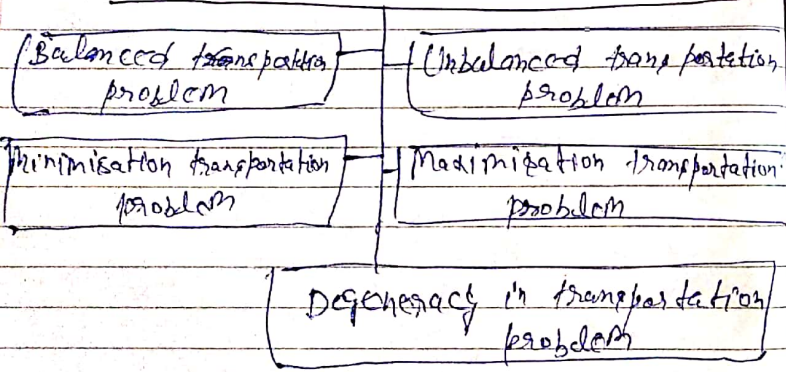


Section - 5

Q. 4 → What is transportation problem?
Distinguish between Assignment and transportation

Ans → Transportation Problem :- The transportation problem is to transport different amounts of a single homogeneous product, which are initially kept at various origins, to different destinations with the objective of minimising the total transportation cost.

(Different cases in transportation problem)



Assignment and transportation :- In a transportation model, sources and destination are present, in an assignment model, there are facilities, and jobs which have to be assigned to those facilities. Unlike a transportation model, in an assignment model, number of facilities (source) is equal to number of jobs (destinations).