B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH/APRIL 2012

Fourth Semester

Vocational Course—VISUAL BASIC PROGRAMMING

(For the Vocational Subject Computer Applications of Model —II Physics)

Time : Three Hours

Maximum Weight : 25

Time allotted for the examination is 3 hours.

*Answer all questions in Part A, any **five** from Part B, any **four** from Part C, any **two** from Part D.*
Candidates can use scientific, non programmable calculators / mathematical tables.

Part A

*Answer **all** questions in this Part. This Part contains 4 bunches of 4 objective / one word answer type questions. For each bunch, Grade A will be awarded if all the 4 answers are correct, B for 3, C for 2, D for 1 and E for 0. Weight 1 each for every bunch.*

Bunch 1 (State whether True or False)

1. Text Box controls, which the user can click to initiate program actions.

2. The same variable can be used as an ordinary variable and a subscripted variable.

3. The user can enter items that are not in the drop-down list of the control box.

4. You can copy a control from another part of the form and paste it into the frame.

Bunch 2 (State whether True or False)

5. A path can include the name of a directory, a specific name or both.

6. A standard text file can be used for importing into the table.

7. The OLE servers created using Visual Basic support multiple localized interfaces for a single class defined in a class module.

8. A pop-up menu is a small menu that appears somewhere on the form in response to a program event.

Bunch 3 (Fill in the blanks using appropriate words)

9. To draw a Tool bar control on a form, you first need to add it to the ————.

10. The variable name must start with a ————.

11. A variable declared inside a procedure, and which can be used only within that procedure is called a ———— variable.

12. Active form refers to whichever MDI child form is currently ————.

Bunch 4 (Match the following)

13. Command button   (a)   Control to accept textual information needed from the user

14. List Box   (b)   Controls to act as captions, displaying information to the user.

15. Label   (c)   Controls, which the user can click to initiate program actions.

16. Text Box   (d)   Controls to present a list of choices.

$(4 \times 1 = 4)$

Part B (Short Answer Type. Weight 1 each).

Answer any **five** *questions.*

17. What is a form ? Give examples.

18. List any *four* properties controlling the appearance of text.

19. What is a Combo box ? How it is used ?

20. List any *four* Tool bar buttons of a form editor ?

21. What is user-initiated event ? Give an example.

22. List the different data types in Visual Basic.

23. Write the characteristics of MDI child forms.

24. Write the syntax of opening a random access file.

$(5 \times 1 = 5)$

Part C (Short Essays/Problems weight 2 each)

Answer any **four** *questions.*

25. Write the syntax for the declaration of all types of variables in Visual Basic.

26. Show how to create a drop-down list using Combo Box.

27. Illustrate the calling of an event procedure from code.

28. Show how to create a simple menu system.

29. Describe the use of INI files.

30. What is shell function ? How it is used with visual basic to schedule a data transfer.

$(4 \times 2 = 8)$

Part D (Essay type–weight 4 each)

Answer any **two** *questions.*

31. Describe how the Tool bar Buttons are created ? Write a code to activate a Tool bar ?

32. Describe the use of the file manipulation functions, with appropriate examples.

33. What are events used in Visual Basic programs. Write and describe an event procedure.

$(2 \times 4 = 8)$