

## Section-5

Ques 1. What is transportation problem?  
Distinguish b/w Assignment & transportation.

Ans It is a special type of linear programming problem where the objective consists in minimizing transportation cost of a given commodity.

from a no. of sources or origins to a number of destinations.

### Transportation problem-

- This is about reducing cost or improving profit involving in transportation merchandise.
- no. of sources and no. of demand need to be equal.
- matrix need to be square matrix.

### Assignment problem-

- This is about assigning finite sources to finite destinations in a way where only one destination is allotted for one source with minimum cost.

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- no. of sources and no. of destination must be equal.
- matrix must be square matrix.