

# Program

B.Sc. (Computer Science) ~~(2)~~ 2nd Semester Exam-2021

Paper DSC:CC-2L (~~DSC2L~~)

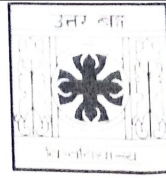
(Programming Fundamentals using C Lab)

F.M. 20

(Attempt any one practical)

1. WAP in C to find the sum of first  $n$  even ~~non~~ natural numbers.

2. WAP in C to find first  $n$  armstrong numbers.



**University of North Bengal**  
BSc Honours 2<sup>nd</sup> Semester Examination, 2021  
Computer Science

**CC22L: Programming in Java Lab**

~~Time allotted: 1 hr~~

Full marks: 20

*All figures in the margin indicate full marks.*

*Candidates should answer in their own words and adhere to the word limit as practicable.*

*All symbols are of usual significance.*

Answer any **one** question from the following

1. Define a "Clock" class that does the following: -

- a. Accept hours, minutes and seconds.
- b. Check the validity numbers.
- c. Set the time to AM/PM mode.

Use necessary constructors and methods to do the above task.

20

2. Java Program to find the most repeated word in a string.

20

2<sup>nd</sup> Semester (CBCS) Examination-2021

Paper Code:COMS GE 2AL (Hons.)

Paper Name: Programming in C LAB

Full Mark: 20

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Answer any one question from the following 20 X 1

1.

Write a program in C to calculate area and circumference of a circle. Give an output example.  
~~Also write down algorithm for the same program.~~

20

2. Write a program in C to reverse a string and show the output.

20

B.Sc 2<sup>nd</sup> Semester Examination 2021

Paper GE: 2B L

Microprocessor Lab

FM 20

(Attempt any one Practical)

1. Write an assembly language program to check whether a number is even or odd. 20
2. Write an assembly language program to find the number of ones and the number of zeros in an 8-bit number. 20