

Glossary

1. **Transportation Problem**

Transportation problem calculator helps to calculate/solve the supply and demand of a product by using North West Corner Method. It also assists in computing the minimum path of transportation.

2. **North West Corner Method**

North West corner rule is a method for computing a basic feasible solution of a transportation problem, where the basic feasible solutions are selected from the North West corner (i.e., top left corner).

3. **Commodity**

In economics, a commodity is the generic term for any marketable item produced to satisfy wants or needs.

4. **Utility**

It is a state of being useful, profitable or beneficial; the value of that which is sought to be maximised in any situation involving a choice.

5. **Supply**

The amount of a product which is available to customers; make available to someone in adequate.

6. **Demand**

Demand refers to how much (quantity) of a product or service is desired by buyers; pressing requirement.

7. **Supply Side Constraint**

This typically refers to any of a list of reasons why a developing country may find it hard to exploit its comparative advantage if there is trade liberalization. The list includes inadequate infrastructure, low productivity, and lack of information about markets.

8. **Degenerate**

Having lost the physical or moral qualities considered normal & desirable; showing evidence of decline.

9. **Optimality**

Most desirable possible under a restriction expressed or implied.

10. **Allocation**

To set apart for a special purpose; designate; in transportation problem, resources are allocated to each operation.

11. **Least Cost Method**

This method takes into consideration the lowest cost & takes less time to solve the problem.

12. **Vogel's Approximation (or penalty) Method**

Vogel's approximation method is an iterative procedure for computing a basic feasible solution of a transportation problem.

13. **Destination**

The place to which someone or something is going or being sent; end point where goods should be transported.

14. **Constraint**

It refers to a limitation or restriction.

15. **Warehouse**

A warehouse is a commercial building for storage of goods.