

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
-