

Question 1

Question text

What is wrong with the following table?

To⇒		1	2	3	Dummy	Supply
From	A	10	8	12	0	100
			80		20	
	B	6	7	4	0	150
	120	40	30			
C	10	9	6	0	250	
		10	170	80		
Demand		120	80	200	100	

Select one:

- The solution is unbounded.
- The solution is degenerate
- The solution is inefficient in that it is possible to use fewer routes
- Nothing is wrong
- The solution is infeasible

Question 2

Question text

The method of finding an initial solution based upon opportunity costs is called _____.

Select one:

- Vogel's approximation
- Hungarian method
- MODI method
- Stepping Stone Method
- the northwest corner rule

Question 3

Question text

In a transportation problem, when the number of occupied routes is less than the number of rows plus the number of columns -1, we say that the solution is:

Select one:

- Degenerate
- Optimal

- Infeasible
- impossible
- Unbalanced.

