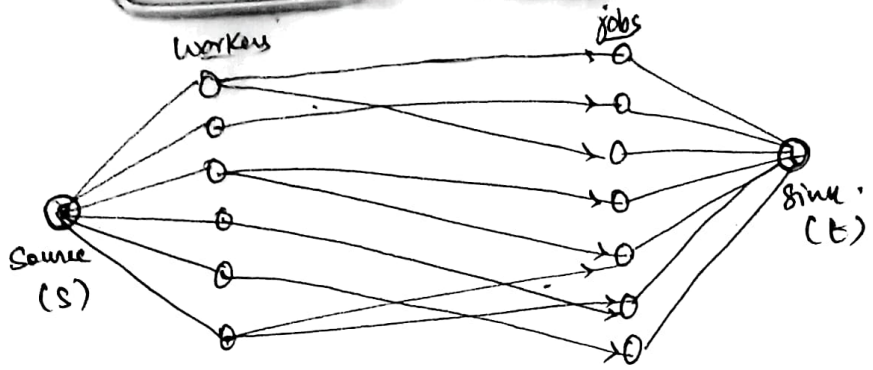

We create a network flow as follows:-

i) First we create a source 's' and a sink 't'.

ii) Then we create a set of edges representing the workers.

iii) Then we create a set of edges representing the jobs.

iv) We join the source 's' with all the workers and join the sink with all the jobs.

v) Clearly, a cut is formed with two disjoint partitions one containing the source & all the workers while the other containing sink & all the jobs.

vi) Now, we connect the workers with their preffered jobs using edges of capacity '1'.

vii) By max-flow min cut th^{m}, we know, minimum capacity of cut gives maximum flow from source to sink in the network flow.

viii) Also, flow of the network flow = no. of edges of the graph.

ix) Hence, finding max flow will determine max no. of matchings for the Bipartite Graph.