



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
BCA Honours 2nd Semester Examination, 2022

CC3-BACHELOR OF COMPUTER APPLICATION (CC-22L) (PRACTICAL)
PROGRAMMING IN JAVA LAB

Time Allotted: 2 Hours

Full Marks: 20

*The questions are of equal value.
All symbols are of usual significance.*

Practical:	15
Viva:	5
Total	20

Answer any one question on lottery basis

1. Write a program to find the sum of any number of integers entered as command line arguments.
2. Write a program to find the factorial of a given number.
3. Write a program to learn use of single dimensional array by defining the array dynamically.
4. Write a program to convert a decimal to binary number.
5. Write a program to check if a number is prime or not, by taking the number as input from the keyboard.
6. Write a program to create a – “distance” class with methods where distance is computed in terms of feet and inches, how to create objects of a class and to see the use of this pointer.
7. Write a program to show the use of static functions and to pass variable length arguments in a function.
8. Write a program to reverse a number given by the user.
9. Write a program to swap two numbers.
10. Write a program to check whether a given number is Even or Odd.

11. Write a program to swap two numbers without using any third variable.
12. Write a program to calculate GCD of two numbers.
13. Write a program to compute the sum first n terms of the series $S = 1 + 2 + 3 + 4 + 5 + \dots$
14. Write a program to check whether a given number is a Prime or Composite.
15. Write a program to compute the factors of a given number.
16. Write a program to calculate LCM of two numbers.
17. Write a program to compute the sum of first n terms of the series $S = 1 + 8 + 27 + 64 + \dots$
18. Write a program to display n terms of Fibonacci series, n would be provided by the user.

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