

Unit - 2nd Linear Programming / Transportation

1.) Discuss the major acceptions in the application of linear programming model.

2.) Define the term :-

* Slack variable

* Graphical Method

* Duality

* Simplex Method

* Surplus variable

3.) What is the linear programming? What types of problems can be solve by this technique?

4.) What do you understand by unbalance transportation problem? How would you convert it into balance transportation problem? Discuss in brief NWCM, LCM, VAM to obtain initial basic feasible solution.

5.) What is mean by an optimal test? How could you determine whether a given solution is optimal or not?