**CS5250 Advanced Operating Systems**

**Pop Quiz 8**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Suppose there are three tasks, A, B, and C, of niceness levels -2, 0, 2, respectively. Assume that they arrived at the same time. Show the first 10 context switches that will happen under CFS and BFS. Please show your working, i.e., the intermediate state of the corresponding data structures. State any assumption clearly.