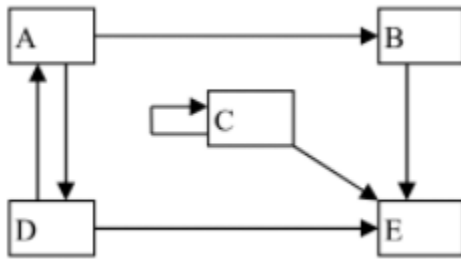1)
Using the graph G answer the following:
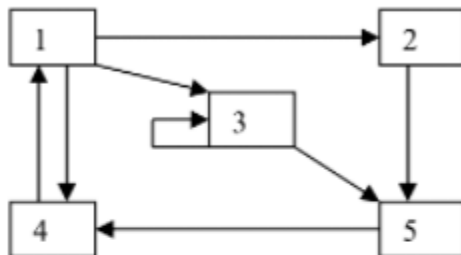

a) Give the minimum path from D to B and its length.
b) Is <E, B, A> a simple path in G?
c) Is <D, A, D, A, D> a cycle in G?
d) Give all simple cycles of G

2)
Give the adjacency list representation for the following graphs. Graph b is undirected and the edge weights (the numbers above the lines) may be ignored.

a)

b)