C 4003

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2016

(CUCBCSS—UG)

Complementary Course

BCS 4C 04—VISUAL PROGRAMMING

Time : Three Hours

Maximum : 64 Marks

Part A

*Answer **all** questions.*
Each question carries 1 mark.

1. What is another name for Exception ?

2. Which part of a function procedure declaration statement is optional ?

3. What is the use of the Val keyword ?

4. The methods declared with ———— modifiers are not accessible outside the current VB.NET project.

5. What is FCL stands for ?

6. Which statement is used to select specific field from a table ?

7. Which keyword/statement is used to deleting a record from a dataset ?

8. What is the default value for the Step in the For ... Next statement ?

9. Which selection process is an example of multiple branches from a single expression ?

(9 × 1 = 9 marks)

Part B

*Answer **all** questions.*
Each question carries 2 marks.

10. Explain ReDim statement.

11. What is with statement ? Explain.

12. What is CLR ? Explain.

13. What is a DataSet ?

14. What is meant by binding data to control ?

(5 × 2 = 10 marks)

Turn over

Part C

Answer any **five** *questions.*
Each question carries 5 marks

15. How to create constructors in VB.NET ? Explain.

16. Explain how to use optional argument. What is its use ?

17. What is an exception ? How to use Try...Catch...Finally in exception handling ?

18. Write down code for moving next, previous and first record.

19. How can we select multiple items in a list box ? Explain.

20. What are the different data type conversion functions in VB ? Explain.

21. How to create Label using Label class ? Explain with suitable example.

22. Design a message box that gives a message whenever the user tries to Quit from the particular form. Give the steps involved in designing the message box

(5 × 5 = 25 marks)

Part D

Answer any **two** *questions.*
Each question carries 10 marks.

23. How to handle string in VB.NET ? Explain different string handling functions and methods.

24. How to access data with the server explorer in ADO.NET ? Explain.

25. Write a note on :

    (a) MsgBox function.

    (b) MessageBox.show.

    (c) InputBox Function.

    (d) Creating Dialog Box.

(2 × 10 = 20 marks)