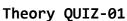


CSE422: Artificial Intelligence Fall 2024



Duration: 40 Minutes



Name: ID: Section:	Name:	I TD•	Section:
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- **1)a.** Comment on the admissibility of heuristic and fix any values on the table if needed. (4)
 - **b.** Now perform A* search using the edited/updated heuristic values if any. (6)
- **c.** Now comment on the heuristic consistency of the nodes S and F. Must show calculation to justify your answer. (4)
- **d.** Using the updated heuristic table, can we perform a A^* Search to find optimal path from state S to node E? Please provide a brief explanation for your answer (4)

h(n)
10
8
7
6
7
3
1
0

