

## Algorithm to find the optimum solution of LPP (By Graphical method)

- 1- Formulate the appropriate LPP (Linear Programming Problems).
- 2- Draw the graph of the constraints inequalities.
- 3- Obtain a feasible region (a region which is common to all the constraints of the LPP which is a common region).
- 4- Obtain the solution points (corner points of the feasible regions).
- 5- Calculate the value of the objective function at the solution points.
- 6- For the maximization problem, the optimum solution is the solution points which gives the maximum value of the objective function and for minimum problem, the optimum solution is the solution points which gives the minimum value of the objective function.