## Attendance Quiz for Lecture 22

<b>NAME:</b> (print!)					
E-MAIL ADDRESS: (print!) _					
1. In the following network vertex are given by the above matrix $(c_{ij})$					
	$\begin{bmatrix} 0 & 4 \\ 0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$	$ \begin{bmatrix} 2 & 2 & 0 \\ 2 & 0 & 2 \\ 0 & 0 & 4 \\ 1 & 0 & 2 \\ 0 & 0 & 0 \end{bmatrix} $	·		
(a) Draw the network with the sou 2, 3, and 4 in the middle. Indicate				5 on the right ar	nd vertices
(b) Find a maximal flow and state	e its value .				

(c): Find a mininal cut and state its value.