

**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 \_\_\_\_\_.

**Turn over**

**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 × 4 = 8)

Maximum Weight: 25

Time allowed for this question is 2 hours.

Answer all questions in Part A, any 2 out of 3 in Part B, any 1 out of 2 in Part C. For calculation you may use a non-programmable calculator/mathematical tables.

Bunch 1

Answer all questions in this Part. This Part contains a number of 4 objectives and each objective has 2 questions. For each correct answer you will be awarded 2 out of the 4 marks are correct. 2 for 2, 0 for 1, 0 for 0 and 0 for 4. Total: 20 marks. (2 × 4 = 8)

Bunch 1 (Choose whether True or False)

1. Text files are used to store the text data in a program.
2. The same variable can be used as an ordinary variable and a subscripted variable.
3. The user can enter data that are not in the drop-down list of the control box.

Bunch 2 (Choose whether True or False)

4. A path can be used to save a document, a specific name is used.
5. A standard text file can be used for reporting data to a file.
6. The OLE (Object Linking and Embedding) allows multiple localized interfaces for a single object defined to a file or module.
7. A pop-up menu is a small menu that appears somewhere on the screen in response to a particular event.

Bunch 3 (Fill in the blanks with appropriate words)

8. To open a file, you need to enter a file name and a file extension.
9. The variable name must start with a letter.
10. A variable declared inside a procedure and which can be used only within that procedure is called a local variable.
11. ActiveX refers to whatever COM object form is currently active.

Turn over