

Seat No. : 227

**AJ-108**

April -2018

BCA, Sem.-IV

**CC-209 : Visual & Windows Programming**

**Time : 3 Hours]**

**[Max. Marks : 70**

- Instructions :** (1) Attempt **all** questions.  
(2) Figure to the right indicate full marks.  
(3) Start each question from a new page.

1. (A) Write a short note on Managed Execution. Also explain how it differs from Unmanaged Execution. 7

**OR**

List and explain different types of Applications of .NET in detail.

- (B) (1) Explain following properties of TextBox : 4  
(i) AutoSize  
(ii) TextAlign  
(2) List and explain common properties. 3

**OR**

- (1) Explain following properties of NumericUpDown control:  
(i) Value  
(ii) InterceptArrowKeys  
(2) What is NameSpace ? List atleast three namespaces you know.

2. (A) List and explain all the data types available in the VB.NET language with an example of each. 7

**OR**

Write a short note on the scope of the variable in VB.NET language.

- (B) (1) Explain following properties : 4  
(i) Lock (TextBox)  
(ii) AcceptButton (Form).  
(2) Explain pmt() function in detail. 3

**OR**

- (1) Explain the following properties of the RadioButton :  
(i) AutoCheck  
(ii) Checked  
(2) Explain chars property of the string class with example.

3. (A) What is ListBox ? How it is differ from the ComboBox ? Discuss how can we check particular item is exists or not in the ListBox. 7

OR

Discuss the syntax of different types of conditional statements in VB.NET.

- (B) (1) Differentiate : Do ... While and Do ... Until 4  
(2) List and explain all logical operators of VB.NET 3

OR

- (1) Differentiate: Do ... Loop and For... Next  
(2) Explain Model and Modeless form.

4. (A) Write a short note on procedures. How functions and sub-routines are differentiated ? Explain it with examples. 7

OR

Explain dynamic array of VB.NET. Also explain 'Redim' and 'Preserve' keywords with an example of each.

- (B) (1) Write a short note on Font Dialog control. 4  
(2) What is named argument ? Explain it with an example. 3

OR

- (1) Write a short note on Open File Dialog control.  
(2) What is default argument ? Show the use of it.

5. Select the appropriate option from the choices given in the questions : 14

- (1) Logically related classes are grouped as \_\_\_\_\_  
(A) Assemblies (B) Parent Class  
(C) Namespaces (D) None of the above
- (2) In the VB.NET language new line is represented with \_\_\_\_\_  
(A) VBCrLf (B) New\_Line  
(C) VBBack (D) \n
- (3) Meta data is a separate section of \_\_\_\_\_  
(A) CTS (B) MSIL  
(C) .resx file (D) .VB file
- (4) Size of Integer variable is \_\_\_\_\_  
(A) 2 Bytes (B) 4 Bytes  
(C) 1 Byte (D) 8 Bytes
- (5) In VB.NET, For loop ends with \_\_\_\_\_  
(A) Loop (B) Wend  
(C) Next (D) End While

- (6) To know the dimension of an array \_\_\_\_\_ property is used ?  
(A) Rank (B) GetLength  
(C) Length (D) None of the above
- (7) To increase the size of an array \_\_\_\_\_ statement is used, with no loss of data stored in the Array.  
(A) Dim (B) ReDim  
(C) Preserve (D) None of the above
- (8) \_\_\_\_\_ method of a ComboBox control will remove the element by the specified position number.  
(A) Delete (B) RemoveAt  
(C) Remove (D) DeleteAt
- (9) If we have declared "Dim x(15,5) as Integer", then msgbox (x.Length) statement will print \_\_\_\_\_.  
(A) 96 (B) 75  
(C) 90 (D) 80
- (10) To allow user to select more than one value from the given ListBox control, \_\_\_\_\_ property is used.  
(A) MultiValue (B) NoOfElements  
(C) SelectionMode (D) Length
- (11) To open the form in maximized mode \_\_\_\_\_ property of the form is used.  
(A) CenterScreen (B) WindowState  
(C) StartPosition (D) Opacity
- (12) Implicit conversion from one type of data to another type of data is allowed if option \_\_\_\_\_ is \_\_\_\_\_.  
(A) Explicit-On (B) Explicit-Off  
(C) Strict-Off (D) Strict-On
- (13) IsLower() is a method of \_\_\_\_\_ class.  
(A) String (B) Integer  
(C) Short (D) None of the above
- (14) To know the position of particular character in the string, \_\_\_\_\_ method is used.  
(A) IndexOf (B) Length  
(C) getChar (D) Chars