

CS2443 Quiz 3

Naitik Malav

TOTAL POINTS

10 / 10

QUESTION 1

1 Question 1 4 / 4

- ✓ + **0.5 pts** Algo 1 is not optimal
- ✓ + **1.5 pts** Counter-example to disprove
 - + **0 pts** Did not attempt / incorrect
- ✓ + **0.5 pts** Algo 2 is optimal
- ✓ + **1.5 pts** Proof for the same
 - + **0.5 pts** Incomplete proof
 - + **0 pts** Did not attempt/incorrect

QUESTION 2

2 Question 2 3 / 3

- + **0 pts** Incorrect
- ✓ + **1 pts** Correct cost
- ✓ + **2 pts** correct tree
- 💬 didn't map...

QUESTION 3

3 Question 3 3 / 3

- ✓ + **1 pts** Correct reason
 - + **0.5 pts** Partially correct reason
 - + **0 pts** Incorrect answer/not attempted/missing pages
- ✓ + **2 pts** Correct matching and algorithm execution
 - + **1 pts** correct matching
 - + **0.5 pts** partially correct algorithm execution
 - + **0 pts** Incorrect matching & algorithm execution/not attempted/missing pages

1 Question 1 4 / 4

- ✓ + 0.5 pts Algo 1 is not optimal
- ✓ + 1.5 pts Counter-example to disprove
 - + 0 pts Did not attempt / incorrect
- ✓ + 0.5 pts Algo 2 is optimal
- ✓ + 1.5 pts Proof for the same
 - + 0.5 pts Incomplete proof
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2 Question 2 3 / 3

+ 0 pts Incorrect

✓ + 1 pts Correct cost

✓ + 2 pts correct tree

💬 didn't map...

3 Question 3 3 / 3

✓ + 1 pts Correct reason

+ 0.5 pts Partially correct reason

+ 0 pts Incorrect answer/not attempted/missing pages

✓ + 2 pts Correct matching and algorithm execution

+ 1 pts correct matching

+ 0.5 pts partially correct algorithm execution

+ 0 pts Incorrect matching & algorithm execution/not attempted/missing pages