

## Attendance Quiz for Lecture 11

NAME: (print!) \_\_\_\_\_

E-MAIL ADDRESS: (print!) \_\_\_\_\_

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

$$\begin{pmatrix} 0 & 2 & 8 & 4 & 6 \\ 2 & 0 & 7 & 3 & 6 \\ 8 & 7 & 0 & 9 & 8 \\ 4 & 3 & 9 & 0 & 5 \\ 6 & 6 & 8 & 5 & 0 \end{pmatrix}$$

- (b) Find a minimum spanning tree