[79]

SARDAR PATEL UNIVERSITY
B.Sc. Examination, SEMESTER – V : December - 2020
INFORMATION TECHNOLOGY
US05CINT22: Visual Programming
Saturday, 26th December, 2020

Time : 02:00pm to 04:00pm   Total Marks : 70

Q.1   Multiple choice of Question: [10]

1. MSIL Means _____.
   a) Microsoft Intermediate Language
   b) M Small Internet Language
   c) Microsoft Individual Language
   d) Note of Above
2. This system provides the type architecture of the framework and guarantees type safety.
   a) CTS   b) CST   c) TYPE   d) Type Safe
3. What is MSIL.
   a) Compiler   b) Interpreter   c) Technology   d) Assembly
4. _____ specifies the interior spacing of the control
   a) Padding   b) Shifting   c) Width   d) Height
5. _____ is the location where we can put our common code for the application.
   a) Form   b) Button   c) Module   d) Model
6. _____ is used when all condition becomes false in select...Case statement
   a) End Select   b) Case Else   c) Else Case   d) Select End
7. _____ property determines whether a control is displayed to the user.
   a) Hide   b) Show   c) Visible   d) Enabled
8. The Tick event is found only in _____ object.
   a) Form   b) Button   c) TextBox   d) Timer
9. _____ object provide connection to the database.
   a) Command   b) Connection
   c) DataReader   d) DataAdapter
10. To use DataSet _____ namespace needs to be included.
    a) System.Data.SqlClient   b) System.Sql
    c) System.Oledb   d) System.Data

Q.2   Fill in the blank or True / False.   [08]

1. Dynamic Arrays can Redimensioned using _____ Keyword.
2. Imports Statement use to Import _____.
3. _____ is default event for form.
4. By default size property in vb.net control is _____.
5. The Activated event is found only in Form object. [True / False]
6. One RadioButtons in a Group Box can be selected at the same time. [True / False]
7. SQL UPDATE statements are sent to a database using SqlCommand object and its ExecuteNonQuery method. [True / False]
8. System.Data namespace defines the interfaces implemented by a .NET Data Provider. [True / False]

Q.3   Answer the following questions in SHORT (Any 10):   [20]

1. What is JIT?

2. List the types of project

3. What is constant?

4. How functions are declared in VB .NET?

5. Write a difference between MDI and SDI.

6. What is the use of 'By Val' & 'By Ref' keyword?

7. Differentiate: listbox and combobox.

8. How to add and delete a node in a treeview?

9. Explain any four properties of DateTimePicker.

10. Explain DataGrid control.

11. What is difference between DataSet and DataReader?

12. What is connection string? Explain in brief.

Q.4   Answer the following questions in LONG (Any 4):   [32]

2. Write a note on CLS and CTS.

2. Write short note on Tool Box and Solution Explorer.

3. Explain subroutine in details with examples.

4. Explain Message Box and Input Box with example.

5. Explain try.... Catch ... final in detail with example.

6. Explain ColorDialogBox, Label with its properties, methods and events.

7. Describe the connected architecture and disconnected architecture of ADO.NET's data access model.

8. Explain Connection, Command, DataReader, DataAdapter .NET Data Provider Main Classes

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