

## [Glossary]

**Transportation Problem (Part - 1)** 

Subject:

**Business Economics** 

B.A., 4<sup>th</sup> Semester,

**Course:** 

Paper No. & Title:

Undergraduate

Paper – 403 Quantitative Techniques for Management

Unit No. & Title:

Unit - 2 Transportation & Assignment

Lecture No. & Title:

Lecture – 1 Transportation Problem (Part - 1)

## Glossary

**Destination**: The place to which the units are to be transported.

**Difference**: The difference between minimum and next minimum elements of each row and each column.

**Initial basic feasible solution**: Solution which satisfies the constraints of the transportation problem is called initial basic feasible solution.

**Optimal solution**: Solution which satisfies the constraints of the transportation problem and also optimizes the objective function is called optimal solution.

**Source**: The place from where the units are to be transported.

**Transportation cost:** Cost of transporting a unit from a particular origin to particular destination.

**Unbalanced transportation problem:** If the total supply is not equal to the total demand then it is called an unbalanced transportation problem.