**Lab Solution Question Sets Answers**

**Lab 1**

Q1 c, Q2 b Q3 O(n) time by use a datastructure see http://richardhartersworld.com/cri/2001/slidingmin.html

**Lab 2**

Q1 A permutation is an arrangement of objects, without repetition, and order being important

Q2ABC, BCA, CAB, CBA, ACB, BAC

Q3 CA, CT, AT, AC, TA, TC

**Lab 3**

Q1 A combination is an arrangement of objects, without repetition, and order not being important.

Q2ABC, BCA, CAB

Q3 CA, CT, AT