1. (10 points) In Algorithm 32 on page 232 of the textbook, if we delete the check for “s > seq”, will the algorithm work correctly? In particular, delete “if s > seq” from the pseudo-code, and keep the rest of the pseudo-code, including Algorithm 31 on page 231 unmodified.

   Justify your answer.

2. (10 points) Prove that consensus number of test&set is 2.