

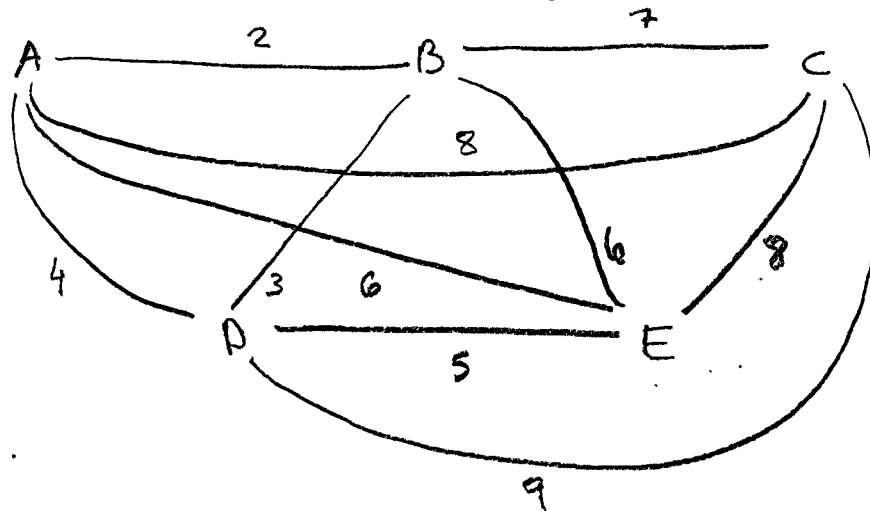
Attendance Quiz for Lecture 11

NAME: (print!) Nuray Kutlu

E-MAIL ADDRESS: (print!) nk774@seas.lafayette.edu

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

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



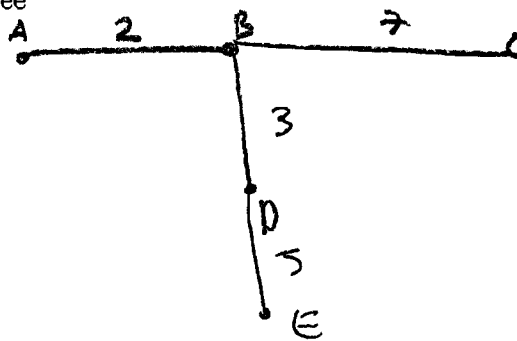
(b) Find a minimum spanning tree

Step 1: AB

Step 2: DB

Step 3: DA X  
DE

Step 4: EA X  
EB X  
CB ✓



done!