B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2014

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

Part A

Answer **all** *questions in this part.*

Weight 1 for each for every bunch of 4 questions.

BUNCH 1

State whether True *or* False :

1. _____ window of VB IDE contains controls that can be added to your project.

2. _____ property is used to examine whether a checkbox is checked or not.

3. The items appearing in the parenthesis of a procedure call statement are known as _____.

4. Applications can be embedded in or linked to a form with the _____ container control.

BUNCH 2

State whether True *or* False :

5. Sub procedures can be called only once during program execution.

6. Forms are stored as files in visual basic.

7. The properties of controls cannot be changed in Form load event handler.

8. A Sub procedure can call another sub procedure.

BUNCH 3

State whether True *or* False :

9. Public keyword cannot be used with variables declared inside procedures.

10. MDI child forms cannot be minimized.

11. Controls can be added to a Form at runtime.

12. Properties of controls can be set only at design time.

Turn over

BUNCH 4

State whether True *or* False :

13. Typing in a TextBox generates an event.

14. A file can be opened in two modes at the same time.

15. The Trim function is used to remove all spaces in a string.

16. Val function is used to round off a number.

$(4 \times 1 = 4)$

Part B (Short Answer Questions)

Answer any **five** *questions.*

Weight of 1 each.

17. List out the logical operators in VB.

18. What do you mean by scope of a variable?

19. What is a control array?

20. Define the term literal.

21. List out the events related with Forms.

22. Write short notes on Properties Window.

23. What do you mean by Form level variables?

24. What do you mean by OLE?

$(5 \times 1 = 5)$

Part C (Short Essay/Problems)

Answer any **four** *questions.*

Weight 2 each.

25. Differentiate between fixed and variable length strings

26. Illustrate with an example how a function is called and value is returned.

27. Write a VB program to check whether a given number is prime or not.

28. Write briefly about setting breakpoints in programs

29. Write the syntax of Select Case Statement.

30. Write briefly about the various methods of Shape control.

$(4 \times 2 = 8)$

Part D (Essay Type Questions)

Answer any **two** *questions.*

Weight 4 each.

31. Differentiate between subroutine and function with the help of an example.

32. Explain briefly the features of standard MDI form.

33. Explain briefly the different ways of passing arguments to functions and subroutines.

$(2 \times 4 = 8)$