

QotD18

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Questions: 2

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1. Consider Network Flow. Which of the following statements is FALSE?

(1 point)

- A. Every augmenting path adds flow to the total
- ✓ B. Every edge in an augmenting path will have a net increase in flow
- C. When no augmenting path exists, the current flow is the maximum flow
- D. Depending on how the augmenting paths are chosen, a graph could end up with the same network flow but with different flow assignments to the edges

2. One way of finding augmenting paths in a network graph is to use BFS. This will find the augmenting path

(1 point)

- A. With the largest augment value
- B. With the smallest augment value

C. With the most edges

✓ D. With the fewest edges