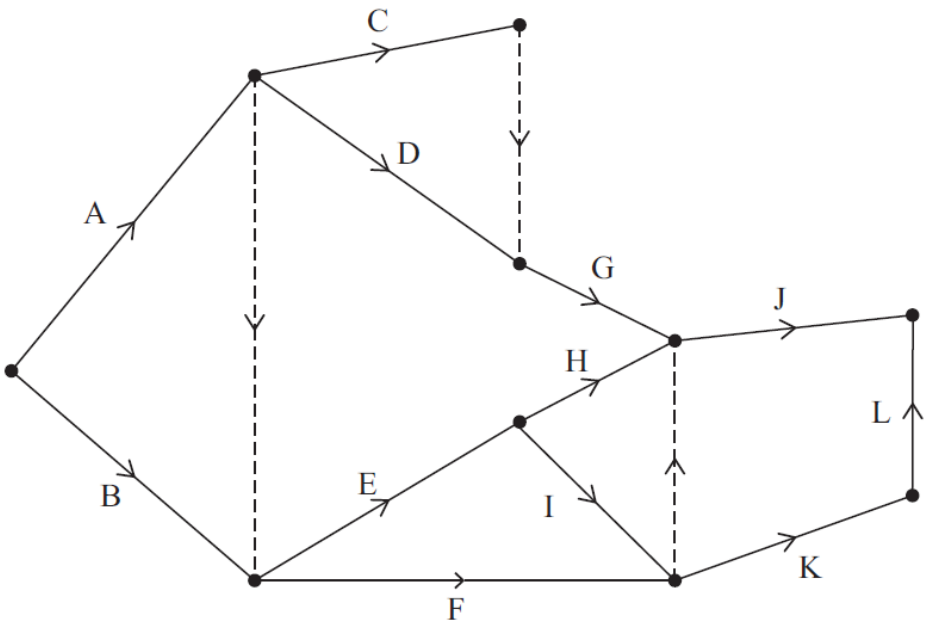
Question Number	Scheme	Marks
5.(a)	e.g.  	M1 A1 A1 A1 A1 **(5)**
(b)	Activities A, B, E, I, K and L are critical	B1 **(1)**
		6 marks
	Notes for Question 5	
	Activity on node is M0 Condone lack of, or incorrect, numbered events throughout. 'Dealt with correctly' means that the activity starts from the correct event but need not necessarily finish at the correct event, e.g. 'G dealt with correctly' requires the correct precedences for this activity, i.e. C and D labelled correctly, with a dummy from the end of C into the same node as D and G starting from that node but do not consider the end event.	
	If an arc is not labelled, for example, if the arc for activity E is not labelled (but the arc is present) then this will lose the first A mark and the final (CSO) A mark – they can still earn the second and third A marks on the bod. If two or more arcs are not labelled then mark according to the scheme. Assume that a solid line is an activity which has not been labelled rather than a dummy (even if in the correct place for where a dummy should be). **Ignore incorrect or lack of arrows on the activities for the first four marks only**	
a1M1	Eight activities (labelled on arc), one start and at least two dummies placed	
a1A1	Activities A, B, C, 1st dummy, from A to B (including correct arrow), D, E and F dealt with correctly	
a2A1	2nd dummy, between C and D (including correct arrow), activities G, H and I dealt with correctly	
a3A1	Activities J, K and L dealt with correctly, so 3rd dummy at the end of F and I required + correct arrow	
a4A1	CSO – all arrows correctly placed for each activity with one finish and exactly three dummies	

	Please check all arcs carefully for arrows – if there are no arrows on any dummies then M1 only. **Note that additional (but unnecessary) 'correct' dummies that still maintain precedence for the network should only be penalised with the final CSO A mark if earned. Note that this answer is not unique. There are many ways of drawing this network that are isomorphic to this version. Condone arcs drawn crossing other arcs.**	
b1B1	CAO	