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SEQUENCING PROBLEM:-

The selection of an appropriate order for finite number of different jobs to be done on a finite number of machines is called sequencing problem. In this we have to determine the optimal order of performing the jobs in such a way so that time is minimized.

Utility refers to the satisfaction that each choice provides to the decision making. Utility theory assumes that any decision is made on the basis of utility maximisation principles according to which the best choice is the one that provides the highest utility to the decision maker as per the aspects.