Assignment 3

The due date for submitting this assignment has passed.

As per our records, you have not submitted this assignment.

1. Ideally, the transportation cost should be minimum.
   - A: True
   - B: False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: True

2. A minimum transportation cost means that some routes may be shut down.
   - A: True
   - B: False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: True

3. If I don’t want a route to be shut down, in the problem formulation, I need to provide some quantity in the route as fixed.
   - A: True
   - B: False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: True

4. The maximum flow problem determines the maximum number of vehicles that can flow through a route in one time period.
   - A: True
   - B: False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: True

5. Transshipment cost modeling cannot take into account the fact that some routes may be shut. The model just calculates the minimum cost.
   - A: True
   - B: False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: True

6. A node is closed, and if x1 quantity is supposed to be sent by that node, the model will be:
   - A: x1 = 100
   - B: x1 = 0
   - C: x1 = 0 to 1
   - D: x1 = -Min x1 to 10

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: x1 = 100

7. A route has to be there in the transportation map, and if x1 quantity is supposed to be sent by that route, the model will be:
   - A: x1 = 100
   - B: x1 = 0
   - C: x1 = 0 to 1
   - D: x1 = -Min x1 to 10

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: x1 = 100

8. In a Min-Max problem, we need to:
   - A: minimize the maximum quantity sent on a low-cost route
   - B: maximize the minimum quantity sent on a high-cost route
   - C: maximize the minimum quantity sent on a high-cost route
   - D: none of the above

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: A: minimize

9. In a Max Flow problem, the material that flows through the arc that links the two ends points, has to be:
   - A: minimized
   - B: maximized
   - C: maximization of maximum
   - D: maximization of minimum

   No, the answer is incorrect.
   Score: 0
   Accepted Answers: B: maximized

10. Transportation cost is:
    - A: key element of supply chain cost
    - B: key element of supply chain network cost
    - C: key element of transportation network cost
    - D: none of the above

    Yes, the answer is incorrect.
    Score: 0
    Accepted Answers: A: key element of supply chain cost