Time 20 minutes, Marks 20 (You need to answer all questions).

Name -
ID -

1. Write a program in C to find the sum of the series **[x - x³ + x⁵ + ...]**.

   Test Data :
   Input the value of x :**2**
   Input number of terms : **5**
   Expected Output :
   The values of the series:
   2
   -8
   32
   -128
   512
   The sum = **410**

2. Write a program in C to find LCM of any two numbers using HCF.

Test Data :
Input 1st number for LCM: **15**
Input 2nd number for LCM: **20**
Expected Output :
The LCM of 15 and 20 is : **60**

3. **What is a structure?**

4. **How to define structures? (Write Syntax).**