

Professional Course Examination (Odd), 2023

(5th Semester)

BACHELOR OF COMPUTER APPLICATIONS

Course No. : BCA/5/CC/30

(**Programming with VB.Net Lab**)

(**Practical**)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

I. Answer any *two* of the following questions :

15×2=30

1. Develop a console application to calculate largest and smallest number in a given array.
2. Write a window application for login purpose with two input boxes for username and password and appropriate buttons. When the user click login button, the software will check the password with the password set by you and then display message box accordingly.
3. Develop windows application having one combo box at the middle with at least 5 color names in it. When user selects any color from the list, the background color of the application has to change as per the selection using the select...case statement.

SECTION—B

20

II. Answer any one of the following questions :

4. Write a VB.Net program having two textboxes, accept a character from keyboard in the textbox and check whether it is vowel or not and display the case of that character in message box. And in the next textbox, check if a text entered is an email address or not.
5. Write VB.Net application for lecturer database with the fields (id, lect name, dob, basic salary, grade pay, da, hra, sca, total pay). Calculate da, hra, sca and total pay from basic salary and grade pay. Save the record in database and display. Use report viewer to view individual record.

SECTION—C

III. Practical Record Book.

10

IV. Viva voce.

15
