

Seat No. : _____

NJ-114

November-2013

BCA, Sem.-V

CC-302 : Advanced Visual And Windows Programming

Time : 3 Hours]

[Max. Marks : 70

1. (A) Answer the following : (any **two**) **8**
- (1) Explain Try...Catch...Finally statement with example.
 - (2) How can we define and use class events in vb.net ?
 - (3) Define :
 - (i) Property (ii) Method
 - (iii) Object (iv) Class
- (B) Answer the following : (any **two**) **6**
- (1) What is the syntax for a property procedure that defines a read/write property ?
 - (2) How can we define and use constructor in vb.net ?
 - (3) Explain inheritance in detail.
2. (A) Write a short note on Tree view control. **7**
- OR**
- (A) Explain Rich Text box Control with at least five properties.
- (B) Explain Scroll bar and Date Time Picker control in detail. **7**
- OR**
- (B) Write a short note on List view Control.
3. (A) Answer the following : (any **two**) **8**
- (1) Explain following methods with proper example.
 - (i) AddHours (hours) (ii) Subtract (datetime)
 - (2) Explain following methods of String with proper example.
 - (i) IndexOf (ii) Remove
 - (3) Explain standard numeric formatting codes with example.
 - (4) Explain any four custom datetime formatting codes with example.

- (B) Answer following : (any **two**) **6**
- (1) Explain Collection in detail.
 - (2) Write a short note on BinaryReader class with at least two common methods.
 - (3) Explain XML in terms of tags, declarations and comments.
 - (4) Explain streamreader and streamwriter in detail.

4. (A) Explain how basic ADO.NET components works in a windows application. **7**

OR

(A) Write a short note on data adapter.

(B) Explain Datagrid control with at least five properties. **7**

OR

(B) How to navigate through the rows in a data table ? Explain with proper example.

5. Answer the following : **14**

- (1) Which one of the following statements is correct ?
 - (a) An exception is syntax error occurs at design time.
 - (b) An exception is an error that occurs during the execution of an application.
 - (c) If an exception is not caught, application will not stop.
 - (d) An exception can occur due to logical error.

- (2) Which one of the following statements is not correct ?
 - (a) A read only property has only a get procedure
 - (b) A write only property has only a set procedure
 - (c) A read write property has either get or set procedure
 - (d) A read write property has both get and set procedure

- (3) Which one of the following definitions is correct ?
 - (a) Private Shared empname As String
 - (b) Share Private empname As String
 - (c) Private Share empname As String
 - (d) Shared Private empname As String

- (4) Which one of the following properties can be used to display today date at the bottom of the calendar control ?
 - (a) Today
 - (b) ShowToday
 - (c) ShowTodayCircle
 - (d) Showweeknumbers

- (5) Which one of the following methods can be used to open file in richtextbox control ?
- (a) SaveFile (b) Open
(c) OpenFile (d) LoadFile
- (6) What is the default character for path separator property of treeview control ?
- (a) * (b) -
(c) / (d) @
- (7) What will be the output of MsgBox (String.Format("{0:d3}",47)) statement ?
- (a) 470 (b) 47
(c) 047 (d) 4700
- (8) ADO stands for
- (a) ActiveX Dataset Object
(b) Advanced Database Object
(c) ActiveX Data objects
(d) Advanced Data Object
- (9) Which one of the following is not in the hierarchy of dataset ?
- (a) Data table (b) Data row
(c) Data adapter (d) Data relation
- (10) Which exception class of file I/O occurs when a file can't be found ?
- (a) FileNotFoundException
(b) FileNotFoundException
(c) NotFoundException
(d) FileNotExistsException
- (11) Which of the following statement is not correct ?
- (a) Inheritance lets you create a new class based on an existing class.
(b) A derived class doesn't inherit constructor or events from its base class.
(c) A derived class can extend a base class by defining properties, methods and events.
(d) None of the above

- (12) Which keyword is used to create constructor ?
- (a) Class name
 - (b) New
 - (c) Constructor
 - (d) Create
- (13) Which one of the following is not correct statement ?
- (a) A structure can be used to create a custom data type.
 - (b) Structure keyword is used to create structure.
 - (c) New keyword is used to create structure variable.
 - (d) Dot operator is used to access the field within the structure.
- (14) To set the range of scroll bar control which properties are used ?
- (a) Min, max
 - (b) Small, large
 - (c) Range
 - (d) Minimum, Maximum
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