

**AJ-121**

April-2015

B.C.A., Sem.-IV

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

**Time : 3 Hours]**

**[Max. Marks : 70**

**Instructions :** (1) All questions are compulsory.

(2) Figures to the right indicate full marks.

(3) Begin new question on a new page

1. (A) List and explain different types of applications supported by .NET

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OR

Write a short note on Managed Execution

(B) Explain the following properties of the form :

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(a) WindowState

(b) ControlBox

(c) FormBorderStyle

OR

Explain the following properties of Textbox control :

(a) Locked

(b) TabStop

(c) PasswordChar

2. (A) Write a short note on a scope of the .NET variables.

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OR

List and explain classes available in the VB.NET language

(B) Write a short note on 'Option Strict'.

**OR**

Show the use of PMT ( ) function with an example.

3. (A) Differentiate the following terms :

- (1) ComboBox and ListBox
- (2) Modal form and Modeless form

**OR**

List and explain different types of loops available in VB.NET

(B) List all logical operators and explain at least 2 of them with an example of each.

**OR**

Explain the following properties :

- (1) ThreeState (CheckBox)
- (2) SelectiveMode (ListBox)
- (3) DropDownListStyle (ComboBox)

4. (A) Differentiate following terms :

- (1) MainMenu and ContextMenu
- (2) Function and Subroutine

**OR**

Why the Array in the VB.NET is called dynamic array ? Explain 'Redim' and 'Preserve' keywords.

(B) Differentiate 'Call-By-Value' and 'Call-By-Reference' in VB.NET language.

**OR**

Write a short note on 'OpenFileDialog' control.



