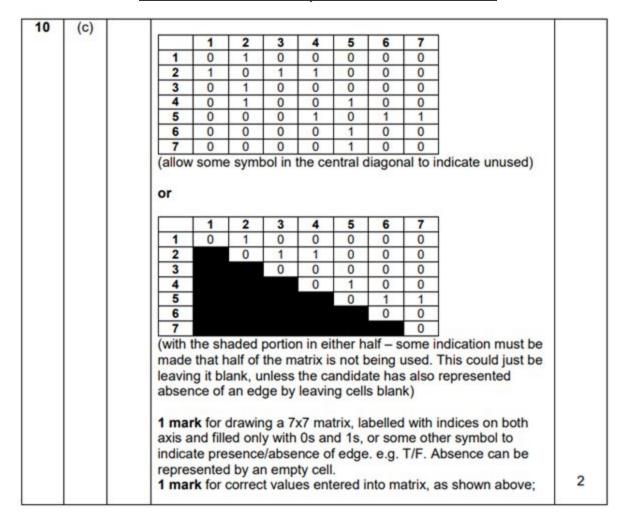
AQA Computer Science A-Level 4.2.4 Graphs

Past Paper Mark Scheme

June 2012 Comp 3 Mark Scheme



Specimen Paper 1 Mark Scheme

03	1	Mark is for AO1 (understanding)	1
		It contains a cycle / cycles;	
03	2	All marks AO2 (apply)	2
		Vertex (in Figure 3 vertices 1 2, 3 2 1, 3, 4 3 1, 2, 5 4 2 5 3 Mark as follows: 1 mark: Three correct rows; 1 mark: All rows correct; I Order of items within each list/row.	
03	3	All marks AO1 (understanding) Adjacency list appropriate when there are few edges between vertices // when graph/matrix is sparse; when edges rarely changed; when presence/absence of specific edges does not need to	
		tested (frequently); Max 2 A Alternative words which describe edge, eg connection, lin	e