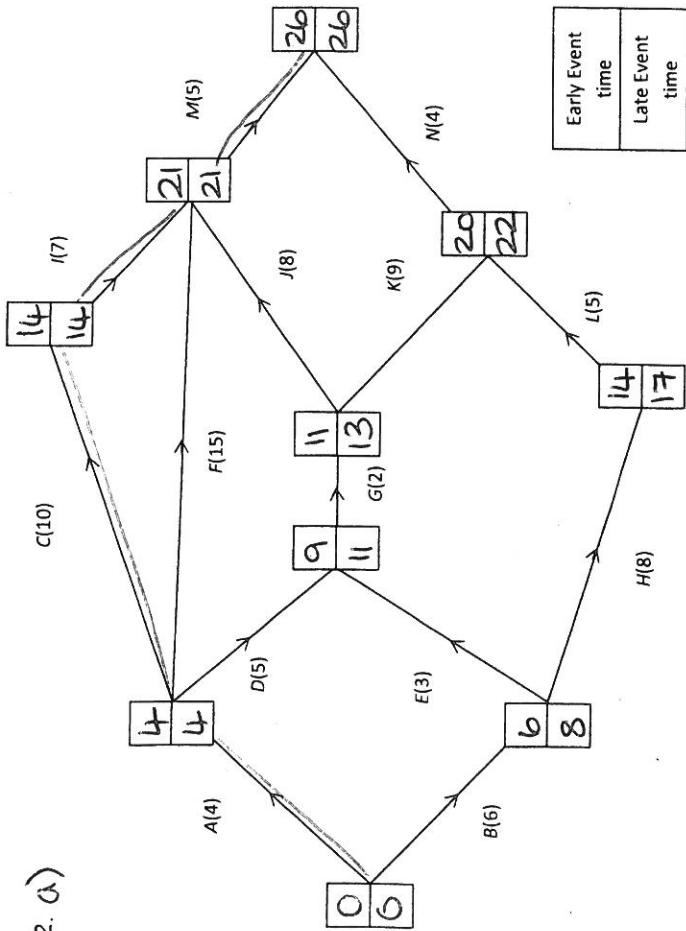


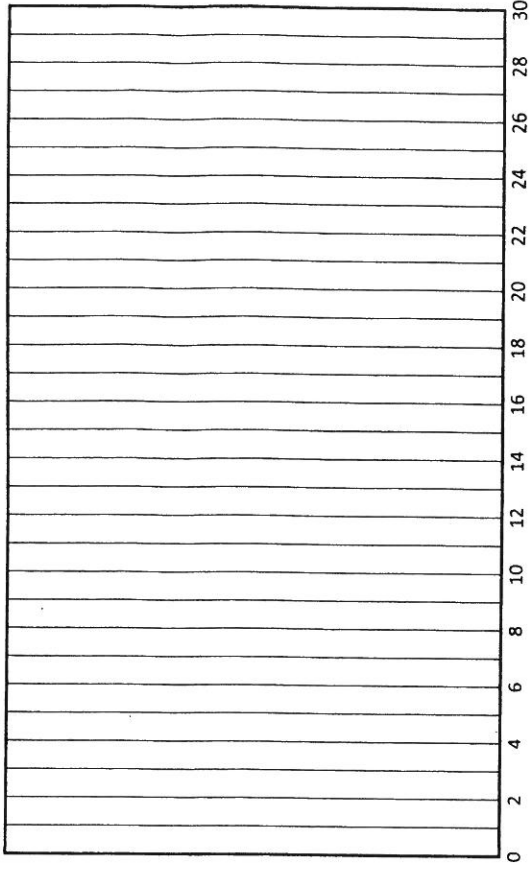
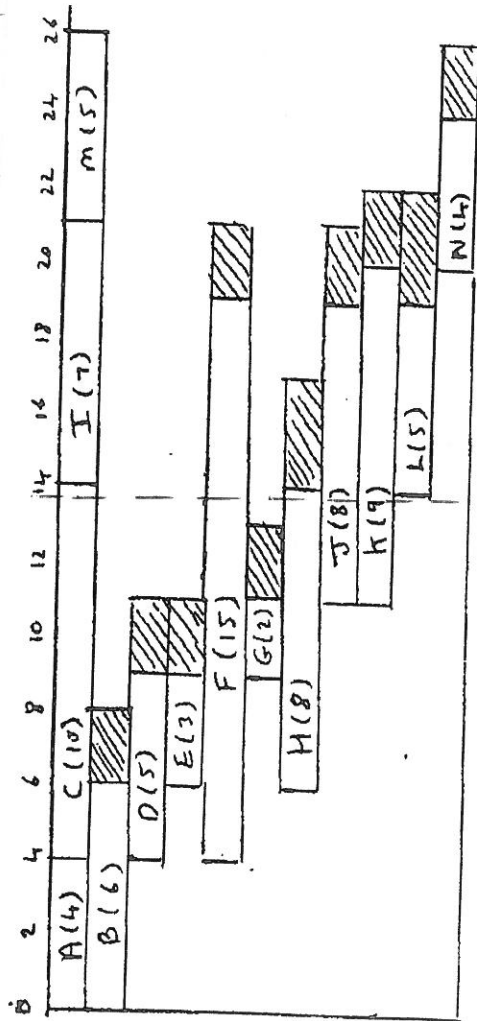
Decision Homework 9 Solutions

Question Number	Scheme	Marks
7. (a)	E.g. It shows dependence but is not an activity; <i>G</i> depends on <i>A</i> and <i>C</i> only but <i>H</i> and <i>I</i> depend on <i>A</i> , <i>C</i> and <i>D</i> .	B1 (1)
(b)		M1 A1
(c)	$B \begin{cases} C - I \\ E - F \end{cases} \rightarrow J - L$ so <i>B, C, E, F, I, J, L</i>	M1 A1
(d)	$A: 11 - 0 - 9 = 2$ $D: 11 - 3 - 7 = 1$ $G: 18 - 11 - 5 = 2^*$ $H: 17 - 11 - 5 = 1$ $K: 25 - 16 - 7 = 2^*$	A1 (5)
(e)		M1 A1 (non *)
(f)	Gantt chart at time 8 <i>C, F, A</i> and <i>D</i> , must be happening \therefore 4 workers needed	A1 (*) (3)
		M1
		A1
		A1
		A1
		(4)
		M1
		A1 (2)
		(15 marks)

2. a)



c)



b) ACIM length 26 days

d) from the chart, 5 workers are needed
eg on day 14 (13-14) C, F, H, J & K have to be taking place.

e)

