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BCA(II) / 15 / 14

2014

Time : 3 hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group -- A

(Objective Type Questions)

Answer all questions : 2×10 = 20

- 1. Choose the correct answer of the following :**
- (a) When compile a VB.NET project the file has an extension of :**
- (i) .ctl**
 - (ii) .vbp**
 - (iii) .ocx**
 - (iv) None of the above**

NR - 27/3

(Turn over)

(b) ADO.NET provides :

- (i) Connect Connectivity
- (ii) Disconnect Connectivity
- (iii) Both (i) and (ii)
- (iv) None of the above

(c) The Validation is _____ User input for validity.

- (i) Deleting
- (ii) Checking
- (iii) Both (i) and (ii)
- (iv) None of the above

(d) Properties of the properties window can be viewed in two ways :

- (i) Alphabetic and Categorized
- (ii) Alphabetic and Numeric
- (iii) Numeric and Alpha Numeric
- (iv) None of the above

(e) Represents variable argument function :

- (i) Function with Params
- (ii) Function with ref

NR - 27/3

(2)

Contd.

(iii) Function with val

(iv) None of the above

(f) Com offered a Model for _____ reuse.

- (i) Source Code
- (ii) Binary Code
- (iii) Both (i) and (ii)
- (iv) None of the above

(g) VB.NET has a feature of _____ compatibility.

- (i) Forward
- (ii) Backward
- (iii) Both (i) and (ii)
- (iv) None of the above

(h) A method that refreshes all the contents of a record set is called :

- (i) SatInSync
- (ii) Update
- (iii) Requery
- (iv) Refresh

NR - 27/3

(3)

(Turn over)

(i) Tool box contains :

- (i) Control
 - (ii) Properties
 - (iii) Both (i) and (ii)
 - (iv) None of the above
- (i) When is the terminate event of form triggered ?
- (i) When the User moves to moves to another form
 - (ii) When the form initialized
 - (iii) When the form is unloaded
 - (iv) When all references to the form are deleted

Group - B

(Long-answer Type Questions)

Answer any four of the following : $15 \times 4 = 60$

- 2. (a) Discuss various .NET frameworks.
- (b) Discuss form tool box window.
- 3. (a) Discuss event Driven Programming.
- (b) What are the different features of VB.NET ?

NR - 27/3

(4)

Contd.

4. (a) Describe the structure of a VB.NET application.

(b) Write five properties of ADO data control Record set and explain of them.

5. (a) What is exception handling ? How can we use it in a program ?

(b) What is thread ? List of threading supported by .NET.

6. (a) Define Constructor and Destructor with example.

(b) Define the SQL connection and SQL command class.

7. (a) Explain SDI and MDI.

(b) Define Literals for VB.NET with examples.

8. (a) Explain List Box and Combo Box.

(b) Define Shadowing.

9. (a) Differentiate between Class Module and Standard Module.

NR - 27/3

(5)

(Turn over)

(b) Define CLR with example.

10. (a) Explain Anchoring and Docking controls.

(b) How can we add the control into a group box?

