

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
