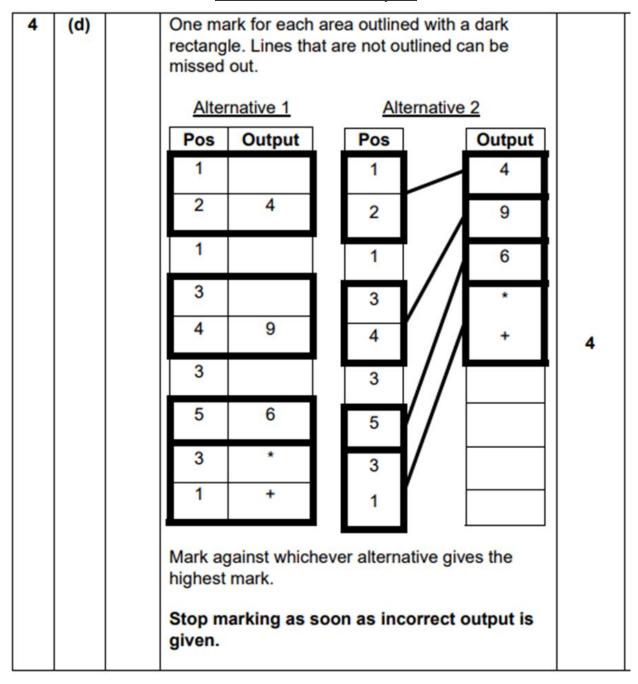
AQA Computer Science A-Level 4.3.2 Tree-traversal Past Paper Mark Schemes

<u>June 2017 Paper 1</u>

04	1	Mark is for AO1 (knowledge) A subroutine that calls itself;				
04	2	Mark is for AO1 (understanding) When target equals node // (When target does not equal node and) node is a leaf // node = target;				
04	3	Marks are for AO2 (apply)			3	
			Function Call	Output		
			TreeSearch (Olivia, Norbert)	(Visited) Norbert;		
			TreeSearch(Olivia, Phil);	(Visited) Phil;		
		MAX 2 if any errors eg additional outputs / function calls after output of Phil I. minor spelling and punctuation errors				

June 2013 Comp 3



4	(e)	Post-order; A. Depth-first A. Depth-first search as BOD TO. Depth-first pre/in-order	1
4	(f)	(4+9*6 in) Reverse Polish (Notation) // Postfix (Notation) // RPN;	1