Question 15 (8 marks)

An express bus service runs between seven adjacent shopping centres in the city. Below is an adjacency matrix of the seven shopping centres, A to G.

	Α .	В	С	D	Е	F	G
Α	0	1	0	0	1	0	1
В	1	0	1	1	1	0	0
С	0	1	0	1	0	1	0
D	0	1	1	0	0	0	0
E	1	1		0	0	0	0
F	0	0	1	0	0	0	1
G	1	0	0	0	0	1	0

(a) Draw the network diagram associated with the adjacency matrix, assuming the arcs are undirected. (3 marks)



