

Seat No. : \_\_\_\_\_

**NK-116**

**November-2017**

**B.C.A., Sem.-V**

**CC-302 : Advanced Visual and Windows Programming**

**Time : 3 Hours]**

**[Max. Marks : 70**

1. (A) List common Exception classes. Also explain Try....Catch....Finally Block with example. **07**

**OR**

- (A) Define class and object. Also explain class view and object browser. **07**

- (B) List and explain all property procedures with example. Also write method to define property in a class. **07**

**OR**

- (B) Explain Inheritance and Encapsulation. Also explain method Overloading with example. **07**

2. (A) Explain ImageList control with its properties. List name of controls that use ImageList control. **07**

**OR**

- (A) Explain Timer Control with its properties, methods and events with example. **07**

- (B) Define RichTextBox control and explain following properties : **07**

- (1) SelectionIndent
- (2) LoadFile
- (3) SaveFile
- (4) SelectionFont
- (5) BulletIndent
- (6) ZoomFactor

**OR**

- (B) Explain Treeview control. Write difference between Expand() and ExpandAll() method of Treeview control. **07**
3. (A) Explain following methods of stringbuilder class: Capacity, Insert, RemoveAt, Clear, Count, TrimToSize, Append. **07**
- OR**
- (A) Explain different format functions to format Date and Numbers. **07**
- (B) What is a collection class ? Explain ArrayList class and following properties : Add, AddRange, Sort, Reverse. **07**
- OR**
- (B) What is file handling ? How many stream classes are available ? Explain any one. **07**
4. (A) Explain use of DataAdapter Object with its methods. Write how it's different from connection object. **07**
- OR**
- (A) Explain ADO.NET Architecture. **07**
- (B) Explain command object and also explain ExecuteNonQuery, ExecuteScalar and ExecuteReader methods of command object. **07**
- OR**
- (B) Explain DataTable, DataRow and DataColumn of DataSet. **07**
5. Do as directed : **14**
- (1) Which property of Arraylist gets number of dimensions of array ?
- (a) Rank (b) Length
- (c) TotalLength (d) MaxCount
- (2) \_\_\_\_\_Property is an integer value corresponding to the position of the scroll box in the scroll bar.
- (a) Value (b) Change
- (c) Visible (d) None of the above

- (3) RTF stands for
- (a) Rich Text Format
  - (b) Rich Title Format
  - (c) Row Text Format
  - (d) Rich Text Function
- (4) How do you create a Read only property in vb.net ?
- (a) Using only Get..EndGet with property function
  - (b) Using only Set..EndSet with property function
  - (c) Using both Get and Set
  - (d) None
- (5) \_\_\_\_\_ loop is used for collection.
- (a) ForCollection loop
  - (b) ForEach loop
  - (c) For loop
  - (d) Do ...While loop
- (6) \_\_\_\_\_ property indicates where the ticks appear on the trackbar.
- (a) Tickfrequency
  - (b) Tickstyle
  - (c) Ticks
  - (d) TickMarks
- (7) We can resize array by using \_\_\_\_\_ keyword.
- (a) Resize
  - (b) Redim
  - (c) Dim
  - (d) All
- (8) \_\_\_\_\_ namespace contains the basic input output functions.
- (a) System.Text
  - (b) System.InputOutput
  - (c) System.IO
  - (d) Stdio.h
- (9) \_\_\_\_\_ method of Directory class retrieves names of drives available on your disk.
- (a) GetDrives
  - (b) GetLogicalDrives
  - (c) GetAllDrives
  - (d) None
- (10) DataReader requires \_\_\_\_\_ connection.
- (a) Open
  - (b) Close
  - (c) Either (a) or (b)
  - (d) None
- (11) StreamReader uses \_\_\_\_\_ base class.
- (a) Text
  - (b) TextReader
  - (c) ReaderText
  - (d) Any

- (12) Which function of string is used to extract some portion from the string ?
- (a) Mid (b) Substring  
(c) Instr (d) Startswith
- (13) \_\_\_\_\_ property checks whether an item of same name is already added in List or Not.
- (a) Contains (b) Find  
(c) FindItem (d) ContainItem
- (14) The event occurs when certain key of keyboard is pressed
- (a) keyType (b) keyPress  
(c) KeyEnter (d) None of these
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