

**ASSIGNMENT : 1**

**UNIT : 1 & 2 Exercise on definition, formulation of linear programming problems.**

1. State the general rules for formulating a dual LP problem from its primal.
2. Nachiketa Corporation manufactures two products A1 & A2. The profit per unit of the two products is Rs.50 & Rs.60 respectively. Both the products require processing in three machines. Below table indicates the available machine hours per week & time required on each machine for one unit of A1 & A2. Formulate as linear programming problem.
3. Explain significance of any two assumptions of LPP.

