

E 1650

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Reg. No.....

Name.....

C.B.C.S.S. - B.Sc. DEGREE EXAMINATION, APRIL 2011

Fourth Semester

Vocational Course—VISUAL BASIC PROGRAMMING

(For the Vocational Subject Computer Applications of B.Sc. Physics Model-II)

Time : Three Hours

Maximum Weight : 25

Note :

1. Time allotted for the examination is 3 hours.
2. Answer **all** questions in Part A, any **five** from Part B, any **four** from Part C and any **two** from Part D.
3. 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 the following statements are True or False :

1. A control is an object you place on a form that interacts with the user or the program.
2. User can edit the information presented in Label.
3. When you drag a control over the frame, the control will be contained within the frame.
4. By loading and unloading forms as you need them, you can save system resources.

BUNCH 2

State whether True or False :

5. Kill can use wildcards to specify multiple files.
6. OLE objects in visual Basic may be used to extract information from an Excel spreadsheet and store it in a database.
7. String is a default data type in Visual Basic.
8. Codes can be added to a program to change the Data control's caption to reflect information in the current record.

Turn over

BUNCH 3

State whether True or False :

9. Redundant codes can be eliminated by calling a procedure each time a task needs to be performed instead of repeating the program code.
10. In a private procedure, appropriate resources are allocated to make it available to all parts of the program.
11. A procedure can be created either in a form or a module.
12. If the test value is a number, the values tested in the case statements can be a string.

BUNCH 4

Match the following :—

- | | |
|-------------------------|--|
| 13. Query | — Indicate that a severe error has occurred and the program is shut down after this message. |
| 14. Information message | — Indicate that a program error has occurred and this error may require user correction. |
| 15. Critical message | — Indicates that the program requires additional information from the user before processing can continue. |
| 16. Warning message | — Informs the user of the status of the program and used to notify the users of the completion of a task. |

(4 × 1 = 4 weight)

Part B (Short Answer type questions)

*Answer any five questions.
Weight 1 each.*

17. What is a Text Box ? What is its function ?
18. List the different data types in visual Basic.
19. List the rules to be followed in naming variables.
20. Distinguish between subroutines and functions.
21. What is a pointer ? Where it is used ?
22. List the different (any four types) of file commands and their functions.
23. Explain the advantages of procedure.
24. List the different types of properties and their uses.

(5 × 1 = 5 weight)

Part C (Short Essays/Problems)

*Answer any four questions.
Weight 2 each.*

25. What is OLE ? Illustrate the use of OLE container control ?
26. With an example, show how to use the property pages wizard ?
27. Explain the use of different file manipulation functions.
28. Write a VB program to fill up a list Box from a text file.
29. Write a subroutine to show the log error message suitably.
30. With an example program, show the calling of an event procedure from code.

(4 × 2 = 8 weight)

Part D (Essays Type Questions)

*Answer any two questions.
Each question carries a weight of 4.*

31. Explain multiple level menus. With suitable examples, explain how to create the file menu ?
32. Write the syntax for procedure and function. Give an example program showing the passing of arguments to procedure and functions.
33. Describe how a class builder can be used to provide a graphic interface to the classes, properties, methods, constants and events in an application.

(2 × 4 = 8 weight)