

2010

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 :

2×10 = 20

- (a) During the execution of a program in Visual Basic.Net, following property of List Box control refers to the index corresponding to the list entry that has been clicked :

- (i) List Count

- (ii) Listindex
 - (iii) Index
 - (iv) Value
- (b) A method that refreshes all the contents of a **RecordSet** object from the data source by reissuing the original command retrieving the data second time is called :
- (i) Refresh
 - (ii) Requery
 - (iii) StayInSync
 - (iv) Update
- (c) When is the Terminate event of a form triggered ?
- (i) When the user moves to another form
 - (ii) When the form is unloaded
 - (iii) When for form is initialized
 - (iv) When all references to the form are deleted
- (d) Which of the following statement tells VB.NET to retry the statement that caused the error ?
- (i) Resume Next

- (ii) Resume
 - (iii) Retry
 - (iv) Resume Line
- (e) Which one represents variable argument function ?
- (i) Function with val
 - (ii) Function with ref
 - (iii) Function with Params
 - (iv) None of the above
- (f) Properties can be viewed in two ways :
- (i) Alphabetic and Numeric
 - (ii) Numeric and Alphanumeric
 - (iii) Alphabetic and Categorized
 - (iv) None of the above
- (g) When you compile an ActiveX Control, the file has an extension of :
- (i) .ctl
 - (ii) .vbp

- (iii) .ocx
 - (iv) None of the above
- (h) Which line of code will enable an error trap and send code execution to an error handler for any run-time error ?
- (i) On Error Handler Error
 - (ii) On Error Go To 0
 - (iii) On Error Go To Runtime Error Handler
 - (iv) On Error Resume Next
- (i) ADO.NET provides :
- (i) Connected connectivity
 - (ii) Disconnected connectivity
 - (iii) Both (i) and (ii)
 - (iv) None of the above
- (j) When creating a menu, how do you create a menu separation bar ?
- (i) In the 'Caption text box, enter an ampersand (&)
 - (ii) Select Menu Separator check box

(iii) In the Caption text box, enter a hyphen (-)

(iv) In the Caption text box, enter the text "Separator"

Group – B

(Long-answer Type Questions)

Answer any **four** questions :

2. (a) Which statement declares Window API routines ? Which qualifier Public or Private is required for Windows API procedures that are declared inside a form module ? 8
- (b) How do List Box and Combo Box differ from each other ? Illustrate. 7
3. (a) Write down the procedures for assigning the Short Keys to a menu using Menu Editor. 8
- (b) What do you mean by Common Dialog Control ? Please state each of the names of Dialog Box and its purpose. 7

4. (a) Write a short note on Arrays ? 8
(b) Differentiate between the class module and the standard module. 7
5. (a) List Five Properties of the ADO Data Control Recordset and explain them. 8
(b) Explain : Error trapping and handling in VB.NET. 7
6. (a) What do you understand by event procedure ? How does it differ from sub procedure and function procedure ? 8
(b) Explain the key objects of ADO model that enable programmers to retrieve set of records from a given data source. 7
7. (a) Discuss the various types of NET Framework classes supported in VB.NET. 8
(b) What are the rules to be followed while declaring and naming variables, objects, functions, procedures, sub-routines, etc ? 8

8. (a) Explain CRL with suitable example. 8
(b) Describe the anatomy of NET applications. 7
9. (a) Write down the steps in sequence for adding and deleting records with the ADODC. 8
(b) What is the difference between fixed size array and dynamic array ? Explain with example of each type of array. 7
10. (a) What do you understand by Text Box control ? What are its features and uses ? 8
(b) Define Shadowing. 7

