2012

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:

1. Choose the correct answer of the following:

\[ 2 \times 10 = 20 \]

(a) Properties can be viewed in two ways:

(i) Alphabetic and Numeric

(ii) Numeric and Alpha numeric

(iii) Alphabetic and Categorized

(iv) None of the above

CX – 12/3 (Turn over)
(b) ADO.NET provides:

(i) Connected connectivity
(ii) Disconnected 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) When you compile an Active X control, the file has an extension of:

(i) .ctl
(ii) .vbp
(iii) .ocx
(iv) None of the above

(e) When is the terminate event of form triggered?

(i) When the user moves to another form
(ii) When the form is unloaded
(iii) When the form is initialized
(iv) When all references to the form are deleted

(f) Which one represents variable argument function?
   (i) Function with val
   (ii) Function with ref
   (iii) Function with Params
   (iv) None of the Above

(g) Which line of code will enable an error trap and send code execution to an error handler for any runtime error?
   (i) On Error Handler Error
   (ii) On Error Go to O
   (iii) On Error Go to Runtime Error Handler
   (iv) On Error resume Next

(h) COM offered a Model for ________ reuse.
   (i) Source Code
   (ii) Binary Code
(iii) Both (i) and (ii)
(v) None of the above

(i) A method that refreshes all the contents of a Record Set is called:
(i) Refresh
(ii) Requery
(iii) SatylnSync
(iv) Update

(j) VB. NET have the feature of compatibility.
(i) Backward
(ii) Forward
(iii) Both (i) and (ii)
(iv) None of the Above

Group – B

(Long-answer Type Questions)

Answer any four questions: \(15 \times 4 = 60\)

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

CX – 12/3 (4) Contd.
3. (a) What is the difference between SDI and MDI?
   (b) Define literals for VB.NET with example.

4. (a) Explain Anchoring and Docking Controls.
   (b) How can we add the controls into a group box?

5. (a) Explain Constructor and Destructor with example.
   (b) Define the SQL connection and SQL command class.

6. (a) Define Shadowing.
   (b) Explain CRL with suitable example.

7. (a) Differentiate between Class Module and Standard Module.
   (b) List out difference between List Box and Combo Box.

CX – 12/3 (5) (Turn over)
8. (a) What is event Driven Programming? How it is different from Procedural Programming?
(b) Explain the features of VB.NET.

9. (a) Discuss various .NET Frame Works.
(b) Define Array with example.

10. (a) Describe structure of a .NET application.
(b) List out five properties of ADO data control Recordset and explain each of them.

CX – 12/3 (800) (6) BCA(II)/15/12