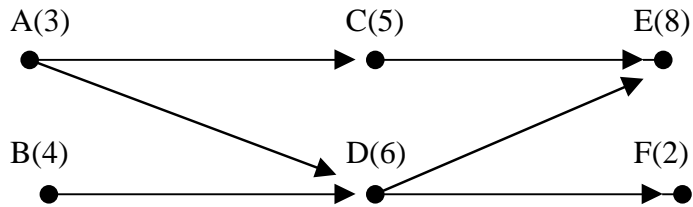


MA 103 QUIZ 4

1. Consider the digraph of jobs:



- a) What is the length of the critical path for the project?
 - b) Schedule the jobs on two processors using the priority list ABCDEF
 - c) Schedule the jobs on two processors using the critical path algorithm
2. Schedule the independent jobs A(4), B(3), C(2), D(8), E(5), F(3), G(5), H(3) on three processors using the decreasing time algorithm.
 3. Draw a tree graph that has 7 vertices.
 4. Use Kruskal's algorithm to find a minimal weight spanning tree in the graph

