

NE-114

November-2018

BCA, Sem.-V

CC-302 : Advanced Visual and Windows Programming

Time : 2.30 Hours]

[Max. Marks : 70

1. (A) Write the following :
- (i) Write a short note on three types of property procedures. 7
- (ii) Explain Use of Try, Catch, Finally and Throw statements with example code. 7
- OR**
- (i) Explain the concept of shared member with example.
- (ii) Write a short note on Object Browser and Constructor.
- (B) Fill in the blanks : (any four) 4
- (i) _____ property procedure only returns value for the corresponding variable.
- (ii) _____ members are accessed by class name rather than using object.
- (iii) _____ pane of object browser shows details of selected member.
- (iv) Using _____ keyword class cannot be inherited by any other class.
- (v) _____ statement can be used to throw a specific exception from one of the exception classes.
- (vi) _____ is the name of constructor in vb.net.
2. (A) Write the following :
- (i) Explain any seven properties of Treeview in detail. 7
- (ii) List and explain properties of Trackbar. 7
- OR**
- (i) Explain any seven properties of Listview in detail.
- (ii) Explain any seven properties of RichTextBox with example code.
- (B) Fill in the blanks : (any four) 4
- (i) Value of Columns property will be displayed only if view property of Listview control is set to _____.
- (ii) Interval property of Timer control holds the frequency of elapsed events in _____.
- (iii) Tick Frequency property of _____ control is used to set number of tick marks for the control.
- (iv) _____ value of format property of DateTimePicker control shows only time.
- (v) _____ property of RichTextBox gets or sets the rich text formatted text in the control.
- (vi) _____ property of scrollbar changes the value of the control by one.

3. (A) Write following : 7
- (i) Explain methods of File and Directory class with syntax and example. 7
 - (ii) Explain all methods of StringBuilder class with syntax and example.

OR

- (i) Write a short note on FileStream and Binary Writer class.
 - (ii) Explain XML elements and attributes with example. 3
- (B) Fill in the blanks : (any **three**)

- (i) _____ method writes a line of data and appends a line feed to a text file.
- (ii) _____ method of datetime class converts the string value into datetime value.
- (iii) XML attributes are separated by _____.
- (iv) _____ namespace must have to be imported for using methods of directory class.
- (v) _____ can be thought of as a custom or user defined data type.

4. (A) Write following :
- (i) Explain any three components of ADO.Net with example code. 7
 - (ii) What is databinding ? Explain databinding with Combobox and Textbox with example code. 7

OR

- (i) Explain ADO.Net Architecture with diagram.
 - (ii) How to use Datagridview with dataset ? Also explain, how to navigate records with textbox binding ?
- (B) Fill in the blank : (any **three**) 3

- (i) _____ component of ADO.Net stores multiple tables.
- (ii) _____ method of connection object is used to check the status of the connection.
- (iii) _____ method of Data Adapter is used store data in the dataset.
- (iv) _____ property is used to display data column of the data table in Combobox.
- (v) _____ property of command object defines SQL statement for the operation.