Professional Course Examination (Odd), 2023

Semester : **5**

Subject Code : **BCA/5/CC/30**

Subject : **Bachelor of Computer Applications**

Name of the Paper : **Programming with VB.Net Lab (Practical)**

Date of Examination : **15-11-2023**

No. of Answer Sheet(s) Used : _____

Full Marks : 75   **Time : 3 Hours**

INSTRUCTIONS TO CANDIDATES

Please read the instructions carefully before you start writing your answers.

1. Questions should be attempted as per instructions.

2. Candidate should clearly indicate the Question Nos. and the Page No. for each sheet.

3. Please write your Roll No. and Registration No. clearly and correctly in the space provided.

4. Do not write your name or the name of your college/institution anywhere or anything else, which is not part of your answer.

5. Candidate should make sure that the answer sheets scanned should be legible.

6. The Invigilator on duty should confirm that the correct script is received, compiled and attached to the correct Cover Page.

7. Multiple Choice Answer should indicate the Question No., Sub. No., (if any) and the correct answer. For example—

   1. *Name the state capital of Mizoram.*
      (a) Lunglei
      (b) Champhai
      (c) Aizawl
      (d) Mamit

Candidate should provide answer as
1 (c) Aizawl

[Candidate should avoid writing only (c)]

Question Nos.	Marks
Total	

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.

II. Answer any *one* of the following questions :   20

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

★ ★ ★