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SARDAR PATEL UNIVERSITY

B.Sc. (CA & IT) Semester-III

Examination November 2022

PS03CIIT23: Visual Programming

Date: 11/11/2022, Friday

Total Marks: 70

Time: 02:00 P.M. To 05:00 P.M.

Notes:

1. Figure to the right indicate full marks of the questions.

Q:1 Multiple Choice Questions

[10]

- [1] The Visual basic Projects you can create _____
(A) Circuit (B) Windows Application
(C) Web Application (D) None of these
- [2] VB.NET is called as _____ type of programming language.
(A) OOP (B) Procedural
(C) Assembly (D) None of these
- [3] In VB .NET msgbox returns _____ type of data.
(A) String (B) Double
(C) Integer (D) None of these
- [4] In VB .NET to transfer control immediately to the next iteration of a loop _____ statement is used.
(A) Goto (B) Break
(C) Continue (D) None of these
- [5] The tick event is found only in _____ object.
(A) Timer (B) Form
(C) TextBox (D) None of these
- [6] How many RadioButtons in a Group Box can be selected at the same time?
(A) 0 (B) 1
(C) 2 (D) None of these
- [7] Which of the following is not a standard dialog box?
(A) ColorDialog (B) FontDialog
(C) ZoomDialog (D) OpenFileDialog
- [8] DataSet changes are saved to the database using _____ method.
(A) Open (B) Fill
(C) Update (D) None of these.
- [9] To check whether connection is open or not _____ property is used.
(A) ConnectionStatus (B) State
(C) ConnectionState (D) None of these
- [10] _____ is disconnected, in-memory representation of data.
(A) DataReader (B) DataSet
(C) DataAdapter (D) None of these

P.T.O

- Q-2 Answer the Following. (Attempt Any Ten) [20]**
- [1] What is Unboxing?
 - [2] List out various parts of IDE.
 - [3] What is a variable?
 - [4] Write a Differentiate between MessageBox and InputBox.
 - [5] Write syntax of IF...End If.
 - [6] Explain Show method of Windows Form.
 - [7] Write a syntax of Try.....catch statement.
 - [8] What do you mean by debugging?
 - [9] What is the use of GroupBox?
 - [10] What are the features of ADO.NET?
 - [11] What are the applications of ADO .NET?
 - [12] What is Dataset object?
- Q:3 [A] What is Data type? List and explain data types of VB.NET. [10]**
- OR**
- [A] What is .NET? Explain .NET architecture with neat Diagram. [10]**
- Q:4 [A] What is procedure? How the procedures are declared? Explain the ways of passing arguments with example. [05]**
- [B] Explain subroutine in details with examples. [05]**
- OR**
- [A] What is MDI? Write down the features of MDI and write down the difference between MDI & SDI. [05]**
- [B] Explain Modules in detail [05]**
- Q-5 [A] Write a note on HScrollBar and VScrollBar. [05]**
- [B] Explain following controls with its properties, methods and events. [05]**
(I) PictureBox (II) TextBox
- OR**
- [A] Write down the steps to add menu on the form and explain at least five properties of it. [05]**
- [B] Explain following controls with its properties, methods and events. [05]**
(I) Timer (II) RichTextBox
- Q-6 [A] Explain the steps to bind the application with the Database in ADO.NET [05]**
- [B] Explain use of ExecuteScaler() and ExecuteReader() methods in detail. [05]**
- OR**
- [A] What are the four common SQL commands used to retrieve and modify data in a SQL Database? Explain any of them. [05]**
- [B] Describe the connected architecture of ADO.NET data access model. [05]**
