

**Waffor Retail Solutions Private Limited**  
**Model Paper – 1**

**Duration : 1 Hour**

1. Find the nearest smaller numbers on left side in an array, Expected time complexity is  $O(n)$ .

**Input:** arr[] = {1,6,4,10,2,5}

**Output:** {-1,1,1,4,1,2}

2. Write a program to evaluate postfix expression

**Input :** 231\*+9-

**Output :** -4

3. Write a program to print all permutations of a given string

**Input:** ABC

**Ouput:** ABC ACB BAC BCA CBA CAB

**Note :** All Program should work on dynamic input