NB-110

December-2015

BCA, Sem.-V

CC-302 : Advanced Visual and Windows Programming

Time : 3 Hours] **[Max. Marks : 70**

1. (A) How to define object and methods for a class? Explain with syntax and example. **7**

   OR

   How to define property for a class? Explain all property procedures with example.

   (B) Explain difference between object browser window and class view window. **7**

   OR

   List common exception classes of the system namespace. Also explain multiple catch blocks and throw statement.

2. (A) Explain any seven properties of Datetimepicker control. **7**

   OR

   Write a short note on Trackbar and Timer control with properties.

   (B) Write a short note on Listview control. **7**

   OR

   Explain all properties of Treeview control. Also explain use of ImageList control.

3. (A) Explain DateTime properties for getting the current date and time. Also explain any four methods for performing operations on dates and times. **7**

   OR

   Explain properties and methods of String Builder class.

   (B) Write a short note on Stream Writer and Binary Writer class. **7**

   OR

   How to declare and use Structure? Explain with syntax and example.

4. (A) Write a short note on Data connection and Data Adapter of ADO.Net. **7**

OR

Write a short note on Data Command and Data Set of ADO.Net.

(B) Explain Data Table, Data Row and Data Columns of DataSet. **7**

OR

How can we bind Textbox with DataSet ? What is Data Binding ?

5. Select the correct answer. **14**
(1) Which of the following is not a type of property ?
   (a) Read Write (b) Readonly
   (c) Writeonly (d) Abstract

(2) By the use of _____ keyword, class cannot be inherited by any other class.
   (a) NotInheritable (b) Inherits
   (c) MustInherit (d) None of the above

(3) Which namespace needs to be imported for using the methods of Arraylist ?
   (a) System.data (b) System.IO
   (c) System.File (d) System.Collection

(4) Which of the following is not a part of Object browser?
   (a) Object Pane (b) Member Pane
   (c) Description Pane (d) Class Pane

(5) _____method belongs to the class rather than to the objects of the class.
   (a) Shared (b) Public
   (c) Sub (d) None of the above

(6) Which of the following is a property for getting current date and time both together ?
   (a) Now (b) Today
   (c) Timeofday (d) All of the above

(7) Header style property can be applicable only if view property of listview control is set to_____.
   (a) List (b) SmallIcon
   (c) LargeIcon (d) Details

(8) _____method   writes a line of data and appends a line feed.
   (a) Write (b) ReadLine
   (c) WriteLine (d) None of the above

(9) _____can be used to create a custom data type that consists of variables or fields.

    (a)   Structure   (b)   Class

    (c)   Function   (d)   Object

(10) Which of the following is not a property of datetimepicker control?

    (a)   Format   (b)   Maxdate

    (c)   Minimum   (d)   Value

(11) Which of the following property of trackbar used to calculate number of position between tick marks in the control ?

    (a)   Tickstyle   (b)   TickFrequency

    (c)   Tick   (d)   None of the above

(12) ADO.net does not contain which of the following component?

    (a)   Data Connection   (b)   Data Command

    (c)   Datagridview   (d)   Data Adapter

(13) ADO.net uses _____to define structure of the data in a dataset and to transmit data to and from a database.

    (a)   XML   (b)   DLL

    (c)   Framework   (d)   IDE

(14) _____class treats an XML document as a series of nodes.

    (a)   XMLTextWriter   (b)   XMLTextReader

    (c)   XMLElement   (d)   XMLAttribute

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