Comments on Professor Andrew’s Test 2

On question 3c, an alternative (equally acceptable) way to show that a graph has a Hamiltonian cycle would be to just give a Hamiltonian cycle!

With regards to question 4, I will not ask something like “use this specific version of Dijkstra’s algorithm”. If I had asked it it would have been something like “Use Dijkstra’s algorithm to give the shortest path from A to each other vertex. Be sure to show how the labels of the vertices change over the course of the algorithm”.

Comments on Professor Hurley’s Test 2 Question 4 is based on a concept I didn’t really emphasize in class. We frequently use that IF events are independent THEN the probability of both events is the product of the probability, but it goes the other way around too. I would not ask such a question on the exam.