

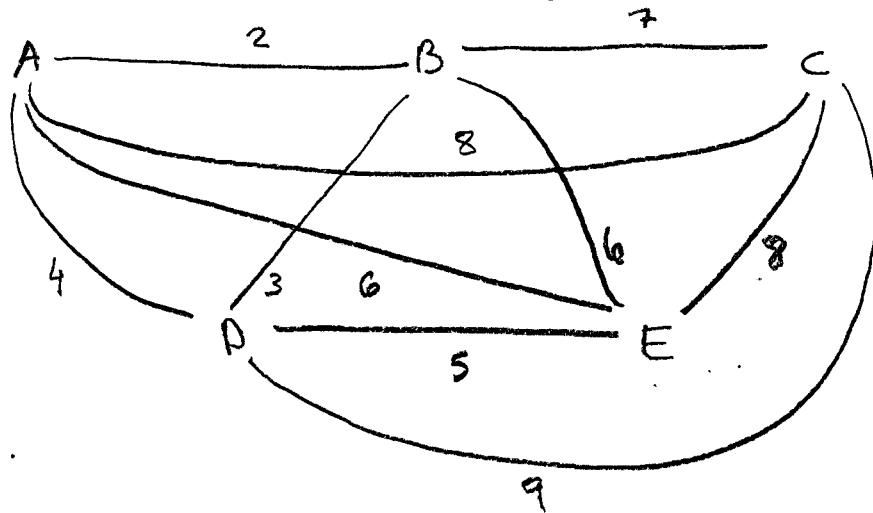
Attendance Quiz for Lecture 11

NAME: (print!) Nuray Kutlu

E-MAIL ADDRESS: (print!) nkt774@seas Let Mail. rutgers.edu

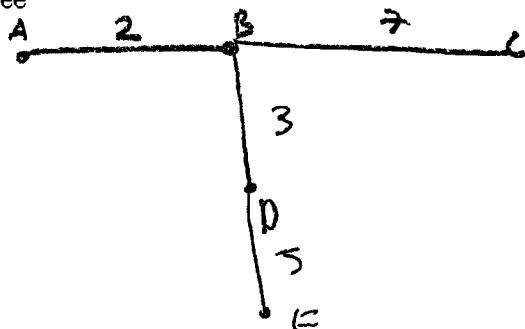
1. (a) Draw the weighted network (graph) whose matrix is

	A	B	C	D	E
A	0 2 8 4 6	2 0 7 3 6	8 7 0 9 8	4 3 9 0 5	6 6 8 5 0
B	2 0 7 3 6	0 0 8 5 7	7 8 0 9 8	3 6 5 0 9	6 7 5 9 0
C	8 7 0 9 8	7 8 0 9 8	0 0 8 5 7	8 5 7 0 9	9 8 7 5 0
D	4 3 9 0 5	3 6 5 0 9	5 0 9 8 7	0 9 8 7 5	5 9 0 7 8
E	6 6 8 5 0	6 7 5 9 0	7 5 9 0 6	9 0 6 5 7	0 9 8 7 6



- (b) Find a minimum spanning tree

Step 1: AB



Step 2: DB

Step 3: DA X

DE

Step 4: EA X

EB X

CB V

done!