AI2-115

April-2016

B.C.A., Sem.-IV

CC-209 : Visual and Windows Programming

Time : 3 Hours]   **[Max. Marks : 70**

1.   (A)   Attempt the following :
     (1)   What is IDE ? Explain any three components of IDE in detail.   **(05)**
     (2)   Explain CLR.   **(03)**
                 OR
     Design and explain Architecture of .Net framework.   **(08)**
  (B)   Attempt the following :   **(06)**
     (1)   Explain Textbox control with its properties and methods.
     (2)   Write short note on Button control.
                 OR
     Attempt the following :   **(06)**
     (1)   List different types of applications and explain any two.
     (2)   Define Namespace with example.

2.   (A)   Explain data types available in VB.Net. Also describe Option Strict.   **(08)**
                 OR
     Explain Radio button with properties and example.   **(08)**
  (B)   Explain Data type conversions with example.   **(06)**
                 OR
     Explain Select... Case with proper example.   **(06)**

3.   (A)   Explain Listbox control with properties and methods.   **(08)**
                 OR
     Explain Looping structures with example.   **(08)**
  (B)   Explain any five string methods with example.   **(06)**
                 OR
     Explain ForEach...Next loop with proper example.   **(06)**

4.   (A)   List all Common Dialog Box controls and explain any two.   **(08)**
                 OR
     Explain Array with methods. How to redefine an array and maintain its old value ?   **(08)**
  (B)   Explain Status Bar control.   **(06)**
                 OR
     Explain functions and procedure. Also differentiate between ByVal and ByRef.   **(06)**

5. Answer the following : **(14)**
1. Visual Studio .NET provides which feature ?
   - (a) debugging.
   - (b) application deployment
   - (c) syntax checking.
   - (d) All of the above.
2. Which does the solution explorer not display ?
   - (a) Form Properties
   - (b) Reference Folder
   - (c) Form File
   - (d) Assemble File
3. Which property determines whether a control is displayed to the user ?
   - (a) Hide
   - (b) Show
   - (c) Visible
   - (d) Enabled
4. The CancelButton property belongs to which object ?
   - (a) Button
   - (b) Form
   - (c) Label
   - (d) Text Box
5. Which is not an integer data type ?
   - (a) Single
   - (b) Byte
   - (c) Short
   - (d) Integer
6. Which is a valid statement for declaring a variable ?
   - (a) Const Form As Integer
   - (b) Const myForm As Integer
   - (c) Dim Form As Integer
   - (d) Dim myForm As Integer
7. Which function will return the monthly payments of a loan ?
   - (a) Pay (Rate, PV, Nper)
   - (b) Pmt (Rate, Nper, PV)
   - (c) FV (Rate, Nper, Pmt)
   - (d) FV (Rate, Nper, PV)
8. Which function displays a pop-up window ?
   - (a) MsgBox
   - (b) InputBox
   - (c) TextBox
   - (d) All of the above.
9. Which value for the ComboBox DropDownStyle property allows a user to type in data ?
   - (a) DropDown
   - (b) DropDown Simple
   - (c) DropDown List
   - (d) Both (a) and (b)
10. The For.. .Next Loop is used when :
    - (a) a choice is made based on a Boolean condition
    - (b) a block of statements is executed an unknown number of times
    - (c) a block of statements is executed a known number of times
    - (d) Both (a) and (b)
11. What is the method used to activate the color dialog box ?
    - (a) ActivateDialog
    - (b) DisplayDialog
    - (c) ShowDialog
    - (d) StartDialog
12. Which OpenFileDialog control property specifies the choices in the "Files of type" dropdown box ?
    - (a) FileName
    - (b) FileNames
    - (c) FileType
    - (d) Filter
13. Which symbol creates an access key in the text of a menu item ?
    - (a) @
    - (b) #
    - (c) $
    - (d) &
14. Full form of GAC is _____

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