



G-074001

Seat No. _____

B. C. A. (Sem. IV) Examination

March / April – 2019

BCAOC - 401 : Visual and Windows Programming

Time : 3 Hours]

[Total Marks : 70

Instructions

- (1) Figures on the right indicate the marks.
- (2) All Questions are compulsory.
- (3) Answer of each question must start on a new page.
- (4) Answer of all sub-questions of a question should be written in continuous order.

1 Do as Directed(Any 14): **14**

- (1) Define the term: CLR.
- (2) Define the term: CTS.
- (3) Define the term: CLS.
- (4) What is the meaning of dim?
- (5) How to declare global variable in VB.NET?
- (6) What is the use of Option strict statement in VB.NET?
- (7) What is the use of Group Box?
- (8) What is the use of Numeric Up Down Control?
- (9) Explain the effect of the following code: `ListBox1.SelectedIndex=3.`
- (10) Explain the `AddRange` function of Combo Box.
- (11) What does mean by Web Services?
- (12) How you write assignment statement in VB.NET?
- (13) What is the use of Preserve with respect to arrays?
- (14) Write a syntax of function.
- (15) What is the use of Const Statement? Explain with suitable example.
- (16) What does mean by comment statement? How we use it.

2 Explain Any Two. **14**

- (a) List and explain Text Box properties with suitable example.
- (b) What is Form? List properties of it and explain any 5 of it with suitable example.
- (c) List and explain properties of Label Control.
- (d) Write a VB .NET console program to take one number from keyboard. And shows whether the number is even or odd.

3 Explain Any Two. **14**

- (a) What is the use of Button? List and explain properties of button with suitable example.
- (b) What is operator? List and explain operator with suitable example. Also mentioned the difference between “/” and “\” operator.
- (c) Explain Radio Button with its properties and suitable example.

- 4 Explain Any Two. 14**
- (a) What is the use of Combo Box? List properties and methods of Combo Box. Explain any 5 properties and methods with suitable example.
 - (b) Explain select case with suitable example.
 - (c) What is the use of Check Box? List and explain properties of it with suitable example.
- 5 Answer Any Two. 14**
- (a) What is array in VB.NET? Explain various types of it with example programs.
 - (b) What is Dialog? Explain following Dialogs with its usage:
 - i) FontDialog
 - ii) SaveFileDialog
 - iii) OpenFileDialog
 - (c) What does mean by menus and menu bar? Explain properties of it with suitable example.
 - (d) What is the use of StatusBar? List and explain properties of StatusBar.
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