



CODING

Professional Course Examination, May 2023
 Semester : **2**
 Subject Code : **BCA/2/CC/11**
 Subject : **Bachelor of Computer Applications**
 Name of the Paper : **Programming in C Lab**
 Date of Examination : **31-05-2023**
 No. of Answer Sheet(s) Used : _____

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

CODING

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 |
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| Total | |

To be filled in by the Candidate

Date of Examination
31-05-2023

Semester : **2**

Subject Code
BCA/2/CC/11

Subject
Bachelor of Computer Applications

Roll No. _____

Regn. No. _____

No. of Additional Sheet(s) : _____

Scrutinizer's Signature

Examiner's Signature

Invigilator's Signature /474

DO NOT WRITE HERE

Professional Course Examination, May 2023

(2nd Semester)

BACHELOR OF COMPUTER APPLICATIONS

(**Programming in C Lab**)

(**Practical**)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

(*Marks : 30*)

Answer *any two* questions

1. Write a C program to convert given Fahrenheit into Celsius. 15
2. Write a C program which inputs three numbers and displays the largest number using conditional operator. 15
3. Write a C program to check whether the given number is prime or not. 15
4. Write a C program to accept lines of text and display the number of alphabets, digits and special characters. 15

SECTION—B

(Marks : 20)

Answer *any one* question

5. Write a C program to demonstrate functions call-by value and call-by reference. 20
6. Write a C program to read and print student details such as roll number as integer, name as character and percentage as float using structure pointer. 20
7. Write a C program to convert decimal number to its equivalent binary number using function. 20

SECTION—C

(Marks : 25)

8. Viva voce. 15
9. Practical record book. 10
