optional

4.SOAP Header is mandatory

5.SOAP Header element must be the first child element of the Envelope element

2&3&4

1&4

2&3&5 -----------

3&5

1&2&3&4

Carefully read the question and answer accordingly.

How do you create a Client proxy class in C# for XML web service using the wsdl tool?

wsdl /WSDL http://hostServer/WebserviceRoot/WebServiceName.asmx

wsdl http://hostServer/WebserviceRoot/WebServiceName.asmx?WSDL ---------------

wsdl http://hostServer/WebserviceRoot/WebServiceName.asmx

wsdl http://hostServer/WebserviceRoot/WebServiceName.asmx?XML

Carefully read the question and answer accordingly.

Which statements are true when a web method returns a dataset?

1.The web method can be used in Windows clients

2.The web method can be used in Web applications

3.The web method can be used in Java applications

4.The web method cannot be used directly in Java applications

1&2

1&2&4

3&4

1&2&3 ------------------

Carefully read the question and answer accordingly.

What is the significance of System.Web.Services.Description namespace?

It consists of the classes that enable Web Service consumers to locate available Web Services

It contains the classes needed to describe a Web Service -------------------

It consists of the classes used to define the protocols that enable message transmission over HTTP between ASP.NET Web Services and ASP.NET Web Service clients

It contains the classes needed to configure a Web Service

Carefully read the question and answer accordingly.

What is the significance of System.Web.Services.Discovery namespace?

It contains the classes needed to describe a Web Service

It consists of the classes that enable Web Service consumers to locate available Web Services-------------------------

It contains the classes needed to configure a Web Service

It consists of the classes used to define the protocols that enable message transmission over HTTP between ASP.NET Web Services and ASP.NET Web Service clients

Carefully read the question and answer accordingly.

What is the significance of System.Web.Services.Protocols namespace?

It contains the classes needed to describe a Web Service

It contains the classes needed to configure a Web Service

It consists of the classes used to define the protocols that enable message transmission over HTTP between ASP.NET Web Services and ASP.NET Web Service clients ----------------

It consists of the classes that enable Web Service consumers to locate available Web Services

Carefully read the question and answer accordingly.

What is Type marshalling?

Type marshalling is the mapping of Web Service method calls to SOAP datatypes

Type marshalling is consuming of types from Web Service method calls

Type marshalling is the mapping of types from Web Service method calls to SOAP datatype--------------------------------

Type marshalling is the mapping of types from Web Service method calls to .NET intrinsic datatypes

Carefully read the question and answer accordingly.

Can you access a Web Service from a standard ASP page?

Yes, by discovering the web service

Yes, by adding reference to the web service in the ASP application

Yes, by using the SOAP toolkit --------------

No, web services cannot be accessed from ASP pages

Carefully read the question and answer accordingly.

Which are the different elements of a WSDL?

1.types

2.enumerators

3.message

4.portType

5.binding

1&2&4

1&2&4&5

3&4&5

2&3&4

1&3&4&5-------------------------

Carefully read the question and answer accordingly.

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{

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}

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1&2&3

1&3&4

1&3 -----------------------

2&4

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1&2&4

1&4&5

2&3

1&3&4

2&3&5 ----------------------------

Carefully read the question and answer accordingly.

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{

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1&4

2&3

1&2&3

1&3&4 -------------------------

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4.Methods of a web service are tagged as web methods

5.A web service is same as an aspx page

1&2&4&5

2&3&4

2&1&5

1&3&4

1&2&3 ----------------------------------

Carefully read the question and answer accordingly.

What is a web service class derived from?

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SOAP Envelope transmits the SOAP message

SOAP Envelope defines the Text document as a SOAP message

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```
using System;
namespaceBasicServer
{
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{
public string GetServerResponse()
 {
return "Greetings";
 }
}
}
```

Remoting Client Object

Web Client Object

Web Server Object

Remoting Server Object --------------

Carefully read the question and answer accordingly.

What enables clients to interact with UDDI directories & Web services?

WSDL

SOAP --------------------

UDDI

XML

Evaluation and overview of .net framework

Carefully read the question and answer accordingly.

Which of the following .NET components can be used to remove unused references from the managed heap?

Common Language Infrastructure

Garbage Collector --------------------

CLR

Class Loader

Carefully read the question and answer accordingly.

Which of the following statements is correct about the .NET Framework?

.NET Framework uses DCOM for achieving language interoperability.

.NET Framework uses DCOM for creating unmanaged applications.

.NET Framework uses DCOM for making transition between managed and unmanaged code.-----------

.NET Framework is built on the DCOM technology.

Carefully read the question and answer accordingly.

Which of the following are valid .NET CLR JIT performance counters?

I: Total memory used for JIT compilation

II: Average memory used for JIT compilation

III: Number of methods that failed to compile with the standard JIT

IV: Percentage of processor time spent performing JIT compilation

V: Percentage of memory currently dedicated for JIT compilation

IV & V

I & II

III & IV

I, II & IV

I, II, III & IV ----------------------

Carefully read the question and answer accordingly.

Which of the following constitutes the .NET Framework?

1.ASP.NET Applications

2.CLR

3.Frame Work Class Library

4.WinForm Applications

5.Windows Services

1&2&4

1&2&5

1&2&3&4

3&4&5

2&3 --------------------------

Carefully read the question and answer accordingly.

Code that targets the Common Language Runtime is known as:

Unmanaged

Distributed

Managed Code --------------------------

Legacy

Carefully read the question and answer accordingly.

Which of the following statements are TRUE about the .NET CLR?

I: It provides a language-neutral development & execution environment.

II: It ensures that an application would not be able to access memory that it is not authorized to access.

III: It provides services to run "managed" applications.

IV: The resources are garbage collected.

V: It provides services to run "unmanaged" applications.

I, II, III & IV ------------------------

I, II & IV

I & II

IV & V

III & IV

Carefully read the question and answer accordingly.

Which of the following are parts of the .NET Framework?

1.The Common Language Runtime(CLR)

2.The Framework Class Libraries

3.Microsoft Published Webservices

4.Mobile Applications

2&3&4

1&2&3

3&4

1&2 ----------------------------

Carefully read the question and answer accordingly.

Which of the following is the root of the .NET type hierarchy?

System.Parent

System.Object ---------------------------

System.Base

System.Type

Carefully read the question and answer accordingly.

Which of the following assemblies can be stored in Global Assembly Cache?

Public Assemblies

Private Assemblies

Shared Assemblies ------------------------

Friend Assemblies

Carefully read the question and answer accordingly.

Which of the following components of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language?

.NET class libraries-----------------------

Component Object Model

Common Language Runtime

Common Language Infrastructure

Ado.net2

(1).Carefully read the question and answer accordingly.

What does the following code denote?

var orderedCustomers = from customer in Customers where customer.Grade == "Premium" orderby customer.Name select customer.Name;

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Ordering data

4.The following code shows the syntax for Filtering data

2&3&4   ----------------------------

1&4

1&2&3

1&3&4

(2).Carefully read the question and answer accordingly.

What does the following code denote?

var orderedCustomers = from customer in Customers orderby customer.BusinessDone descending select new {customer.Name,customer.BusinessDone};

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Ordering data in ascending order

4.The following code shows the syntax for Ordering data in descending order

5.The following code shows the syntax for Filtering data

1&3&4

2&4&5

2&4 -------------

1&2&3&5

2&3&4

(3).Carefully read the question and answer accordingly.

What does the following code denote?

var groupedCustomers = from customer in Customers group customer by customer.Grade into customerGroup select customerGroup.Key;

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Grouping data

4.The following code shows the syntax for Ordering data

5.The following code shows the syntax for Filtering data

1&3&5

2&3&4

4&5

1&2&4

2&3 ----------------------------------

(4).Carefully read the question and answer accordingly.

What does the following code denote?

List<Patient> patients = new List<Patient>

{

new Patient { Doctor = "Michael", Name = "George" },

new Patient { Doctor = "Simpson", Name = "Katy" },

new Patient { Doctor = "Michael", Name = "Sara" }

};

var patientsAndDoctors = from doctor in hospitalStaff join patient in patients on doctor.Name equals patient.Doctor select new { Doctor = doctor.Name, Patient = patient.Name };

1.The following code is an example of Database query

2.The following code is an example of LINQ query

3.The following code shows the syntax for Ordering data

4.The following code shows the syntax for Grouping data

5.The following code shows the syntax for Joining data

2&4

1&3&4&5

2&5 ------------------------------------

1&2&3

1&2

(5).Carefully read the question and answer accordingly.

How can LINQ queries be performed against multiple tables in a DataSet?

1.Cannot be performed

2.By using Join operator

3.By using GroupBy operator

4.By using GroupJoin operator

2&4 ---------------------------------

1&3

1&3&4

3&4

(6).Carefully read the question and answer accordingly.

How can you load data into a DataSet so that it can be queried using LINQ?

1.By using DataAdapter Class

2.By using LINQ to DataSet

3.By Using LINQ to SQL

4.By using LINQ to XML

2&3

1&3 ---------------------------------------

2&4

1&4

(7).Carefully read the question and answer accordingly.

What are the forms in which LINQ queries can be created?

1.Relational data syntax

2.Intrinsic data syntax

3.Query-Expression syntax

4.Method-based query syntax

3&4 -----------------------------------

1&3

2&3

1&2

(8).Carefully read the question and answer accordingly.

On which datasources do LINQ queries work?

1.Datasources that implement IEnumerable<T> interface

2.Datasources that implement IQueryable interface

3.Datasources that implement IQuery interface

4.Datasources that implement IAccess interface

3&4

2&4

1&2 ---------------------------------------

1&3

(9).Carefully read the question and answer accordingly.

What does the following code denote?

DataSet ds = new DataSet();

ds.Locale = CultureInfo.InvariantCulture;

FillDataSet(ds);

DataTable orders = ds.Tables["SalesOrderHeader"];

DataTable details = ds.Tables["SalesOrderDetail"];

var query =
   from order in orders.AsEnumerable()
   join detail in details.AsEnumerable()
   on order.Field<int>("SalesOrderID") equals
      detail.Field<int>("SalesOrderID")
   where order.Field<bool>("OnlineOrderFlag") == true
   && order.Field<DateTime>("OrderDate").Month == 8
   select new
   {
     SalesOrderID =
        order.Field<int>("SalesOrderID"),
     SalesOrderDetailID =

```
        detail.Field<int>("SalesOrderDetailID"),

    OrderDate =

        order.Field<DateTime>("OrderDate"),

    ProductID =

        detail.Field<int>("ProductID")

  };
```

1.Following code is an example of single table query using LINQ

2.Following code is an example of multiple table query using LINQ

3.AsEnumerable method of DataTables is called

4.AsEnumerable method of DataSets is called

1&4

1&4

1&3&4

2&3 -----------------------------------

(10).Carefully read the question and answer accordingly.

What does the following code denote?

var query = from o in orders

        where o.OnlineOrderFlag == true

        select new { o.SalesOrderID,

                o.OrderDate,

                o.SalesOrderNumber };

1.Usage of LINQ to query DataSets

2.Usage of LINQ to query Typed.DataSets

3.Usage of LINQ to query Multiple tables

4.Usage of LINQ to query a Single table

3&1

2&4 ------------------------------------

1&4

2&3

Strore procedure& func-2

Carefully read the question and answer accordingly.

Which all statements are true about the ability of SQL Server to execute CLR code?

1.The ability to execute CLR code is enabled by default

2.The ability to execute CLR code is disabled by default

3.References to create, alter, and drop database objects that reference managed code modules will not execute in SQL Server unless CLR execution is enabled

4.References to create, alter, and drop database objects that reference managed code modules will get executed automatically by SQL Server

1&3

3&4

2&3----------------------------------

1&2

Carefully read the question and answer accordingly.

What are your observations on Temporary stored procedures with respect to performance?

1.Heavy use of temporary stored procedures can lock system tables permanently in tempdb and adversely affect performance

2.Heavy use of temporary stored procedures can create contention on the system tables in tempdb and adversely affect performance

3.It is recommended that sp_executesql be used instead of temporary stored procedures

4.sp_executesql stores data in the system tables and therefore avoids the problem

5.sp_executesql discards data from the system tables and therefore avoids the problem

3&4

2&3 ---------------------------------

2&4&5

1&3&4

1&5

Carefully read the question and answer accordingly.

What are the advantages of using EXECUTE AS clause?

1.The execution becomes faster

2.You can control which user account the Database Engine uses to validate permissions on any objects that are referenced by the module

3.It provides additional flexibility and control in managing permissions across the object chain that exists between user-defined modules and the objects referenced by those modules

4.Users of the module only need permissions to execute the module itself; explicit permissions on the referenced objects are not required

5.Users of the module need explicit permissions on the referenced objects thereby making it more secure

1&2&4

1&2&3&5

2&3&4 -------------------------------------

3&4&5

1&3&5

Carefully read the question and answer accordingly.

Which statements are true about Global Temporary stored procedure?

1.A Global temporary procedure is available to all connections

2.A Global temporary procedure is available to all connections with explicit EXECUTE permission

3.A Global temporary procedure is dropped when the clean-up function is called by the calling procedure

4.A Global temporary procedure is dropped at the end of the last session using the procedure

5.If a global temporary procedure is created, all users with EXECUTE permissions can access it & permissions can also be revoked explicitly

1&2&3

1&4 --------------------------------

2&3

4&5

3&4&5

Carefully read the question and answer accordingly.

Which statements are true about Extended stored procedures?

1.They are inherited from another user defined stored procedure

2.They are DLLs developed in a programming language like c that an instance of Microsoft SQL Server can dynamically load and run

3.They run directly in the address space of an instance of SQL Server

4.They are programmed by using the SQL Server Extended Stored Procedure API

2&4

2&3&4 --------------------------------

1&3

1&2&4

Carefully read the question and answer accordingly.

What is the significance of clr enabled option?

1.It is used to specify whether user assemblies can be run by SQL Server

2.The clr enabled option can be set to value FALSE to denote that assembly execution is not allowed on SQL Server

3.The clr enabled option can be set to value TRUE to denote that assembly execution is allowed on SQL Server

4.The clr enabled option can be set to value 0 to denote that assembly execution is not allowed on SQL Server

5.The clr enabled option can be set to value 1 to denote that assembly execution is allowed on SQL Server

1&3&5

1&2

2&4

2&3&4

1&4&5-------------------------------

Carefully read the question and answer accordingly.

Identify the different types of stored procedures:

1.User-defined stored procedures - Transact SQL & CLR

2.Compiled Stored Procedures

3.Extended Stored Procedures

4.System Stored Procedures

1&2&4

1&3&4----------------------------------

3&4

1&3

Carefully read the question and answer accordingly.

Which statements are true about Local Temporary stored procedure?

1.A local temporary procedure is visible to all local connections

2.A local temporary procedure is visible only to the connection that created it

3.A local temporary procedure is dropped through a Clean-up job that is created & triggered by the user at the end of the current session

4.A local temporary procedure is automatically dropped at the end of the current session

5.A local temporary procedure can be used by all the local users

2&4-------------------------------

1&4

2&3&4

1&3&5

2&5

Carefully read the question and answer accordingly.

Identify steps in handling errors in a stored procedure.

1.When an error condition is detected in a T-SQL statement that is inside a TRY block, control is immediately passed to the CATCH block

2.The Error is processed in the TRY block

3.The Error is processed in the CATCH block

4.T-SQL statements in the TRY block that follow the statement that generated the error are not executed

2&3&4

1&3&4------------------------------

2&4

1&3

Carefully read the question and answer accordingly.

Which statements are true about CLR stored procedures?

1.It is a reference to a Microsoft .NET Framework common language runtime (CLR) method

2.The method can take and return user-supplied parameters

3.The method can only take input parameters

4.They are implemented as public, static methods on a class in a .NET Framework assembly

5.They are implemented as private, protected methods on a class in a .NET Framework assembly

1&2&4----------------------------

1&3

1&3&5

2&4

2&4&5

Carefully read the question and answer accordingly.

How are stored procedures similar to procedures developed in other programming languages?

1.Accept input parameters and return multiple values in the form of output parameters to the calling procedure or batch

2.Contain programming statements that perform operations in the database, including calling other procedures

3.Return a status value to a calling procedure or batch to indicate success or failure

4.Can be interpreted externally

1&2&3&4

1&4

1&2&3----------------------------

2&3&4

Carefully read the question and answer accordingly.

Where all can CLR functions be used?

1.CLR functions can be used to access external files

2.CLR functions can be used to access network resources

3.CLR functions can be used to configure the instance of SQL server

4.CLR functions can be used to access Web Services

5.CLR functions can be used to connect to other databases

1&2&4&5-----------------------------

4&5

2&3&4&5

2&4

1&3&5

Carefully read the question and answer accordingly.

Please select all the relevant options; The change in execution context remains in effect until:

1.Another EXECUTE AS statement is run

2.A REVERT statement is run

3.An Update statement is run

4.A New session is created

5.The session is dropped

1&2&5 -----------------------------

1&3

1&3&4

2&5

2&3&5

Carefully read the question and answer accordingly.

EXECUTE AS clause can be used to define the execution context of which all user-defined modules?

1.Messages

2.Functions

3.Procedures

4.Queues

5.Triggers

1&3&5

1&2&3&4

1&2&3&5

1&3&4&5

2&3&4&5 ------------------------------

Carefully read the question and answer accordingly.

What is a stored procedure? Please select all the relevant options

1.A collection of compiled T-SQL commands that are directly accessible by SQL Server

2.A collection of commands written in any base .NET language that are directly accessible by SQL Server

3.Commands placed in a stored procedure are interpreted one line at a time during execution

4.Commands placed in a stored procedure are executed as one batch

5.Stored procedures reduce network traffic

2&4

3&4&5

1&4&5---------------------------------

2&3&5

1&2&3

Carefully read the question and answer accordingly.

How do you determine the set of code access security permissions granted to assemblies by the SQL Server host policy level?

1.SAFE permission set

2.EXTERNAL_ACCESS permission set

3.MANAGED permission set

4.UNSAFE permission set

1&3

2&4

1&2&4 ------------------------------

1&2&3

Carefully read the question and answer accordingly.

Which statements are true about disabling CLR integration in SQL Server?

1.You can disable CLR integration by setting the clr enabled option to FALSE

2.You can disable CLR integration by setting the clr enabled option to 0

3.When you disable CLR integration, SQL Server unloads all CLR routines

4.When you disable CLR integration, SQL Server stops executing all CLR routines

5.When you disable CLR integration, SQL Server unloads all application domains

1&3&5

2&5

1&2

2&3&4

2&4&5------------------------------

Carefully read the question and answer accordingly.

What are the limitations of Ownership chaining?

1.Applies only to DML statements: SELECT, INSERT, UPDATE, and DELETE

2.The owners of the calling and the called objects must be the same

3.The owners of the calling and the called objects must be different

4.Does not apply to dynamic queries inside the module

1&2&4 ------------------------------

2&3&4

3&4

1&3

Carefully read the question and answer accordingly.

What all steps are involved in creating CLR functions?

1.Define the function as a static method of a class in a language supported by the .NET Framework

2.Define the function as a protected method of a class in a language supported by the .NET Framework

3.Create the assembly in SQL Server by using the CREATE ASSEMBLY statement

4.Register the assembly in SQL Server by using the CREATE ASSEMBLY statement

5.Create the function that references the registered assembly by using the CREATE FUNCTION statement

2&4

1&4&5--------------------------------

1&3&5

4&5

1&4

Carefully read the question and answer accordingly.

What are the benefits of using a stored procedure?

1.The procedure can reside outside the SQL Server instance, hence manageable

2.Precompiled execution, hence faster

3.Reduced network traffic

4.Efficient reuse of code

5.Efficient compilation

2&3&4 ----------------------------------

2&3&5

1&2&4

1&3&5

3&5

Data integrity ,constraints,subqueries and joins 2

Carefully read the question and answer accordingly.

Which statements are true in difference between primary key and unique key?

1.Primary Key is also a unique key internally, but it cannot allow null

2.Primary Key is also a unique key internally, but it can allow null

3.Unique key on the other hand allow a single null and a multiple null in a column

4.Unique key on the other hand allow a single null but not multiple null over the column

1&2&4

2&3

1&2

1&4-------------------------------

Carefully read the question and answer accordingly.

Which statements are true about Not Null constraint?

1.A not null constraint enforces that the column will accept the null values.

2.A not null constraint enforces that the column will not accept the null values.

3.Not Null constraint used to enforce the referential integrity

4.Not Null constraint used to enforce the domain integrity

3&4

1&3

2&4--------------------------------

1&2

Carefully read the question and answer accordingly.

Identify the difference between Inner Joins & Outer Joins.

1.Inner joins can be specified in the FROM clause only

2.Inner joins can be specified in either the FROM or WHERE clauses

3.Outer joins can be specified in the FROM clause only

4.Outer joins can be specified in the group by clause only

2&3----------------------------------

2&4

3&4

1&3

Carefully read the question and answer accordingly.

Which statements are true about inner joins?

The INNER JOIN keyword return rows when there is at least non match in both tables.

The INNER JOIN keyword return rows when there is at least one match in both tables.----------

The INNER JOIN keyword return null.

The INNER JOIN keyword return all rows.

Carefully read the question and answer accordingly.

Which statements are true about check constraint?

1.A Check constraint Is used to limit the value that can be placed in a column

2.A Check constraint Is used to de-limit the value that can be placed in a column

3.Check constraint used to enforce the domain integrity

4.Check constraint used to enforce the entity integrity

1&3----------------------------------

1&2

2&4

3&4

Carefully read the question and answer accordingly.

Which statements are true about Self Join?

1.Self-join should be used when you want to create a result set that joins records from two tables

2.Self-join should be used when you want to create a result set that joins records in a table with other records in the same table

3.To list a table two times in the same query, you must provide a table alias for at least one of instance of the table name

4.The table alias helps the query processor determine which rows should be displayed from the right table & which from the left version of the table

5.The table alias helps the query processor determine whether columns should present data from the right or left version of the table

3&5

1&2&4

1&2&5

2&3&5-------------------------------

3&4

Carefully read the question and answer accordingly.

Which one is the correct query regarding SQL –select Statements?

SELECT * FROM table_name WHERE (search-condition) GROUP BY (group by expression) ORDER BY (ASC/DESC) HAVING(condition)

SELECT (list of columns) FROM table_name WHERE (search-condition) HAVING(condition) GROUP BY (group by expression) ORDER BY (ASC/DESC)

SELECT * FROM table_name WHERE (search-condition) GROUP BY (group by expression) HAVING(condition) ORDER BY (ASC/DESC)----------------------------

SELECT (list of columns) FROM table_name WHERE (search-condition) HAVING(condition) ORDER BY (ASC/DESC) GROUP BY (group by expression)

Carefully read the question and answer accordingly.

Which statements are true full outer joins?

1.The FULL JOIN keyword returns all the rows from the left table, and all the rows from the right table .

2.There are rows that do have matches, those rows will be listed as well.

3.There are rows that do not have matches, those rows will be listed as well.

4.The FULL JOIN keyword not returns the rows from the left table, and all the rows from the right table .

1&2

3&4

1&3-------------------------

2&4

Carefully read the question and answer accordingly.

What is your observation on the following code?

USE Inventory;

GO

SELECT p.Name, pr.ProductReviewID

FROM Production.Product p

WHERE LEFT OUTER JOIN Production.ProductReview pr

ON p.ProductID = pr.ProductID

1.In the following code a FULL JOIN in the form of LEFT OUTER JOIN is used in the WHERE clause

2.In the following code LEFT OUTER JOIN is used in the WHERE clause

3.There will be an error as an INNER JOIN will be required in the FROM clause

4.There will be an error as LEFT OUTER JOIN cannot be used in a WHERE clause

1&3

2&4---------------------------

3&4

1&2&3

Carefully read the question and answer accordingly.

Which statements are true about data types ntext, text or image with respect to Joins?

1.Tables cannot be joined directly on ntext, text, or image columns by using the implicit assignment operator

2.Tables cannot be joined directly on ntext, text, or image columns

3.Tables can be joined on ntext, text, or image columns by using SUBSTRING Function

4.Tables can be joined on ntext, text, or image columns by using STR Function

2&3-----------------------------

3&4

1&4

1&2

Carefully read the question and answer accordingly.

Which statements are true about APPLY operator?

1.The APPLY operator allows you to join two table expressions

2.The APPLY operator allows you to join two columns from the same table

3.The right table expression is processed every time for each row from the left table expression

4.The left table expression is processed every time for each row from the right table expression

1&3--------------------------

1&4

2&3

2&4

Carefully read the question and answer accordingly.

Which is/are the statement/statements true about the TOP Clause?

1. The TOP expression can be applied in select ,insert ,update and delete statements

2.The WHERE clause of the outer query tests whether data exists in the subquery for each row of the outer query

3.The subquery returns a list of rows that match the criteria

4.The subquery returns a value of TRUE or FALSE

1&3&4

1&2&4 ----------------------------

1&2

3&4

Carefully read the question and answer accordingly.

Which statements are true right joins?

1.The RIGHT JOIN keyword returns all rows from the Right table , even if there are no matches in the Left table .

2.The RIGHT JOIN keyword returns all rows from the Right table , even if there are matches in the Left table .

3.It is the opposite of Left Outer join.

4.It is the opposite of full Outer join.

2&3

1&4

2&3&4

1&3------------------------------

Carefully read the question and answer accordingly.

Which statements are true about CROSS APPLY operator?

1.CROSS APPLY operator is a mechanism to allow a developer to correlate a table valued function to another table

2. The set of rows can be either a number or percentage and decimal value

3.Specifies that only the last set of rows will be returned from query result

4.TOP clause cannot be apply with the variable

1&4------------------------------

1&2

2&3&4

only 1

Carefully read the question and answer accordingly.

INTO statement in the SELECT CLAUSE will _____.

Creates a new table and inserts the resulting rows from the query into it ----------------

Specifies a search condition for the group by column

Calculate the summary value for each group

Sort query result by one or more columns

Carefully read the question and answer accordingly.

Which statements are true about Join conditions?

1.Joins can be specified only in the FROM clause

2.Joins can be specified only in the WHERE clause

3.Joins can be specified in either the FROM or WHERE clauses

4.Specifying the join conditions in the FROM clause helps separate them from any other search conditions that may be specified in a WHERE clause

& is the recommended method for specifying joins

5.Specifying the join conditions in the WHERE clause helps separate them from any other search conditions that may be specified in a FROM clause

& is the recommended method for specifying joins

1&3&5

3&4-----------------------------

1&5

2&4

3&4&5

Carefully read the question and answer accordingly.

Identify the statements that are applicable to Three table joins

1.First two tables have to be used to bridge to the third table

2.Only one table can be used to bridge from one of the other tables to the third table

3.At least one column from the middle table have to be referenced in the select list

4.None of the columns from the middle table have to be referenced in the select list

1&2&4

1&3

3&4

2&4--------------------------------

Which statements are true about default constraint?

1.A Default definition is used to add the values into the columns when values are omitted.

2.The default values must be compatible with the data type of the column to which the default applies.

3.The default values must be non compatible with the data type of the column to which the default applies.

4.A Default definition is used to add the values into the columns when values are not omitted.

3&4

1&4

1&2---------------------------------

2&3

Database & datafiles views and partition tables

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1)Carefully read the question and answer accordingly.

How does partition function work?

1.A partition function specifies how the table or index is partitioned

2.The function maps the database into a set of partitions

3.The function maps the domain into a set of partitions

4.To create a partition function, you must specify the number of partitions, the partitioning rows & the number of constraints for each partition

5.To create a partition function, you must specify the number of partitions, the partitioning column & the range of partition column values for each partition

1&3&5---------------------------------

2&5

1&2&3

4&5

1&2&3

2)Carefully read the question and answer accordingly.

What is the significance of Recovery model setting?

1.It determines how much data can be recovered in the event of a media failure

2.It determines the location where the data should be recovered in the event of a media failure

3.The default recovery is Full, which provides the greatest level of recovery

4.The default recovery is Partial, which provides the greatest level of recovery

1&3&4

1&2&3

2&4

1&3------------------------------------

3)Carefully read the question and answer accordingly.

Which are the conditions that should be in place before you apply a different collation to a database?

1.You are the only one currently using the database

2.The database is DETACHED so that it cannot be used by anyone

3.No schema-bound object depends on the collation of the database

4.Object-level integrity does not depend on the collation of the database

5.Changing the database collation does not create duplicates among any system names for the database objects

1&5

1&3

1&3&5 ----------------------------------

2&4

3&4&5

4)Carefully read the question and answer accordingly.

How is replication affected by partitioning of tables & indexes?

1.Partitioning cannot be applied in case of transactional replication

2.The performance of transactional replication can be optimized through partitioning by effectively reducing the amount of data and metadata that has to be managed by the replication system

3.The performance of merge replication can be optimized through partitioning by effectively reducing the amount of data and metadata that has to be managed by the replication system

4.Partitioning cannot be applied in case of merge replication

5.Replication supports a maximum of 1024 partitions per table

1&2

2&3&5 ----------------------

1&3&4

2&4&5

3&4

5)Carefully read the question and answer accordingly.

Which statements are true about Collation?

1.Collation specifies how strings are sorted and compared

2.Collation specifies how integers are stored

3.The selection of collation is language dependent and addresses differences in the way characters are ordered

4.The default collation for a database is based on the server default, which is set during the installation of SQL Server

1&4

1&3

2&3&4

1&3&4 ---------------------

6)Carr accordingly.

Which are the different types of file groups?

1.Secondary

2.Primary

3.Use-defined

4.Hidden

1&2&3

1&4

2&3--------------------------------------

3&4

7)Carefully read the question and answer accordingly.

What are the restrictions related to the database file creation?

1.Database file name should not be more than 8 characters

2.Database file name should be unique

3.The file must reside on one of the following devices: the local server on which SQL Server is installed, a Storage Area Network [SAN], or an iSCSI-based network

4.The path specified must exist on the drive prior to creating the database

1&3

2&3&4 --------------------------------

1&3&4

2&4

8)Carefully read the question and answer accordingly.

Which namespaces may cause the failure of a database collation change if duplicate names result from the changed collation?

1.Referential integrity constraints

2.Schema names

3.Scalar-type names such as system and user-defined types

4.Index names across multiple tables

5.Full-text catalog names

3&4

1&2&3

4&5

2&3&4

2&3&5--

10)Carefully read the question and answer accordingly.

Which are the different methods that can be used to retrieve individual database options?

1.By using DATABASEPROPERTY Function

2.By using DATABASEPROPERTYEX Function

3.By using sp_dboption system stored procedure

4.By using sp_database system stored procedure
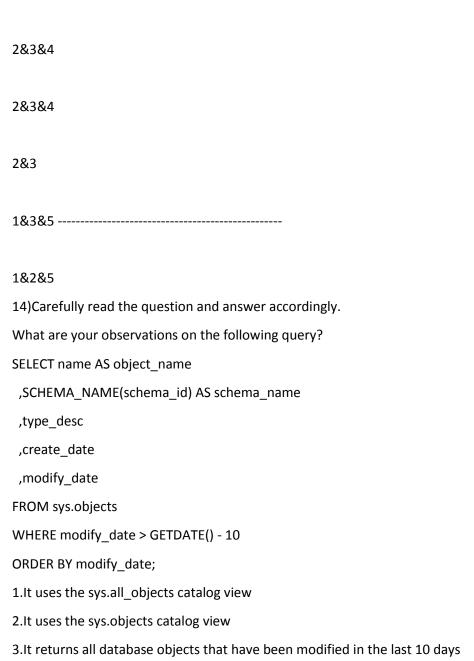
2&3 -------------------------------------

1&2&4

1&3

3&4

11)Carefully read the question and answer accordingly.

How do you invoke a User-defined table-valued function in SELECT, INSERT, UPDATE or DELETE statements?

A User-defined table-valued function can be invoked in the WHERE clause of a SELECT, INSERT, UPDATE & DELETE statement

A User-defined table-valued function can be invoked as a stored procedure from a SELECT, INSERT, UPDATE & DELETE statement

A User-defined table-valued function can be invoked in the FROM clause of a SELECT, INSERT, UPDATE & DELETE statement --

A User-defined table-valued function can be invoked in the USING clause of a SELECT, INSERT, UPDATE & DELETE statement

12)Carefully read the question and answer accordingly.

Which of the following two are name types of SQL Server files ?

1.physical_file_name

2.logical_file_name

3.primary_file_name

4.os_file_name

3&4

1&3

1&2&4

2&4----------- ---------------

13)Carefully read the question and answer accordingly.

What are the steps for creating partition tables & indexes?

1.Create a partition function to specify how a table or index that uses the function can be partitioned

2.Create a partition function to specify the placement of the partitions of a partition function on filegroups

3.Create a partition scheme to specify the placement of the partitions of a partition function on filegroups

4.Create a partition scheme to specify how a table or index that uses the function can be partitioned

5.Create a table or index using the partition scheme

2&3&4

2&3&4

2&3

1&3&5 --

1&2&5

14)Carefully read the question and answer accordingly.

What are your observations on the following query?

SELECT name AS object_name

 ,SCHEMA_NAME(schema_id) AS schema_name

 ,type_desc

 ,create_date

 ,modify_date

FROM sys.objects

WHERE modify_date > GETDATE() - 10

ORDER BY modify_date;

1.It uses the sys.all_objects catalog view

2.It uses the sys.objects catalog view

3.It returns all database objects that have been modified in the last 10 days

4.It returns all database objects that have been newly added in the last 10 days

2&3&4

1&4

2&3--

1&3&4

15)Carefully read the question and answer accordingly.

SQL Server consists of which of the following three types of files?

1.Primary data files

2.Secondary data files

3.Hidden files

4.Log files

1&3&4

only 4

1&2&3&4

1&2&4 --

16)Carefully read the question and answer accordingly.

How is the data of Partition tables managed?

1.The data of partitioned tables and indexes is divided into units that can be spread across more than one filegroup in a database

2.The data is partitioned horizontally, so that groups of rows are mapped into individual partitions

3.The data is partitioned vertically, so that groups of rows are mapped into individual partitions

4.The table or index is treated as a single logical entity when queries or updates are performed on the data

5.The table or index is treated as multiple logical entities when queries or updates are performed on the data

2&3

1&2&4 ---

3&4&5

1&5

4&5

Data Integrity, Constraints, Sub queries and Joins-1

Carefully read the question and answer accordingly.

What is the difference between corelated sub query & nested query?

1.In nested query the inner query is evaluated only once and from that result outer query is evaluated

2.In co-related sub query the inner query is evaluated only once and from that result outer query is evaluated

3.In co-related sub query the inner query is evaluated for multiple times for getting one row of that outer query

4.In nested query the inner query is evaluated for multiple times for getting one row of that outer query

5.Nested query contains a reference to the inner query row

1&4&5

1&2&4

1&2

2&4 ---

3&5

Carefully read the question and answer accordingly.

What does Referential integrity indicate?

1.It refers to each occurrence of a column having a correct data value

2.It indicates that the relationships between tables have been corectly maintained

3.Data in one table should only point to existing rows in another table and not point to rows that do not exist

4.Data in one table should have multiple fields

2&3&4

2&3 ---------------------------

1&4

1&3

Carefully read the question and answer accordingly.

What all components can a subquery nested in the outer SELECT statement have?

1.A regular SELECT query including the regular select list components

2.A regular FROM clause including one or more table or view names

3.A mandatory WHERE clause

4.A mandatory GROUP BY clause

5.A optional HAVING clause

2&5

3&5

1&2&4

1&2&5 --

1&4&5

Carefully read the question and answer accordingly.

How are Null values handled in Joins?

1.When there are null values in the columns of the tables being joined, null value of the right table is matched with the null value of the left table

2.When there are null values in the columns of the tables being joined, the null values do not match each other

3.The presence of null values in a column from one of the tables being joined can be returned only by using an inner join

4.The presence of null values in a column from one of the tables being joined can be returned only by using an outer join

5.When null values are present in data being joined, it is usually preferable to omit them from the results by using a regular join

1&3&4

1&3

3&5

2&3

2&4&5 -----------------------------------

Carefully read the question and answer accordingly.

What all expressions are used to create a computed column?

1.subquery

2.non computed column name

3.Constant

4.Function

2&3&4 ----------------------------------

2&3

1&2&3

1&4

Carefully read the question and answer accordingly.

Which all are the options of ON DELETE clause of a FOREIGN KEY constraint?

1.CLOSE

2.NO ACTION

3.CASCADE

4.SET NULL

5.SET DEFAULT

1&2&4

2&3&4

1&3&5

2&3&4&5 -------------------------

1&2&3&4

Carefully read the question and answer accordingly.

What all tasks can Scalar queries be used for?

1.To establish an implicit inner join

2.To remove an outer join

3.To create computed columns from multiple tables

4.To aggregate from multiple tables

5.To insert into tables based on values from other tables

1&3&5

2&5

2&4&5 -------------------------------

1&3&4

1&2&4

Carefully read the question and answer accordingly.

Which all statements are true about Nested sub queries?

1.A subquery can be nested inside the WHERE or HAVING clause of an outer SELECT, INSERT, UPDATE, or DELETE statement

2.A subquery cannot be nested inside another subquery

3.A subquery can be nested inside another subquery

4.Upto 32 levels of nesting is possible

5.Upto 1 level of nesting is possible

2&3&4

1&2&4

1&3&4 ---

3&5

2&5

Carefully read the question and answer accordingly.

Which statements are applicable to CHECK constraint?

1.Specifies that the column does not accept NULL values

2.Enforces domain integrity by limiting the values that can be put in a column

3.Specifies a Boolean search condition that is applied to all values that are entered for the column

4.Enforces the uniqueness of the values in a set of columns

1&4

2&3 --------------------------------

3&4

1&2&3

Carefully read the question and answer accordingly.

Please identify the restrictions on Scalar subqueries:

1.Scalar subqueries can't be used for CASE statements

2.Scalar subqueries can't be used for Default values for columns

3.Scalar subqueries can't be used for RETURNING clauses

4.Scalar subqueries can't be used for ORDER BY clauses

5.Scalar subqueries can't be used for GROUP BY clauses

3&5

2&3&5-----------------------------------

1&3

1&3&4

2&5

Carefully read the question and answer accordingly.

Which statements are true about CROSS APPLY operator?

1.CROSS APPLY operator is a mechanism to allow a developer to correlate a table valued function to another table

2.CROSS APPLY operator is a mechanism to allow a developer to correlate a table valued function to a stored procedure of another database

3.CROSS APPLY returns only rows from the outer table that produce a result set from the table-valued function

4.CROSS APPLY returns both rows that produce a result set, and rows that do not, with NULL values in the columns produced by the table-valued function

1&2&4

2&3

3&4

1&3 --

Carefully read the question and answer accordingly.

Which are the basic types of a sub query?

1.Those that operate on lists introduced with IN

2.Those that a comparison operator modified by ALL or NOT

3.Those that are introduced with an unmodified relational operator and must return a computed value

4.Those that are introduced with an unmodified comparison operator and must return a single value

5.Those that are existence tests introduced with EXISTS

3&4

2&3&5

1&3&5

1&5

1&4&5 ---

Carefully read the question and answer accordingly.

What statements are true about a Correlated Sub query?

1.A correlated subquery contains cross-references to the parent query that can force the execution of the parent query each time the sub query retrieves a new row

2.A correlated subquery contains cross-references to the parent query that can force the execution of the subquery each time the parent retrieves a new row

3.For each record fetched in outer query corresponding matching records are fetched in sub-query because of join condition within inner sub-query

4.For each record in the sub-query there are multiple matching records in the outer query because of join condition in the outer query

3&4

2&3 ---

1&4

1&2

Carefully read the question and answer accordingly.

Which statements are true about Data integrity?

1.It refers to each occurrence of a column having a correct data value

2.It indicates that the relationships between tables have been corectly maintained

3.The data value must be of right type

4.The data value must be in the correct domain

1&2

2&3&4

1&3&4 ---

3&4

Carefully read the question and answer accordingly.

Which statements are true about Computed columns?

1.By default, computed columns are not physically stored in the table

2.Values are retrieved from the internal database cache when they are referenced in a query

3.Values are recalculated every time they are referenced in a query

4.A computed column once created cannot be persisted at a later stage

5.The Database Engine uses the PERSISTED keyword in the CREATE TABLE to physically store computed columns in the table

2&4

1&2&4

1&5

1&3&5 ---

3&5

What are the restrictions a sub-query is subjected to?

1.If the WHERE clause of an outer query includes a column name, it cannot be join-compatible with the column in the subquery select list

2.If the WHERE clause of an outer query includes a column name, it must be join-compatible with the column in the subquery select list

3.The DISTINCT keyword cannot be used with subqueries that include GROUP BY

4.The DISTINCT keyword cannot be used with subqueries that include ORDER BY

5.ORDER BY can only be specified when TOP is also specified

3&5

2&3

2&3&5 --

1&4

1&4&5

Carefully read the question and answer accordingly.

Identify the difference between Inner Joins & Outer Joins

1.Inner joins can be specified in the FROM clause only

2.Inner joins can be specified in either the FROM or WHERE clauses

3.Outer joins can be specified in the FROM clause only

4.Outer joins can be specified in either the FROM or WHERE clauses

2&4

1&3&4

3&4

2&3 --

Carefully read the question and answer accordingly.

Which are the characteristics of a FOREIGN KEY constraint?

1.It identifies unique values in a table

2.It identifies & enforces relationship between tables

3.A foreign key in one table points to a candidate key in another table

4.Specifies a Boolean search condition that is applied to all values that are entered for the column

5.You cannot insert a row with a foreign key value, except NULL, if there is no candidate key with that value

2&3&5 --

2&4

1&3&4

3&5

1&3&5

Carefully read the question and answer accordingly.

How does a subquery with EXISTS work?

1.The subquery functions as an existence test

2.The WHERE clause of the outer query tests whether data exists in the subquery for each row of the outer query

3.The subquery returns a list of rows that match the criteria

4.The subquery returns a value of TRUE or FALSE

1&2&4 --

2&3&4

1&3

2&4

Buildingasp.net_applicatn1

Q1

Carefully read the question and answer accordingly.

How do you automatically detect a user's culture?

By checking the browser settings -------------------------

Automatic detection of user's culture is not possible

By checking the registry settings

By checking the ini file

Q2

Carefully read the question and answer accordingly.

How do you set the Culture or UICulture properties once for the entire application instead of each page?

By using the Request.UserLanguages property

By setting UICulture & Culture properties to auto

By calling the GetCultures method of the CultureInfo class

By setting the values in web.config ----------------------

Q4

Carefully read the question and answer accordingly.

Whenever a browser makes a request for a web page, the browser sends _____ header.

Accept-Language ------------------------------

Language

User-Settings

Culture

Q5

Carefully read the question and answer accordingly.

Identify from the list the localization resource files that can be associated with a page called MyPage.aspx which is constructed for US English.

1.MyPage.resx

2.MyPage.aspx.resx

3.MyPage.aspx.en-US.resx

4.MyPage.aspx.en.resx

3&4

2&3&4 ----------------------------

2&4

1&2&3

Q6

Carefully read the question and answer accordingly.

What is the significance of Culture property of a page class?

The Culture property determines the default culture of the operating system

The Culture property determines how resource files are used for formatting dates, numerals,and currency amounts

The Culture property is used to specify which resource files are loaded for the page

The Culture property determines how strings such as dates, numerals,and currency amounts are formatted-------------------

Q7

Carefully read the question and answer accordingly.

_____is the process of customizing your application for a given culture and locale.

Culturalization

Customization

Localization -----------------

Globalization

Q8

Carefully read the question and answer accordingly.

Which statements are true about App_LocalResources folder?

1.All the resource files to be associated with a page must be added to App_LocalResources folder

2.App_LocalResources folder must contain the application config file

3.The application config file must contain details of the App_LocalResources folder

4.App_LocalResources folder is created in the same folder as the page you want to localize

3&4

1&4 -----------------

2&3

1&2&3

Q9

Carefully read the question and answer accordingly.

What does the following code snippet denote?

<%@ Page Language="C#" Culture="en-GB" UICulture="en-GB" %>

1.How to set the Culture property manually

2.How to set the Culture property dynamically

3.How to set the UICulture property manually

4.How to set the UICulture property dynamically

2&4

1&3 ----------------------------

2&3

1&3&4

Q10

Carefully read the question and answer accordingly.

What does the GetCultures method of the CultureInfo class do?

Enables you to retrieve a sorted hashtable of cultures of type CultureInfo

Enables you to retrieve an unsorted array of cultures of type CultureInfo--------------------------------

Enables you to retrieve an unsorted hashtable of cultures of type CultureInfo

Enables you to retrieve a sorted array of cultures of type CultureInfo

Q1

Carefully read the question and answer accordingly.

How do you retrieve Local resources programmatically?

By using the GetLocalResourceObject method -------------------

By using the GetResource method

By using the GetResourceObject method

By using the GetObject method

Q2

Carefully read the question and answer accordingly.

Which two properties of a page class have an effect on localization?

1.Culture

2.Localize

3.UICulture

4.Globalize

1&3---------------------------------

3&4

1&2

2&4

Q3

Carefully read the question and answer accordingly.

What does the meta:resourcekey property in the code denote?

<asp:Button

id="btnSubmit"

meta:resourceKey="btnSubmit"

Text="Save Data"

ToolTip="Click to Save data"

OnClick="btnSubmit_Click"

Runat="server" />

It represents a resource key in a local resource file -----------

It represents a local resource file name

It represents the control name

It represents a value from a local resource file

Q4
Carefully read the question and answer accordingly.
What does the Accept_Language header contain?

Contains information of the default language

Contains a list of all the languages

Contains a list of the user's preferred languages ----------------

Contains information of the basic language

Q5
Carefully read the question and answer accordingly.
How can you display dates with language specific month names?

By modifying the web.config file

You cannot display dates with language specific month names

By modifying the Culture property ----------------------

By modifying the UICulture property

Q1

Carefully read the question and answer accordingly.

How do you set the Culture or UICulture properties automatically?

By setting UICulture & Culture properties to auto ----------------

By using the Request.UserLanguages property

By calling the GetCultures method of the CultureInfo class

By using the settings in web.config

Q6

Carefully read the question and answer accordingly.

How do you access culture names programmatically?(no answer)

By accessing Culture information from browser setting

By accessing the culture information from web.config

By calling the GetCultures method of the CultureInfo class ---------------

By calling the CultureInfo method of the CultureInfo class

Q7

Carefully read the question and answer accordingly.

What does the following culture name denote: en-GB?

It denotes that the language is English & Country is United Kingdom----------------

It denotes that the language is English & Country is United States

It denotes that the language is English & Country is India

It denotes that the language is English & Country is Global

Q8

Carefully read the question and answer accordingly.

What happens when the value of UICulture attribute in the <%@ Page > directive is set to value auto?

When a user requests the page, a resource file that matches the Culture property of the page directive is loaded automatically

When a user requests the page, a resource file that matches the registry settings is loaded automatically

When a user requests the page, a resource file that matches the settings in the config file is loaded automatically

When a user requests the page, a resource file that matches the user's preferred browser language is loaded automatically--------------------------------

Q8

  Carefully read the question and answer accordingly.

Culture & UICulture properties of a page class can have different culture values. State True or False.

False

True----------------------------------

Q6

Carefully read the question and answer accordingly.

What types of resource files does ASP.NET framework support?

1.Local

2.Private

3.Protected

4.Global

3&4

1&2

1&4 ----------------------------

2&3&4

Q1

Carefully read the question and answer accordingly.

What is the effect on the currency amount values by setting the Culture information?

Currency values are automatically converted

No effect on the currency values----------------------------------

Currency symbol is automatically placed

Currency values are fetched from web.config file

Q3

Carefully read the question and answer accordingly.

How can you retrieve Global resources programmatically?

By using the GetObject method

By using the GetResource method

By using the GetLocalResourceObject method

By using the GetGlobalResourceObject method-------------------------

Q5

 Carefully read the question and answer accordingly.

The value of the Culture property automatically has an effect on the rendering behavior of ASP.NET controls; State True or False.

True ------------------------

False

Q9

Carefully read the question and answer accordingly.

How do you set the culture information manually?

By setting the UICulture & Culture property of the <%@ UICulture %> directive in the aspx

By setting the UICulture & Culture property of the <%@ Localization %> directive in the aspx

By setting the UICulture & Culture property of the <%@ Culture %> directive in the aspx

By setting the UICulture & Culture property of the <%@ Page %> directive in the aspx--------------------
----

Q10

Carefully read the question and answer accordingly.

Which statements are true about App_GlobalResources folder?

1.All the resource files to be associated with the entire application must be added to App_GlobalResources folder

2.App_GlobalResources folder must contain the application config file

3.The application config file must contain details of the App_GlobalResources folder

4.App_GlobalResources folder must be located in the root of the application

2&3

1&2

3&4

1&4 ----------------------------

Q1

Carefully read the question and answer accordingly.

What is referred to as Specific Culture?

If you provide only a language code but no country/region code

If you do not provide either a language code or a country/region code

If you provide only a country/region code but no language code

If you provide both a language code and a country/region code -----------------------

Q4

Carefully read the question and answer accordingly.

How can you retrieve the value of Accept_Language header?

By using the InstantiateData method of the ITemplate interface

By calling the GetCultures method of the CultureInfo class

By using the Request.UserLanguages property------------------------------

By using the settings in web.config

Q5

Carefully read the question and answer accordingly.

How do you localize multiple control properties with one resource key?

By using explicit localization expression

By using web.config file

By using implicit localization expression ----------------------

You cannot localize multiple control properties with one resource key

Q10

Carefully read the question and answer accordingly.

What is a Neutral culture?

When you provide the culture name but no country/region code

When you do not specify either the country/region code or the culture name

When you provide country name & culture name as US

When you provide a country/region code but no culture name--------------------

Q10

Carefully read the question and answer accordingly.

The _____ property is used to specify which resource files are loaded for the page.

UICulture---

Localize

Culture

Globalize

Stored procedure and function-1

Carefully read the question and answer accordingly.

Which are the different types of scalar valued functions?

1.Internal

2.External

3.Deterministic

4.Nondeterministic

2&3

3&4--

1&4

1&2&3

Carefully read the question and answer accordingly.

Which statements are true about parameters to user-defined functions?

1.User-defined functions take zero or more input parameters and return either a scalar value or a table

2.User-defined functions take zero or more input parameters and return only an integer

3.A function can have a maximum of 1024 input parameters

4.When a parameter of the function has a default value, the keyword DEFAULT must be specified when calling the function to get the default value

3&4

1&2

2&3&4

1&3&4---

Carefully read the question and answer accordingly.

What is the difference between deterministic & non-deterministic scalar-valued function?

1.A non-deterministic function always returns the same result when it is called with a specific set of input parameters

2.A deterministic function always returns the same result when it is called with a specific set of input parameters

3.A non-deterministic function may return different results when it is called with a specific set of input parameters

4.A deterministic function may return different results when it is called with a specific set of input parameters

1&2

1&4

2&3---

3&4

Carefully read the question and answer accordingly.

When you execute user-defined functions that return scalar values, how are the parameters specified?

1.The argument values are enclosed in parentheses

2.The argument values are not enclosed in parentheses

3.Parameter names can be specified

4.If parameter names are specified, the argument values do not have to be in the same sequence as the parameters

1&2&4

1&3

2&3&4---

1&2&3&4

Carefully read the question and answer accordingly.

Which statements are true about Table-valued parameters?

1.They are user-defined scalar values that are passed into a procedure or function

2.They are user-defined table types that are passed into a procedure or function

3.They provide an efficient way to pass multiple rows of data to the server

4.They provide an efficient way to pass a connection to the server

2&3---

2&4

1&3&4

1&4

Carefully read the question and answer accordingly.

What are the conditions for assemblies created by using EXTERNAL ACCESS permission sets?

1.The assembly code should be type-safe

2.The assembly should contain only static data members in its classes unless they are marked as read-only

3.The classes in the assembly must contain finalizer methods

4.The classes or methods of the assembly should be annotated only with allowed code attributes

3&4

1&3&4

1&4---

2&3

Carefully read the question and answer accordingly.

How do you implement CLR table-valued functions?

1.They are implemented as methods on a class in a Microsoft .NET Framework assembly

2.IEnumerable interface has to be implemented

3.A custom interface has to be implemented

4.A collection or an array is converted to a result set

2&4

1&3&4

1&2&4---

2&3

Carefully read the question and answer accordingly.

How does EXTERNAL_ACCESS permission set work?

1.Allows access only to external assemblies with minimal access to internal computation

2.Allows access to internal computations

3.Allows access to external system resources such as files, networks & environment variables

4.Allows access to Registry

2&3&4--

2&3

1&2&3

1&4

Carefully read the question and answer accordingly.

Which of the following statements are applicable to built-in table-valued functions?

1.The invocation of built-in user-defined functions is always qualified with the sys schema qualifier

2.The invocation of built-in user-defined functions can be either unqualified or can use the sys schema qualifier

3.You should use the sys schema qualifier because it prevents conflicts with user-defined functions of the same name

4.You should use the sys schema qualifier because it suppresses user-defined functions of the same name

1&2&3

2&3---

1&4

3&4

Carefully read the question and answer accordingly.

What happens if the SCHEMABINDING option is used in CREATE FUNCTION statement?

1.The User-defined function cannot be deleted unless the database is dropped

2.The User-defined function cannot be modified unless the database is dropped

3.The database objects that the function references cannot be altered or dropped unless the function is dropped first

4.The database objects that the function references cannot be altered or dropped unless the schema binding of the function is removed

1&2&3

3&4---

2&4

1&3

Carefully read the question and answer accordingly.

What happens if you specify the ENCRYPTION option in CREATE FUNCTION statement?

1.The SQL Statements used to define the function are encrypted

2.The statements are encrypted into a .NET assembly

3.The statements are encrypted in the syscomments table

4.The statements are encrypted in the master table

2&4

1&2

2&3&4

1&3---

Carefully read the question and answer accordingly.

Which statements are true about a multistatement scalar function?

1.There is no function body

2.The function body defined in BEGIN...END block contains a series of T-SQL statements

3.The scalar value is a result of a single statement

4.The scalar value is a result of all the statements in the BEGIN...END block

2&4---

1&3&4

1&4

2&3

Carefully read the question and answer accordingly.

Which statements are true about an inline table-valued function?

1.There is no function body

2.The function body defined in BEGIN...END block contains a series of T-SQL statements

3.The table is the result set of a single SELECT statement

4.The table is the result set of a multiple SELECT statements

1&3&4

1&2

2&4

1&3--

Carefully read the question and answer accordingly.

Which statements are true about return types of CLR Scalar values functions?

1.The type returned from a scalar valued function can be any of the scalar data types supported by SQL Server, except varchar, char, rowversion, text, ntext, image, timestamp, table, or cursor

2.The type returned from a scalar valued function should be from the following list varchar, char, rowversion, text, ntext, image, timestamp, table, or cursor

3.Scalar valued functions must ensure a match between the SQL Server data type and the return data type of the implementation method

4.Scalar valued functions must ensure that the return type is a recordset

3&4

1&3---

1&2&4

2&4

Carefully read the question and answer accordingly.

How are User-defined functions different from User-defined Stored Procedures?

1.In User-defined function the default parameter is specified with a DEFAULT keyword

2.In User-defined function omitting the parameter also implies default value

3.User-defined functions do not support output parameters

4.User-defined functions do support output parameters

1&3&4

1&3--

1&2

2&4

Carefully read the question and answer accordingly.

Which statements are true about multistatement table-valued function?

1.There is no function body

2.The function body defined in BEGIN…END block contains a series of Transact-SQL statements that build and insert rows into the table that will be returned

3.The table is the result set of a single SELECT statement

4.The table is the result set of a multiple SELECT statements

2&4---

1&3

1&2

1&3&4

Carefully read the question and answer accordingly.

Which statements are true about an Inline scalar function?

1.There is no function body

2.The function body defined in BEGIN…END block contains a series of T-SQL statements

3.The scalar value is a result of a single statement

4.The scalar value is a result of all the statements in the BEGIN…END block

1&2

2&4

1&3--

1&2&4

SQL Server 2008 Overview-2

Carefully read the question and answer accordingly.

Which statements are true about DENSE_RANK function?

1.Returns the rank of rows within the partition of a result set, without any gaps in the ranking

2.The rank of a row is one plus the number of distinct ranks that come before the row in question

3.Returns the rank of each row within the partition of a result set

4.The rank of a row is one plus the number of ranks that come before the row in question

2&4

3&4

1&3

1&2 --

Carefully read the question and answer accordingly.

Which all statements are true about varbinary data type?

1.varbinary can hold binary data

2.varbinary can hold character data

3.The stored data can exceed 8,000 bytes

4.The value is based on regular expression logic

2&3

1&2&4

1&3--

2&4

Carefully read the question and answer accordingly.

How are the transaction locks acquired by a SELECT statement controlled?

1.Controlled by the transaction concurrency setting for the connection

2.Controlled by the transaction isolation level setting for the connection

3.Controlled by any locking hints specified in the WHERE clause

4.Controlled by any locking hints specified in the FROM clause

2&4--

1&2&3

3&4

1&2

Carefully read the question and answer accordingly.

How is the BLOB data used in .NET?

1.Is represented as an array of type integer

2.Is represented as an array of type byte

3.SQLDataReader class is used to read BLOB data

4.DataSet class is used to read BLOB data

2&3---

1&4

1&2

3&4

Carefully read the question and answer accordingly.

Identify Deterministic functions from the list:

1.ABS

2.GETDATE

3.DATEADD

4.CURRENT_TIMESTAMP

5.ISNULL

1&2&3

1&3&5---

1&3&4

2&3&5

2&3&4

Carefully read the question and answer accordingly.

Which are the different types of built-in functions that SQL Server 2008 supports?

1.Recordset functions

2.Rowset functions

3.Aggregate functions

4.Ranking functions

5.Scalar functions

1&3&5

1&2&3&4

3&4

2&3&4&5---

2&4&5

Carefully read the question and answer accordingly.

Identify Nondeterministic functions from the list:

1.MONTH

2.GETDATE

3.DAY

4.GETUTCDATE

5.CURRENT_TIMESTAMP

1&2&4

3&4

2&4

1&3&4

2&4&5---

Carefully read the question and answer accordingly.

How are BLOB strings & pointers stored in the row of a table?

1.BLOB strings and pointers stored in the row of a table are treated similarly to fixed-length strings

2.SQL Server uses fixed number of bytes required to store the string or the pointer

3.Just like fixed-length strings, SQL Server stores a NULL value as a BLANK in the relevant column

4.BLOB strings and pointers stored in the row of a table are treated similarly to variable-length strings

5.SQL Server uses only the number of bytes required to store the string or the pointer

4&5---

2&3

2&4&5

1&3&4

1&2&3

Carefully read the question and answer accordingly.

Which statements are true about Large CLR User defined types?

1.Extend existing SQL Server type system

2.Same as User-defined data type

3.Allow you to store CLR objects in SQL Server database

4.Allow you to store binary data in SQL Server database

1&2

2&4

1&4

1&3--

Carefully read the question and answer accordingly.

How do aggregate functions work?

1.They work only on integer values

2.They ignore null values

3.They perform a calculation on a set of values and return a single/summarized value

4.They are frequently used with the GROUP BY clause of the SELECT statement

5.They cannot be used with the GROUP BY clause of the SELECT statement

1&2&3

1&2&5

3&4&5

2&3&4&5

2&3&4---

Carefully read the question and answer accordingly.

Which statements are true about the max constant in a varchar type?

1.It can be used when the data can exceed more than 8000 characters

2.It can be used to fix the max length of characters for the entire column

3.It can be used to store large blocks of text

4.It can be used to store large image types

1&3--

1&3&4

2&3

1&2

Carefully read the question and answer accordingly.

Where all can aggregate functions be used as expressions only?

1.The select list of a SELECT statement

2.A COMPUTE or COMPUTE BY clause

3.A USING clause

4.A HAVING clause

5.A ORDER BY clause

1&2

3&4

1&2&4---

3&5

1&3&5

Carefully read the question and answer accordingly.

Which statements are true about RANK function?

1.It returns the rank of each row in the table within the partition of a database

2.The rank of a row is equal to the number of ranks that come before the row in question

3.The rank of a row is one plus the number of ranks that come before the row in question

4.The RANK function returns consecutive integers

5.The RANK function does not always return consecutive integers

2&4

3&5---

4&5

1&3

2&3&5

Carefully read the question and answer accordingly.

Which statements are true about sysname?

1.sysname is a system-supplied user-defined data type that is functionally equivalent to nvarchar(128)

2.sysname is a system-supplied user-defined data type that is functionally equivalent to nvarchar(256)

3.Sysname is not nullable

4.Sysname can hold Null & negative values

5.sysname is used to reference database object names

2&4&5

1&3&4

1&3&5---

1&2&5

3&4&5

Carefully read the question and answer accordingly.

Which statements are applicable to the GROUPING function?

1.It is an aggregate function that causes an additional column to be output with a value of 1 when the row is added by either the CUBE or ROLLUP operator

2.It is an aggregate function that causes an additional column to be output with a value of 1 when the row is not the result of CUBE or ROLLUP operator

3.It is an aggregate function that causes an additional column to be output with a value of 0 when the row is added by either the CUBE or ROLLUP operator

4.It is an aggregate function that causes an additional column to be output with a value of 0 when the row is not the result of CUBE or ROLLUP operator

5.Grouping is allowed only in the select list associated with a WHERE clause that contains either the CUBE or ROLLUP operator

2&3

1&3&4

3&4

1&4&5--

1&2&5

Carefully read the question and answer accordingly.

Which statements are true for a scenario where a data type is converted to varbinary?

1.When data is converted from a string data type to a binary or varbinary data type of unequal length, SQL Server pads or truncates the data on the right

2.When data is converted from a string data type to a binary or varbinary data type of unequal length, SQL Server pads or truncates the data on the left

3.When data types, except string, are converted to binary or varbinary, the data is padded or truncated on the left

4.When data types, except string, are converted to binary or varbinary, the data is padded or truncated on the right

5.Padding is achieved by using hexadecimal zeros

2&4&5

1&2&5

3&4&5

1&3&4&5

1&3&5---

Carefully read the question and answer accordingly.

How does the ROWCOUNT_BIG function work, identify all the applicable statements?

1.Returns the total number of rows in a table

2.Returns the number of rows affected by the last statement executed

3.The return type of ROWCOUNT_BIG is bigint

4.The return type of ROWCOUNT_BIG is int

1&2&3

1&3&4

2&3---

3&4

Carefully read the question and answer accordingly.

Which statements are true about ranking functions?

1.They are deterministic functions

2.They are Nondeterministic functions

3.They return a ranking value for each row in a partition

4.They return a ranking value for each table in a partition

only 4

1&2&3

2&3---

1&4

Carefully read the question and answer accordingly.

Which statements are true about large varchar?

1.A sql_char cannot contain a large varchar data type

2.A sql_variant cannot contain a large varchar data type

3.Large varchar columns can be specified as a key column in an index

4.Large varchar columns are the only columns that can be used as partitioning key columns

5.Large varchar columns cannot be used as partitioning key columns

only 4

2&5---

1&2&3

2&4&5

1&3&4

Xml1

1)Carefully read the question and answer accordingly.

What does the SELECT statement define?

1.The format of the database

2.The format of the result set. This is specified mostly in the select list

3.The tables that contain the source data. This is specified in the FROM clause

4.How the tables are logically related for the purposes of the SELECT statement. This is defined in the join specifications, which may appear in the WHERE clause or in an ON clause following FROM

5.The conditions that the rows in the source tables must satisfy to qualify for the SELECT statement. These are specified in the WHERE and HAVING clauses

1&2&5

1&3

1&2&4

3&5

2&3&4&5--

2)Carefully read the question and answer accordingly.

How can the execution plans of queries on partitioned tables and indexes be examined?

1.By using the Transact-SQL SET SHOWPLAN_XML

2.By using the Transact-SQL SET STATISTICS_XML

3.By using the Transact-SQL SET PARTITION_XML

4.By using the Transact-SQL SET INDEX_XML

3&4

1&4

1&2--

2&3

3)Carefully read the question and answer accordingly.

Which are the different types of Secondary XML index?

1.PATH Secondary XML index

2.FILE Secondary XML index

3.VALUE Secondary XML index

4.PROPERTY Secondary XML index

1&4

1&2

2&3

1&3&4--

4)Carefully read the question and answer accordingly.

What does the Query execution plan define?

1.The sequence in which the source tables are accessed

2.The sequence in which the rows are accessed

3.The methods used to extract data from each table

4.The methods used to arrange data in each table

2&3

1&4

3&4

1&3--

5)Carefully read the question and answer accordingly.

How does SQL server execute a stored procedure or a trigger?

1.SQL Server stores only the source for stored procedures and triggers

2.SQL Server keeps the stored procedures & triggers in compiled form for future execution

3.When a stored procedure or trigger is first executed, the source is compiled into an execution plan

4.If the stored procedure or trigger is again executed before the execution plan is aged from memory, the relational engine detects the existing plan and reuses it

5.If the execution plan has aged out of memory, a new plan is built

1&2&4

4&5

1&3&4&5--

1&3

2&4&5

6)Carefully read the question and answer accordingly.

Which statements are true about Primary XML index?

1.It is a shredded and persisted representation of the XML BLOBs in the xml data type column

2.For each XML binary large object (BLOB) in the column, the index creates several rows of data

3.For each XML binary large object (BLOB) in the row, the index creates several columns of data

4.The number of rows in the index is approximately equal to the number of nodes in the XML binary large object

5.The number of columns in the index is approximately equal to the number of nodes in the XML binary large object

1&2&3&5

1&3&5

2&5

3&4

1&2&4---

7)Carefully read the question and answer accordingly.

What does the following syntax do? Please select all the relevant options

CREATE TABLE T1(Col1 int primary key, Col2 xml)

1.It creates a row in a table

2.It creates a column of type int in the table & sets it as a primary key

3.It creates a column of type xml

4.It creates an empty table

2&4

1&3

1&4

2&3---

8)Carefully read the question and answer accordingly.

Which are the different ways of storing an XML value to a XML column, parameter or variable?

1.As a number is implicitly converted to XML data type number

2.As a character or binary SQL type that is implicitly converted to XML data type

3.As the content of a file

4.As the output of the XML publishing mechanism FOR XML with the TYPE directive that generates an XML data type instance

2&4

1&2&3

1&3

2&3&4---

9)Carefully read the question and answer accordingly.

Which of the following argument of the CREATE TRIGGER statement specifies the security context under which the trigger is executed?

ALL SERVER

EXECUTE AS--

WITH ENCRYPTION

INSTEAD OF

10)Carefully read the question and answer accordingly.

CREATE TRIGGER trgmagic ON empdepthistory

AFTER UPDATE AS

BEGIN

SELECT * FROM deleted

SELECT * FROM inserted

END

What action does the above query perform?

1.creates an AFTER UPDATE trigger on the empdepthistory table.

2.whenever an UPDATE STATEMENT is fired the trgMagic trigger is executed and displays the previous values in the table as well as the updated values.

3.creates an BEFORE UPDATE trigger on the empdepthistory table.

4.whenever an DELETE STATEMENT is fired the trgMagic trigger is executed and displays the previous values in the table as well as the updated values.

1&2&3

1&2--

2&3

3&4

11)Carefully read the question and answer accordingly.

XPath consists of which of the following

three types of files?

1.integer

2.string

3.number

4.boolean

2&3&4--

1&4

1&2&3

2&4

12)Carefully read the question and answer accordingly.

What does the input to Query Optimizer consist of?

1.The query

2.The database schema

3.The database statistics

4.The selected rows

3&4

1&2&3--

1&2&4

1&3

13)Carefully read the question and answer accordingly.

What does the below Query do ?   INSERT INTO docs   SELECT 10, xCol FROM   (SELECT * FROM OPENROWSET   (BULK 'C:\temp\xmlfile.xml', SINGLE_BLOB) AS xCol) AS R(xCol)

A new row is inserted into the table named docs...........................

Querying and Modifying XML Data

It is typed XML insert statement

Storing XML Data Generated Using FOR XML with TYPE Directive

14)Carefully read the question and answer accordingly.

What all features are supported by SQLXML in SQL Server?

1.Ability to transform the result of a query into XML on the client side

2.Ability to create an XML view of relational data by using an annotated XSD mapping schema file

3.Ability to access SQL Server using HTTP

4.Ability to access SQL Server using TCP/IP

5.Ability to expose functionality offered by stored procedures, user-defined functions, and template queries as SOAP-based Web services

3&4&5

1&2&4

1&2&3

1&2&3&5--

1&5

15)Carefully read the question and answer accordingly.

Which statements are true about Secondary XML index?

1.To enhance search performance, you can create secondary XML indexes

2.Search performance is slightly reduced but it is easier to manage

3.A secondary XML index can be created independent of a primary XML index

4.A primary XML index must first exist before you can create secondary indexes

2&3

1&2&3

1&3

1&4--

16)You might want to write queries that combine relational and XML data processing;How do you write such cross-domain queries?

1.Apply the value of a SQL variable in your XQuery or XML DML expression using sql:variable()

2.Apply the value of a SQL variable in your XQuery or XML DML expression using sql:column()

3.Use the values from a relational column in XQuery or XML DML context with sql:variable()

4.Use the values from a relational column in XQuery or XML DML context with sql:column()

2&3&4

2&3

1&4--

1&2

17)Which statements are true about nonclustered indexes with respect to partitions?

1.Nonclustered indexes have one row in sys.partitions with index_id >0 for each partition used by the index

2.Nonclustered indexes have one column in sys.partitions with index_id >0 for each partition used by the index

3.By default, a nonclustered index has a single partition

4.By default, a nonclustered index has multiple partitions

5.Each partition has a B-tree structure that contains the index rows for that specific partition

2&5

1&3&5---

1&2&3

1&3

2&3&4

18)On what conditions does the SQL Server query optimizer not use a parallel execution plan for a query?

1.The serial execution cost of the query is not high enough to consider an alternative, parallel execution plan

2.The parallel execution cost of the query is not high enough to consider an alternative serial execution plan

3.A serial execution plan is considered faster than any possible parallel execution plan for the particular query

4.The query contains scalar or relational operators that cannot be run in parallel

2&3

2&4

1&3&4---

1&2

19)Which are the categories that the XPath operators are divided into?

1.Boolean operators

2.Relational operators

3.Logical operators

4.Equality operators

5.Arithmetic operators

1&5

1&2&3

2&4&5

1&2&4&5---

1&3&4

20)How does SQL server handle Parallel query processing?

1.During query optimization, SQL Server looks for queries or index operations that might benefit from parallel execution

2.SQL Server inserts exchange operators into the query execution plan to prepare the query for parallel execution

3.After exchange operators are inserted, the result is a parallel-query execution plan which can use more than one thread

4.After exchange operators are inserted, the queries are compiled into an executable

1&3&4

1&2

1&2&3--

2&4

21)Which statements are true about Secondary XML index?

1.To enhance search performance, you can create secondary XML indexes

2.Search performance is slightly reduced but it is easier to manage

3.A secondary XML index can be created independent of a primary XML index

4.A primary XML index must first exist before you can create secondary indexes

1&2&3

1&4--

2&3

1&3

22)How is the support for XML integrated into SQL Server?

1.Support for the xml data type

2.Ability to specify an XQuery query against XML data stored in columns and variables of the xml type

3.Ability to handle bulk loading of XML data

4.Ability to merge XML

1&2&3--

2&4

1&3

1&3&4

XML-2

1)Carefully read the question and answer accordingly.

Which statements are true about AFTER trigger?

1.AFTER trigger executes after the statement that triggered it completes

2.AFTER trigger executes after the last trigger in the queue

3.If the statement fails with an error the trigger is not executed

4.AFTER triggers cannot be specified for tables, they can only be specified for views

5.AFTER triggers cannot be specified for views, they can only be specified for tables

1&2&5

4&5

2&3&4

1&2&3

1&3&5--

2)Carefully read the question and answer accordingly.

What are the query considerations for using clustered indexes?

1.Use clustered index when a query returns a range of values by using operators such as BETWEEN, >, >=, <, <=

2.Use clustered index when a query returns large resultsets

3.Use clustered index when a query needs to handle Null values

4.Use clustered index when a query uses JOIN clauses

5.Use clustered index when a query uses GROUP BY or ORDER BY clauses

2&3&5

2&4

1&4

1&3

1&2&4&5--

3)Carefully read the question and answer accordingly.

Which all columns cannot be specified as index key columns?

1.integer

2.ntext

3.text

4.image

5.varchar(max)

1&4

2&3&4

2&3&4&5--

1&3&5

3&5

4)Carefully read the question and answer accordingly.

Which statements are true about Clustered index?

1.A clustered index sorts and stores the data rows of the table or view in order based on the clustered index key

2.A clustered index sorts and stores the data columns of the table or view in order based on the clustered index key

3.A clustered index is implemented as a B-tree index structure

4.A clustered index is implemented as a Linked-list structure

2&3

1&3---

1&4

2&3&4

5)Carefully read the question and answer accordingly.

Which are the conditions when indexes of views can provide significant performance advantages?

1.When the view contains aggregations

2.When the view contains compositions

3.When the view contains table joins

4.When the view contains a combination of aggregations & joins

5.When the view contains locks

1&2&4

2&5

3&5

1&3&4--

1&5

6)Carefully read the question and answer accordingly.

For which attributes of columns are clustered indexes not advisable?

1.Columns are unique or contain distinct values

2.Columns change frequently

3.Columns are accessed sequentially

4.When there are Wide keys

1&3&4

2&3

2&4---

1&3

7)Carefully read the question and answer accordingly.

What is the significance of the Results pane of the Query designer?

1.It shows a grid with data retrieved by the query or view

2.It shows the results of the most recently executed SELECT query

3.It shows the query syntax

4.You can modify the database by editing values in the cells of the grid

5.You can add or delete rows

1&2&5

1&2&3&4

1&2&4&5--

2&3&5

1&3&5

8)Carefully read the question and answer accordingly.

Which of the following T-SQL statements are not allowed in a DML trigger?

1.ALTER DATABASE

2.LOAD DATABASE

3.CREATE

4.UPDATE

5.CREATE DATABASE

1&2&5--

2&3

1&2&4

4&5

3&4

9)Carefully read the question and answer accordingly.

Identify types of indexes from the list.

1.Clustered

2.Unique

3.Variable

4.Spatial

5.Filtered

1&2&3&5

1&4

3&5

2&3&4

1&2&4&5--

10)Carefully read the question and answer accordingly.

What are the column considerations for using clustered indexes?

1.Columns are unique or contain distinct values

2.Columns change frequently

3.Columns are accessed sequentially

4.Column is used frequently to sort data retrieved from a table

2&3&4

1&3&4---

2&4

1&3

11)Carefully read the question and answer accordingly.

Where all clustered indexes are useful?

1.For remotely used queries

2.For frequently used queries

3.For providing a high degree of uniqueness

4.Where the requirement is for range queries

5.For providing high degree of efficiency

1&4&5

1&4

2&3&4---

1&2&3

3&5

12)What is the impact of disabling an index for clustered indexes?

1.Prevents user access to the index

2.Prevents user access to all the indexes

3.Prevents user access to the underlying table data

4.Prevents user access to the underlying database

1&3&4

2&3

1&3--

2&4

13)Carefully read the question and answer accordingly.

Which all index options can be set without rebuilding the index?

1.ALLOW_PAGE_LOCKS

2.ALLOW_ROW_LOCKS

3.IGNORE_DUP_KEY

4.DATA_COMPRESSION

5.STATISTICS_NORECOMPUTE

2&5

1&3&5

1&2&3&5

1&4---

3&4&5

14)Carefully read the question and answer accordingly.

What is the significance of INSTEAD OF argument of the CREATE TRIGGER statement?

1.Specifies that the DML trigger is executed instead of the triggering SQL statement

2.It overrides the actions of the triggering statements

3.It can be specified for DDL or logon triggers

4.It cannot be specified for DDL or logon triggers

1&2&4---

1&2&3

3&4

1&4

15)What are the benefits of using a Unique index?

1.It is less error prone

2.Data integrity of the defined columns is ensured

3.Additional information helpful to the query optimizer is provided

4.The performance is not degraded

1&2&4

2&3--

1&4

3&4

16)Carefully read the question and answer accordingly.

Which are the different mechanisms of creating Nonclustered indexes?

1.Implicitly with PRIMARY KEY & UNIQUE constraints

2.Explicitly with PRIMARY KEY & UNIQUE constraints

3.Implicitly with CREATE INDEX

4.Explicitly with CREATE INDEX

1&3

2&4

2&3

1&4---

17)Carefully read the question and answer accordingly.

Which statements are true about the DATABASE argument of the CREATE TRIGGER statement?

1.Applies the scope of a DDL trigger to the current database

2.The trigger fires whenever event_type or event_group occurs in the current database

3.The trigger fires whenever a new record is inserted in tables of the current database

4.The trigger fires whenever a records are deleted from the tables in the current database

3&4

1&3

2&4

1&2---

18)Carefully read the question and answer accordingly.

Which statements are true about trigger creation?

1.CREATE TRIGGER must be the first statement in the batch

2.CREATE TRIGGER must be the last statement in the batch

3.CREATE TRIGGER can apply to only one table

4.CREATE TRIGGER can apply to multiple tables

5.A trigger is created only in the current database; however, a trigger can reference objects outside the current database

2&3&4

2&4

4&5

1&4

1&3&5---

SQL Server 2008 OverView-1

Carefully read the question and answer accordingly.

Which of the securables are contained in the Database scope?

1.Login

2.User

3.Role

4.Assembly

5.End Point

2&3&4--

1&2&5

1&3&5

3&4&5

1&2&3

Carefully read the question and answer accordingly.

How are Database-level principals categorized?

1.Database administrator

2.Database User

3.Database Role

4.Windows Role

5.Application Role

1&2&3&5

2&5

1&4&5

2&3&5---

1&2&5

Carefully read the question and answer accordingly.

Which statements are true about VARP function?

1.Returns the statistical variance of all values in the specified expression

2.Returns the statistical variance for the population of all values in the specified expression

3.VARP can be used with Var columns only

4.VARP can be used with numeric columns only

5.Null values are treated as zeros or blanks depending on the type

2&4---

3&5

2&5

4&5

1&4

Carefully read the question and answer accordingly.

Which statements are true w.r.t. Indexing about Large Object data types?

1.Can be an index key column only if a primary key is mentioned

2.Cannot be an index key column

3.Can participate as nonkey columns in a clustered index except for image, ntext, and text

4.Can participate as nonkey columns in a nonclustered index except for image, ntext, and text

5.Can participate if part of a computed column expression

2&4&5--

1&4&5

3&4&5

2&4

1&2&5

Carefully read the question and answer accordingly.

Which all permission types are applicable to Functions?

1.SELECT

2.INSERT

3.UPDATE

4.DELETE

5.EXECUTE (scalar)

3&5

1&2&5

2&4

3&4

1&5---

Carefully read the question and answer accordingly.

SQL Server 2008 Security model is based on three categories that separate the basic elements of security, which among the following are those?

1.Principals

2.Constraints

3.Securables

4.Permissions

1&3&4--

1&2&4

2&4&3

1&2&3

Carefully read the question and answer accordingly.

Which all statements are true about varchar data type?

1.varchar can hold alphanumeric data

2.The storage size of Varchar datatype is fixed

3.Each row can hold different number of characters up to the max length defined

4.Each row can hold fixed number of characters as defined by max length

1&3&4

2&4

1&3---

1&2

Carefully read the question and answer accordingly.

Can you convert a Nonpartitioned Table to a Partitioned Table? If yes, how?

1.By creating a partitioned non-clustered index on the table by using the CREATE INDEX statement

2.By creating a partitioned clustered index on the table by using the CREATE INDEX statement

3.By using the ALTER TABLE SWITCH statement to switch the data of the table to a range-partitioned table that has only one partition

4.By using the ALTER TABLE SWITCH statement to switch the data of the table to a range-indexed table that has a unique partition

5.You cannot convert a Nonpartitioned Table to a Partitioned Table

only 1

2&3--

1&2

3&5

2&4&5

Carefully read the question and answer accordingly.

Which statements are true about Principals?

1.Principals are entities that can configure SQL Server permissions

2.Principals are entities that can request SQL Server resources

3.Principals can be arranged in a hierarchy

4.The scope of influence of a principal depends on the scope of the definition of the principal

5.The scope of influence of a principal depends on the size of the database

3&4&5

1&2&3

2&3&4&5

2&3&4--

1&2&3&4

Carefully read the question and answer accordingly.

Where all can Aggregate functions be used as Expressions?

1.The select list of a SELECT statement (either a subquery or an outer query)

2.A COMPUTE or COMPUTE BY clause

3.A GROUP BY clause

4.A HAVING clause

5.An OVER clause

1&3&5

1&2&4&5

1&2&4---

2&4&5

2&3&5

Carefully read the question and answer accordingly.

What are the advantages of using SQL Server Authentication?

1.Allows SQL Server to support Web-based applications where users create their own identities

2.Allows software developers to distribute their applications by using a complex permission hierarchy based on known, preset SQL Server logins

3.Can also use Kerberos Security protocol

4.Users can connect from unknown or untrusted domains

5.Additional password policies offered by Windows can be inherited for SQL Server logins

1&2&5

1&3&4

2&4&5

1&2&4---

2&3&5

Carefully read the question and answer accordingly.

Which among the following are different Securable scopes?

1.Server

2.Client

3.Database

4.Schema

1&3&4--

1&2&4

3&4

2&4

Carefully read the question and answer accordingly.

Which statements are true about the GROUPING function?

1.It is an aggregate function that causes an additional column to be output with a value of 1 when the row is added by either the CUBE or ROLLUP operator

2.It is an aggregate function that causes an additional column to be output with a value of 0 (True) when the row is added by either the CUBE or ROLLUP operator

3.It is an aggregate function that causes an additional column to be output with a value of 0 when the row is not the result of CUBE or ROLLUP operator

4.It is an aggregate function that causes an additional column to be output with value equal to the number of rows added by either the CUBE or ROLLUP operator

5.Grouping is allowed only in the select list associated with a GROUP BY clause that contains either the CUBE or ROLLUP operator

3&4

1&3&4

1&2&4

3&5

1&3&5--

Carefully read the question and answer accordingly.

What will be the output of the following query?

USE SalesSystem;

GO

SELECT PATINDEX('%ia',Country)

FROM Production.Customer

GO

1.The query returns those rows in the table in which the pattern was found

2.The query returns all the columns for those rows in the table in which the pattern was found

3.The query returns only those columns in each row in the table in which the pattern was found

4.The query returns all rows in the table and reports nonzero values for those rows in which the pattern was found

5.The query returns all rows in the table and reports zero values for all rows in which the pattern was not found

2&5

4&5--

3&5

2&3

1&4

Carefully read the question and answer accordingly.

Using which system Storeprocedure the administrator will register the Extenede StoreProcedure DLL to the SQL Server.

sp_addextendedproc--

sp_addlinkedsrvlogin

sp_addlinkedserver

sp_ActiveDirectory_Obj

Carefully read the question and answer accordingly.

What does the following code denote?

DECLARE @odetails orderdetails;

SELECT @odetails = orderdetails::GetFirstItem();

PRINT @odetails.ToString();

1.It denotes usage of Scope Resolution operator

2.It denotes usage of Compound operator

3.The operator is denoted by a :: symbol

4.The operator provides access to public non-static members of a compound data type

5.The operator provides access to static members of a compound data type

4.

4&5

3&4&5

1&2&4

2&3&5

1&3&5---

Carefully read the question and answer accordingly.

Choose the different classes which the SQL Server divides principals into?

1.Windows-level principal

2.Field-level principal

3.Database-level principal

4.SQL Server-level principal

1&3&4--

1&3

1&4

2&3&4

Carefully read the question and answer accordingly.

Which are the different types of Windows-level principals?

1.Windows Authorization

2.Windows domain login

3.Windows database login

4.Windows local login

1&2&4

only 2

2&4---

2&3

Carefully read the question and answer accordingly.

Which statements are true about ROLLBACK TRANSACTION statement?

1.Rolls back an implicit transaction to the beginning of the transaction, or to a savepoint inside the transaction

2.Rolls back an explicit transaction to the beginning of the transaction, or to a savepoint inside the transaction

3.It caches all data modifications & then erases from the start of the transaction or to a savepoint

4.It erases all data modifications made from the start of the transaction or to a savepoint

5.It reverses all the modifications made before the COMMIT TRANSACTION statement

2&3&4

1&3&5---

3&4&5

2&4&5

1&2&4

Carefully read the question and answer accordingly.

What does the following code denote?

DECLARE @odetails orderdetails;

SELECT @odetails = orderdetails::GetFirstItem();

PRINT @odetails.ToString();

1.It denotes usage of Scope Resolution operator

2.It denotes usage of Compound operator

3.The operator is denoted by a :: symbol

4.The operator provides access to public non-static members of a compound data type

5.The operator provides access to static members of a compound data type

4.

1&3&5

1&2&4

3&4&5

4&5

2&3&5

Carefully read the question and answer accordingly.

On what conditions can you perform concurrent online index operations on the same table?

1.Creating multiple clustered indexes

2.Creating multiple nonclustered indexes

3.Reorganizing different indexes on the same table

4.Reorganizing unique indexes on multiple tables

5.Reorganizing different indexes while rebuilding nonoverlapping indexes on the same table

3&4&5

2&4

1&3&5---

2&3&5

1&2&4

javascript

Carefully read the question and answer accordingly.

Which of the following type of authentication is supported by Authentication service provided by Microsoft AJAX Library?

Forms Authentication---

Passport Authentication

Digital Certificates

Windows Authentication

Carefully read the question and answer accordingly.

What are your observations on the following code?

<html>

```
<head>
 <script language="JavaScript">
 function showMsg(msg) {
 alert("Following message was sent: " + msg)
 }
 </SCRIPT>
</head>
<body>
 <form>
  <input type="button" value="Click to Vote"
  onClick="showMsg ('I want world peace')">
 </form>
</body>
</html>
```

1.A function is called from an assembly

2.A function is called from an event handler

3.A parameter is passed to the function

4.The function returns a string value

2&3--

3&4

1&4

1&2&4

Carefully read the question and answer accordingly.

What is a Document object with respect to HTML?

Each Javascript represents a document object

The object which represents the content area of the browser window where HTML documents appear is a document object

Each logical Form element in a HTML window represents a document object

Each HTML document that gets loaded into a window is a document object-------

Which of the following are comparison operators?

1.==

2.!

3.!=

4.>

5.<=

1&3&4&5--

1&2&4&5

1&2&3

3&4

1&4

What does the following code snippet do?

var form = window.document.forms[0]

for (var i = 0; i < form.elements.length; i++) {

if (form.elements[i].type == "text") {
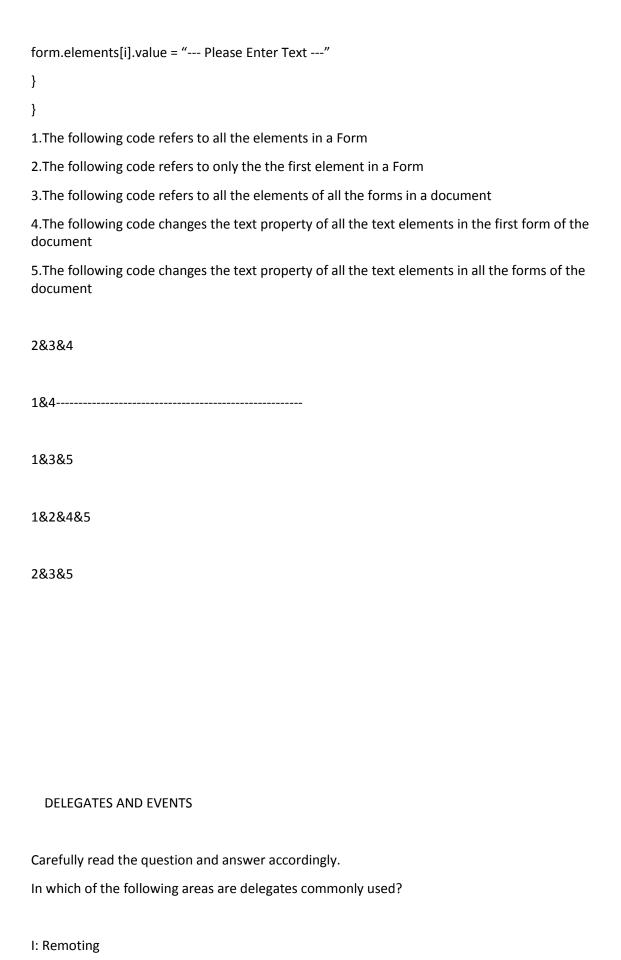
form.elements[i].value = "--- Please Enter Text ---"

}

}

1.The following code refers to all the elements in a Form

2.The following code refers to only the the first element in a Form

3.The following code refers to all the elements of all the forms in a document

4.The following code changes the text property of all the text elements in the first form of the document

5.The following code changes the text property of all the text elements in all the forms of the document

2&3&4

1&4---

1&3&5

2&3&5

1&2&4&5

How do you concatenate two strings?

Using the ++ operator

Using the + operator---

Using the && operator

Using the & operator

Carefully read the question and answer accordingly.

What is the correct syntax for a repeat loop? optional values, if any, are mentioned in [] brackets.

for ([initial expression]; [condition]; [update expression]) {

statement[s] inside loop

}---

for (initial expression; condition; update expression) {

statement[s] inside loop

}

for ([initial expression]; condition; [update expression]) {

statement[s] inside loop

}

for (initial expression; condition; [update expression]) {

statement[s] inside loop

}

Carefully read the question and answer accordingly.

What will be the output of the following code?

```
<html>
<head>
 <script language="Javascript">
  var personName = "John Brown"
  var carName = "BMW"
  function demo() {
   var personName = "Tracy Flynn"
   var carName="Audi"

   document.write(personName + " Owns a " + carName + ".")
  }
 </script>
</head>
```

```
<body>
 <script language="Javascript">
 demo() // runs as document loads
 document.write(personName + " Owns a " + carName + ".")
 </script>
</body>
</html>
```

Tracy Flynn Owns a Audi

John Brown Owns a BMW --

John Brown Owns a BMW

Tracy Flynn Owns a Audi

Tracy Flynn Owns a Audi

Tracy Flynn Owns a Audi

John Brown Owns a BMW

John Brown Owns a BMW

Carefully read the question and answer accordingly.

What are Form control elements?

1.They represent all the elements defined in a form object

2.They represent all the elements defined in a control object

3.Each element in the containing object is a separate object

4.All the elements in the containing object are grouped together as a separate object

2&4

1&2&4

3&4

1&3---

Carefully read the question and answer accordingly.

What are your observations on the following code?

<SCRIPT LANGUAGE="JavaScript">

<!--

//script statement(s) here

…

// -->

</SCRIPT>

1.The code will let old browsers to execute java script

2.Old browsers will ignore the java script

3.New browsers will execute the java script ignoring the comment tags

4.New browsers will ignore the java script

2&3---

1&3

3&4

1&2&4

Which of the following are comparison operators?

1.==

2.!

3.!=

4.>

5.<=

1&4

3&4

1&2&3

1&2&4&5

1&3&4&5---

What does the following example denote?

var myAge = 25

1.A constant is declared

2.A variable is declared

3.A constant is initialized

4.A variable is initialized

1&2&3

2&4---

3&4

1&3

Carefully read the question and answer accordingly.

What does the following code snippet do?

```
var form = window.document.forms[0]
for (var i = 0; i < form.elements.length; i++) {
if (form.elements[i].type == "text") {
```

form.elements[i].value = "--- Please Enter Text ---"

}

}

1.The following code refers to all the elements in a Form

2.The following code refers to only the the first element in a Form

3.The following code refers to all the elements of all the forms in a document

4.The following code changes the text property of all the text elements in the first form of the document

5.The following code changes the text property of all the text elements in all the forms of the document

2&3&4

1&4---

1&3&5

1&2&4&5

2&3&5

DELEGATES AND EVENTS

Carefully read the question and answer accordingly.

In which of the following areas are delegates commonly used?

I: Remoting

II: Serialization

III: File Input/Output

IV: Multithreading

V: Event handling

I & V

I, II & III

IV & V---

I & II

Carefully read the question and answer accordingly.

Suppose a Generic class called SortObjects is to be made capable of sorting objects of any type (Integer, Single, Byte etc.). Which of the following programming constructs should be used to implement the comparison function?

Delegate---

Interface

Encapsulation

Namespace

Carefully read the question and answer accordingly.

Which of the following statements are correct about delegates?

If signatures of two methods are same they can be called through the same delegate object.

Delegates cannot be used to call an instance function. Delegates cannot be used to call an instance subroutine.

Delegates cannot be used to call a static method of a class.

Delegates cannot be used to call procedures that receive variable number of arguments.----------------
----

Carefully read the question and answer accordingly.

Which of the following are the correct ways to declare a delegate for calling the function func() defined in the sample class given below? class Sample

```
{
    public int func(int i, Single j)
    {
        /* Add code here. */
    }
}
```

delegate void (int i, Single j);

delegate int d(int i, Single j);-------------------------------------

delegate d(int i, Single j);

delegate void d(int, Single);

Carefully read the question and answer accordingly.

Which of the following statements are correct about a delegate?

I: Inheritance is a prerequisite for using delegates.

II: Delegates are type-safe.

III: Delegates provide wrappers for function pointers.

IV: The declaration of a delegate must match the signature of the method that we intend to call using it.

I & II

II, III & IV--

All of the listed options

I, II & III

Carefully read the question and answer accordingly.

What is your observation on the following code?

```
private void Button1_Click(object sender, System.EventArgs e)
{
    Button b = (Button) sender;
    Label1.Text = b.ID;
}
```

Following code shows how to consume an event

Following code shows how to determine the signature of an event

Following code shows how to raise an event

Following code shows how to determine which control caused an event------------

Carefully read the question and answer accordingly.

Which of the following is the necessary condition for implementing delegates?

Class declaration--

Exceptions

Inheritance

Run-time Polymorphism

Carefully read the question and answer accordingly.

With which of the following can the ref keyword be used?

1.Static data

2.Instance data

3.Static function/subroutine

4.Instance function/subroutine

2&3&4

1&4

3&4---

1&2&3

Carefully read the question and answer accordingly.

Suppose on pushing a button an object is to be notified, but it is not known until runtime which object should be notified. Which of the following programming constructs should be used to implement this idea?

Delegate---

Attribute

Namespace

Interface

Carefully read the question and answer accordingly.

Which of the following statements is incorrect about a delegate?

Delegate is a value type.--------------------------------------

Delegates are type-safe wrappers for function pointers.

A single delegate can invoke more than one method.

Delegates can be shared.

Carefully read the question and answer accordingly.

Which of the following statements is incorrect about delegate?

Delegates are object oriented.

Only one method can be called using a delegate.-----------------------

Delegates are type-safe.

Delegates are reference types.

Carefully read the question and answer accordingly.

What is your observation on the following code?

private void Button1_Click(object sender, System.EventArgs e)

```
{
    Button b = (Button) sender;

    Label1.Text = b.ID;

}
```

Following code shows how to determine which control caused an event----------

Following code shows how to consume an event

Following code shows how to raise an event

Following code shows how to determine the signature of an event

Cursor1

Q1

Carefully read the question and answer accordingly.

When using an API server cursor in OLE DB, ODBC, and ADO, how are the functions or methods of the API used?

1.To open a connection

2.To set attributes or properties defining the characteristics of the cursor the API automatically maps over each result set

3.To execute one or more Transact-SQL statements

4.To use API functions or methods to fetch the rows in the result sets

5.To handle errors

1&5

2&3&5

1&2&4

1&2&3&4 ***************

1&2&4&5

Q2

Carefully read the question and answer accordingly.

How will you optimize the performance of the cursor if there are multiple rows & columns to be fetched?

1.Use all columns in the Declare statement

2.Use only the required columns in the Declare statement

3.Change your where clause in the declare statement to only return rows the cursor needs

4.Ensure you have optimal indexes in place

2&3&4 *********

1&2

1&3&4

3&4

Q3

Carefully read the question and answer accordingly.

Identify disadvantages of using cursors.

1.They consume more resources

2.Performance gets hampered due to network round-trips if multiple rows have to be fetched

3.Performance gets hampered if only the required rows & columns are fetched

4.Performance gets hampered if all the rows & columns are fetched

5.Resources remain unused on the server if cursors are not closed properly

1&2&4&5 ***********

2&4&5

1&2&3&5

2&3&4

3&5

Q4

Carefully read the question and answer accordingly.

What does the LOCAL argument in the DECLARE CURSOR statement denote?

1.Specifies that cursor can be available only in the batch, stored procedure, or trigger in which the cursor was created

2.Specifies that cursor can be available to all local resources

3.The LOCAL cursor will be implicitly deallocated when the batch, stored procedure, or trigger terminates

4.The LOCAL cursor will have to be explicitly deallocated when the batch, stored procedure, or trigger terminates

1&3 *********

2&3

1&2

1&3&4

Q5

Carefully read the question and answer accordingly.

How do FORWARD_ONLY cursors work?

1.Data is fetched in bulk

2.Data is fetched sequentially from the first to the last row

3.FETCH NEXT is the only fetch option supported

4.FETCH PREVIOUS is the only fetch option supported

1&4

2&3&4

2&3 **********

1&3&4

Q6

Carefully read the question and answer accordingly.

What all is included in creation of Control flow?

1.Adding containers that implement repeating workflows in a package or divide a control flow into subsets

2.Adding containers that implement conditional statements

3.Adding tasks that support data flow, prepare data, perform workflow and business intelligence functions, and implement script

4.Separating containers and tasks into an ordered control flow by using precedence constraints

5.Connecting containers and tasks into an ordered control flow by using precedence constraints

2&4

1&4

3&4&5

1&3&5 ***********

1&2&3

Q7

Carefully read the question and answer accordingly.

Integration Services includes three types of containers that you can use in a control flow, which are they?

1.The DoWhile Loop container

2.The Foreach Loop container

3.The For Loop container

4.The Sequence container

5.The Switch container

1&2&5

4&5

3&4

2&3&4 ***************

1&2&3&4

Q8

Carefully read the question and answer accordingly.

What is the significance of precedence constraints?

1.Precedence constraints link executables, containers, and tasks in packages into a control flow

2.A precedence constraint links two executables: the precedence executable and the constrained executable

3.The precedence executable runs before the constrained executable

4.The precedence executable runs after the constrained executable

1&2&3&4

1&3&4

1&2&3 *******

2&4

Q9

Carefully read the question and answer accordingly.

Which statements are true about the expression used in precedence constraints?

1.The expression must evaluate to an integer

2.The expression must evaluate to true or false

3.The expression can use literals, system & custom variables

4.The expression can use stored procedures

5.The expression can use functions & operators that SSIS grammar provides

1&4&5

1&2&5

2&4

2&3&5 *************

1&3&4

Q10

Carefully read the question and answer accordingly.

What is the significance of Sequence Containers? Please choose all the relevant options

1.They define a repeating control flow in a package

2.They define conditions in a package

3.They define a control flow that is a subset of the package control flow

4.They group the package into multiple separate control flows, each containing one or more tasks and containers that run within the overall package control flow

3&4 *************

1&3

1&2&3

2&4

Control asp.net-1

Carefully read the question and answer accordingly.

In a fully rendered control which class is used to write the HTML content to the browser?

HtmlTextWriter---

TextWriter

TextHtmlWriter

HtmlWriter

Carefully read the question and answer accordingly.

Which statements are true about themes?

1.Themes enable you to apply consistent style to pages in your website

2.Themes can be used to control navigation order between pages

3.Themes can be used to control the appearance of HTML elements

4.Themes can be used to control the appearance of ASP.NET controls

2&4

1&3&4---

1&2&3

3&4

Carefully read the question and answer accordingly.

How are themes different from master pages?

Themes & Master pages are both same

Themes allow you to control the appearance of contents--------------

Themes allow you to share data across multiple pages in a web site

Themes allow you to share content across multiple pages in a web site

Carefully read the question and answer accordingly.

Please choose statements that are true about creating themes.

1.Themes are created by adding a folder in App_Themes folder

2.Themes are created by adding a folder in App_Directory folder

3.Each folder that you add to the App_Directory folder represents a different Theme

4.Each folder that you add to the App_Themes folder represents a different Theme

3&4

1&2&4

1&4---

2&3

Carefully read the question and answer accordingly.

Which statements are true about Skins to Themes?

1.A theme can contain only one skin

2.A theme can contain one or more Skin files

3.A skin enables you to modify any of the events of an ASP.NET control that get triggered on certain conditions

4.A skin enables you to modify any of the properties of an ASP.NET control that have an effect on its appearance

1&3

2&4---

2&3&4

1&2&4

Carefully read the question and answer accordingly.

What does the following code snippet denote?

<asp:TextBox

SkinID="DashedTextBox"

BorderStyle="Dashed"

BorderWidth="5px"

Runat="Server" />

Usage of a Named skin---

Usage of a Master page

Usage of a Default skin

Usage of a stylesheet

Carefully read the question and answer accordingly.

How can you override Skin properties?

By applying a Theme to a page with the StyleSheetTheme attribute--------------

By applying a Theme to a page with the Theme attribute

By applying a Theme to a page with the MasterPage attribute

By applying a Theme to a page with the Skin attribute

Carefully read the question and answer accordingly.

How can you prevent a skin from being applied to a particular control?

By setting DisableTheming property to false

By setting EnableTheming property to false-------------------------------

By setting EnableTheming property to true

By setting DisableTheming property to true

Carefully read the question and answer accordingly.

How can you expose properties & methods from a Master Page so that they are modifiable from a particular content page?

By declaring them as public-------------------------------------

You cannot expose properties & methods from a Master Page so that they are modifiable from a particular content page

By declaring them as private

By declaring them as protected

Carefully read the question and answer accordingly.

What does the following listing denote?

<configuration>
  <system.web>
  <pages theme="Website" />
  </system.web>
</configuration>

Registring a theme in web.config--

Registring a MasterPage in web.config

Registring a StyleSheetTheme in web.config

Registring a Skin in web.config

Which namespaces may cause the failure of a database collation change if duplicate names result from the changed collation?

1.Referential integrity constraints

2.Schema names

3.Scalar-type names such as system and user-defined types

4.Index names across multiple tables

5.Full-text catalog names

2&3&5---

1&2&3

3&4

4&5

2&3&4

What is the significance of Recovery model setting?

1.It determines how much data can be recovered in the event of a media failure

2.It determines the location where the data should be recovered in the event of a media failure

3.The default recovery is Full, which provides the greatest level of recovery

4.The default recovery is Partial, which provides the greatest level of recovery

1&2&3

2&4

1&3---

1&3&4

How does partition function work?

1.A partition function specifies how the table or index is partitioned

2.The function maps the database into a set of partitions

3.The function maps the domain into a set of partitions

4.To create a partition function, you must specify the number of partitions, the partitioning rows & the number of constraints for each partition

5.To create a partition function, you must specify the number of partitions, the partitioning column & the range of partition column values for each partition

2&5

1&2&3

1&2&3

4&5

1&3&5--

Which are the conditions that should be in place before you apply a different collation to a database?

1.You are the only one currently using the database

2.The database is DETACHED so that it cannot be used by anyone

3.No schema-bound object depends on the collation of the database

4.Object-level integrity does not depend on the collation of the database

5.Changing the database collation does not create duplicates among any system names for the database objects

1&3

1&3&5

1&5

3&4&5

2&4

What are the restrictions related to the database file creation?

1.Database file name should not be more than 8 characters

2.Database file name should be unique

3.The file must reside on one of the following devices: the local server on which SQL Server is installed, a Storage Area Network [SAN], or an iSCSI-based network

4.The path specified must exist on the drive prior to creating the database

1&3

2&4

2&3&4---

1&3&4

Which namespaces may cause the failure of a database collation change if duplicate names result from the changed collation?

1.Referential integrity constraints

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3.Scalar-type names such as system and user-defined types

4.Index names across multiple tables

5.Full-text catalog names

2&3&4

2&3&5---

3&4

4&5

1&2&3

Which statements are true about Collation?

1.Collation specifies how strings are sorted and compared

2.Collation specifies how integers are stored

3.The selection of collation is language dependent and addresses differences in the way characters are ordered

4.The default collation for a database is based on the server default, which is set during the installation of SQL Server

1&3

1&3&4

1&4--

2&3&4

When using an API server cursor in OLE DB, ODBC, and ADO, how are the functions or methods of the API used?

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4.To use API functions or methods to fetch the rows in the result sets

5.To handle errors

1&2&4

1&2&4&5

1&5

2&3&5

1&2&3&4

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3&4

1&2

2&3&4--

1&3&4

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1&2

1&3&4

1&3--

2&3

How do FORWARD_ONLY cursors work?

1.Data is fetched in bulk

2.Data is fetched sequentially from the first to the last row

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4.FETCH PREVIOUS is the only fetch option supported

1&4

2&3--

1&3&4

2&3&4

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3&4&5

1&3&5--

1&2&3

1&4

2&4

Integration Services includes three types of containers that you can use in a control flow, which are they?

1.The DoWhile Loop container

2.The Foreach Loop container

3.The For Loop container

4.The Sequence container

5.The Switch container

2&3&4--

1&2&3&4

1&2&5

3&4

4&5

What is the significance of precedence constraints?

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1&3&4

1&2&3&4

1&2&3--

2&4

Which statements are true about the expression used in precedence constraints?

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1&3&4

2&4

1&2&5

1&4&5

2&3&5--

What is the significance of Sequence Containers? Please choose all the relevant options

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1&2&3

3&4--

2&4

1&3

What is your observation on the following code?

```
using (SqlConnection connection = new SqlConnection(connectString))
{
    connection.Open();

    // Start a local transaction.
    SqlTransaction sqlTran = connection.BeginTransaction();

    // Enlist the command in the current transaction.
    SqlCommand command = connection.CreateCommand();
    command.Transaction = sqlTran;

    try
    {
        command.CommandText =
          "INSERT INTO Production.ScrapReason(Name) VALUES('Wrong size')";
        command.ExecuteNonQuery();
        command.CommandText =
          "INSERT INTO Production.ScrapReason(Name) VALUES('Wrong color')";
        command.ExecuteNonQuery();
        sqlTran.Commit();
        Console.WriteLine("Both records were written to database.");
    }
    catch (Exception ex)
    {
```

```
        Console.WriteLine(ex.Message);

        Console.WriteLine("Neither record was written to database.");

        sqlTran.Rollback();

    }

}
```

The following code example demonstrates transactional logic using DO.NET-------

The following code example demonstrates usage of transactional logic in a DataAdapter

The following code example demonstrates transactional logic in a DataSet

The following code example demonstrates usage of stored procedure

How do you create a persistent cookie?

By using the CookieProtection attribute of the Role Manager

By using the CreatePersistentCookie attribute of the Role Manager--------------

By using the PersistentCookie attribute of the Role Manager

By using the CreateCookie attribute of the Role Manager

How can you explicitly abort a previous asynchronous postback?

By using PageRequestManager abortPreviousAsyncPostBack() method

By using PageRequestManager abortAsyncPostBack() method

By using PageRequestManager abortPreviousPostBack() method

By using PageRequestManager abortPostBack() method--------------------------

Which all are the options of ON DELETE clause of a FOREIGN KEY constraint?

1.CLOSE

2.NO ACTION

3.CASCADE

4.SET NULL

5.SET DEFAULT

2&3&4

1&2&3&4

2&3&4&5---

1&2&4

1&3&5