

ques. 2 Define the sequencing problems.  
What do you mean by  
Saddle point?

Sequencing problems are quite common in real life. They arise whenever there is a choice of determining the order in which a no. of jobs can be performed.

These problems play a very important role in manufacturing set-ups for the optimal use of resources and the customer's satisfaction. Many times, manufacturing firms

produce goods made up of several components, which are sourced from other manufacturing firms. The final product undergoes many processes before it is taken to the market for sale.

In mathematics, a saddle point or minimax point is a point on the surface of the graph of a function where the slopes (derivatives) in orthogonal directions are all zero (a critical point), but which is not a local extremum of the function.