1 Graph Theory
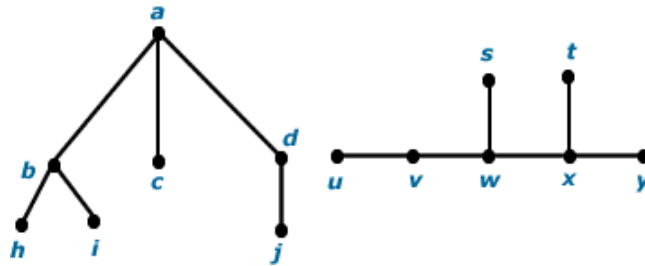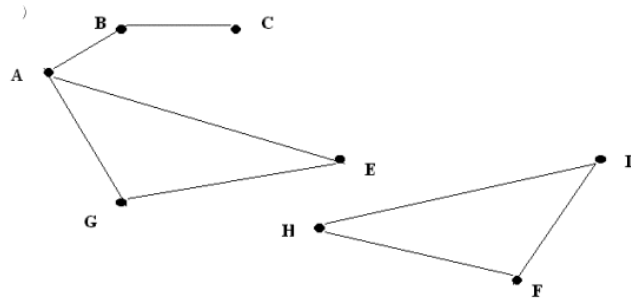

Figure 1:

b) The Connected Components are {A,B,C,G,E} and {D,F,H}

c) Because there are two components no computer can send messages to every other computer. For example, there is no way to get a message from Andrew's computer to Hakim's.

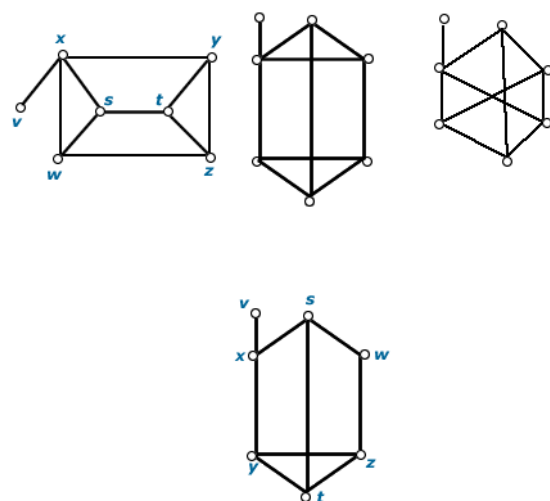d) A message from Gertrude to Chitta could be routed through Andrew and Barbara

Figure 2:

Figure 3: