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 _____