1. 1. Yes, if the goal is to maximize the total amount of time used for the completed test questions and the student does not have time to solve all the questions, choosing the longest questions first will achieve that goal.
   2. If the goal is to solve as many questions as possible, the way to achieve is by designing a greedy algorithm that chooses the shortest questions first.   
        
      Sort n questions by time to solve (d) so that d1 <= d2 <=....<= dn

t ← 0

for j = 1 to n

assign question q to interval [t, t+tj]

sj ← t, fj ← t + tj

t ← t + tj