

(4)

Unit - IV

8. (a) Write a project in VB which changes the color of form in every 10 seconds. 6
- (b) What do you understand by Activex Component? How many types of Activex components are there in VB. 6
9. (a) Write a timer program for setting an alarm in hh:mm:ss format. What would be the value of the interval property of timer control. 6
- (b) Write short notes on : 6
- (i) Rich Text box control
- (ii) tabbed dialog control.

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B.Sc. (Part-III) Examination, 2015

COMPUTER SCIENCE

First Paper

(Old Syllabus)

(Visual Basic)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : Answer five questions in all. Question No.1 is compulsory. Attempt one question from each of the four units.

1. Write short answers of the following : 3×10
- (a) Differentiate between procedure and function.
- (b) Write down the structure of for loop and do-whileloop.
- (c) What do you mean by array? How the array is declared?
- (d) Briefly explain Pop-up menu.
- (e) Discuss about flat scroll bars.
- (f) Write the function of watch debug window.

(2)

- (g) How do you manipulate menus at run time.
- (h) Write the steps for creating and saving a project.
- (i) What do you mean by radio button and scroll bars.
- (j) What do you know about MDI and SDI form creation in VB project?

Unit-I

- 2. (a) Explain the function of Debug window in Visual Basic. 5
- (b) How will you deal with syntax error and logical error? 6
- 3. (a) Discuss in detail event driven programming. 6
- (b) What do you mean by objects and classes. Discuss with suitable example. 5

Unit-II

- 4. (a) Discuss the following elements of user interface : 5
 - (i) Textbox
 - (ii) label

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(3)

- (iii) list box
- (iv) Combobox
- (v) Checkbox
- (b) Discuss about the various types of variable declaration in VB using suitable examples. 6
- 5. (a) Design a VB project to check whether a given number is prime or not. 5
- (b) Explain the characteristics of the third child form in an MDI application. 6

Unit - III

- 6. (a) Design a project in VB for finding out the volume of a sphere, cube and cylinder. 6
- (b) Design a project in VB to find out the cube of a number. 5
- 7. (a) What do you mean by Menu? What is the difference between the Enabled property and Visible property of a Menu control? 6
- (b) What do you understand by arguments passed by value/passed by reference? Explain with an example. 5

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P.T.O.