Professional Course (Even) Examination, 2025

(2nd Semester)

BACHELOR OF COMPUTER APPLICATIONS

(Programming in C Lab)

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

 Percentage of your attendance is input through the keyboard. Write a C program to calculate and display internal mark based on percentage of attendance as given below :

15

if attendance >= 95, internal mark is 5 if attendance >= 90 &&<95, internal mark is 4 if attendance >= 85 &&<90, internal mark is 3 if attendance >= 80 &&<85, internal mark is 2 if attendance >= 75 &&<80, internal mark is 1 if attendance <75%, internal mark is 0 and is not eligible to appear in the examination

 Write a C program to print the Fibonacci series up to n terms using while loop.
15

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- 3. Write a C program to check whether the given number is prime or not. 15
- 4. Write a C program for demonstration of nested if-else statement to find out the greatest of three numbers input by the user. 15

SECTION-B

(Marks: 20)

Answer any one question

5.	Using C programming language, write a program to find the transpose of a matrix.	20
6.	Write a C program to reverse the accepted number using function.	20

 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.

SECTION-C (Marks: 25)

8.	Record book.	10
9.	Viva voce.	15

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