[24/A-42]

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SARDAR PATEL UNIVERSITY
T.Y.B.C.A - 5th Semester Examination
US05CBCA01: Visual Programming through VB.NET
DATE: 22/09/2022
TIME: 3:30pm to 5:30pm.

Maximum Marks: 70

Q:1 Multiple choice questions: **[10]**

1. _____ Statement is used to declare variable in vb.net.
   a) Dim b) Var
   c) int d) All of above

2. Which Window Provides the List of various object's characteristics in VB?
   a)Solution Explorer b) Class View Window
   c)Properties Window d) Server Explorer

3. Imports Statement use to Import_____.
   a)A Class b)A Method
   c)A Namespace d)A Function

4. For insert, update, and delete SQL commands, _____ method is used.
   a)ExecuteDataReader b) ExecuteNonQuery
   c) ExecuteScalar d) ExecuteReader

5. By default the arguments are passes to procedure as _____.
   a)ByRef b) ByVal
   c)ByDefault d) None of these

6. The Activated event is found only in_____object.
   a)Form b)Button
   c)TextBox d)Label

7. In VB .NET, inputbox returns _____ type of data.
   a)Double b) String
   c)Integer d) none of these

8. Which is not a standard dialog box?
   a) ColorDialog b) FontDialog
   c) OpenDialog d) ZoomDialog

9. To check whether connection is open or not, _____ property is used.
   a)ConnectionStatus b) ConnectionState
   c)State d) Status

10. _____ is used when all condition becomes false in select…Case statement.
    a)End Select b)Else Case
    c)Case Else d)Select End

[P.T.O]

Q:2 **Fill in the Blanks and True/False.** **[08]**

1. Full Form of CLR_____.
2. _____is default event for form.
3. _____ Property determines whether a control is displayed to the user or not.
4. The _____ is one type of compiler.
5. Sorting supports descending order. [True/False]
6. Entry point checking loop is checks the condition after once the statements are executed. [True/False]
7. The Tick event is found only in Timer Control. [True/False]
8. Connection object provide connection to the database. [True/False]

Q:3 Answer the following questions. (Any ten) **[20]**

1 Explain DataGrid control.
2 What is MDI form? Which property is used to make form as a MDI parent form?
3 Differentiate between listbox and combobox.
4 Explain If…End If.
5 List the types of project.
6 What is connection string? Explain in brief.
7 What are the features of ADO.Net?
8 What is MSIL?
9 How functions are declared in VB .NET?
10 What is the use of Groupbox?
11 Explain any four properties of DateTimePicker.
12 List the parts of IDE.

Q:4 Answer the following questions. (Any Four) **[32]**

1 Explain Listbox, Combobox, Checkedlistbox and Textbox.
2 Explain different types of error handling .Explain any one in detail.
3 Describe the disconnected architecture of ADO.NET's data access model.
4 Explain the ways of passing arguments with example. What is the use of 'By Val' & 'By Ref' keyword?
5 Explain Input box and message box with example.
6 Write a note on any five string functions.
7 Explain use of "ExecuteScaler", "ExecuteNonQuery" and "ExecuteReader" method in detail.
8 Explain .NET Architecture.

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