

**Guru Nanak Public School, Dalhousie**  
*Practical File Questions Session 2016-2017*

Class XI (Computer Science)

Q1 Write a program in C++ to have even and odd number from 1 to 500 constituting 50 numbers at a time.

Q2 Write a program in C++ to have  $1+2^2 +3^3 +\dots+n^n$  sum of this series.

Q3 Write a program in C++ to have  $1^2 +2^2 +3^2 +\dots+n^2$  sum of this series.

Q4 Write a program in C++ to have  $1/1^1 +1/2^2 +1/3^3 +\dots+1/n^n$ .

. Q5 Write a program in C++ to find maximum and minimum number among 5 numbers.

Q6 Write a program in C++ to implement three variables and two variables by swapping and check whether the number is even or odd.

Q7 Write a program in C++ to have 1D array and reverse the array.

Q8 Write a program in C++ to have maximum and minimum number in 1D array.

Q9 Write a program in C++ to have two 1D array and find out their sum forming a third array.

Q10 Write a program in C++ to have sum of all n number of arrays.

Q11 Write a program in C++ to implement Armstrong number, Palindrome number, Neon number.

Q12 Write a program in C++ to display following pattern. 54321

5432

543

54

5.

Q13 Write a program in C++ to display following pattern.

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Q14 Write a program in C++ to find out the total marks, Grade and percentage in 5 subjects.

Q15 Write a program in C++ to find out the square and square root of number.

Q16 Write a program in C++ to implement binary sorting Selection sorting, Sequential search using switch case.

Q17 Write a program in C++ to have two 2D array and find the sum by forming third array.