A-1) $K_{4,4}$

No. of vertices = 4+4 = 8

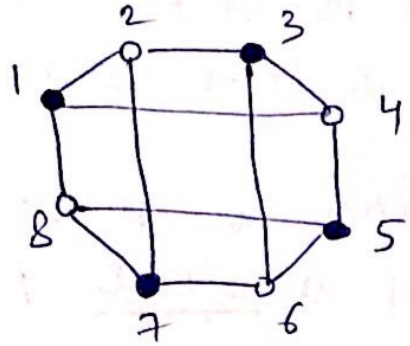
No. of edges = 4×4 = 16

$K_{1,7}$

Vertices = 1+7 = 8

Edges = 1×7 = 7

A-2)




Now, the graph becomes bipartite because we cannot find any edge with end points of same colour.

No, the graph is not a complete bipartite graph because the definition of it is not satisfied (∵ vertex 1 (black set) is not connected to all the vertices of white set)

A-3)