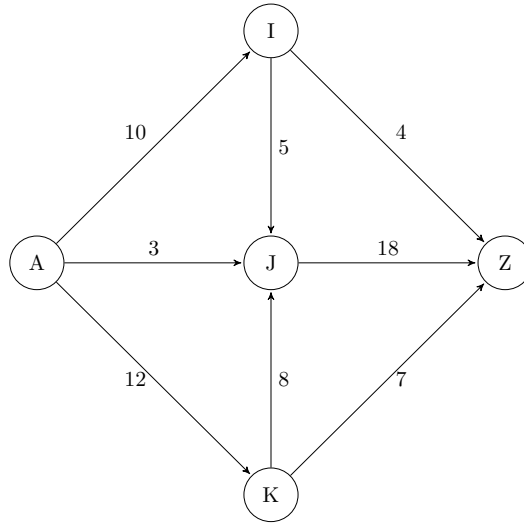


CS2223 D Term 2020 Quiz 23 Xtra

(1 point) Question 1: “My brain is open...”

I pledge that I am taking this quiz on my own, with help from no one else and no notes:

(3 points) Question 2: What is the value of the maximum flow of the network below?



(3 points) Question 3: How many edges are in the minimum cut of the flow network?

(3 points) Question 4: Which of the following edges is NOT part of the minimum cut of the flow network?

- a.) (A,J)
- b.) (A,K)
- c.) (I,J)
- d.) (I,Z)
- e.) All of these edges are part of the minimum cut of the flow network.

(1 point) Bonus Question: Which edges will be included in a general minimum cut of a flow network?

- a.) At least one edge emerging from the source
- b.) At least one edge entering the sink
- c.) All edges at capacity
- d.) Only edges at capacity, not necessarily all of them
- e.) a), b), and c)