Question Number	Scheme	Marks
2.(a)	AB, BC, CF, CE; FG, AD; EH, HI	M1 A1 A1 **(3)**
(b)	(£)191	B1 **(1)**
(c)	(BC EF) CF, reject CE, AB, FG; {AD, reject AC}, reject DG, {reject BE and DF}, EH, reject FH, HI, (reject GI FI) **(Note BC and EF are already in the tree and may be listed before CF)**	M1 A1 A1 **(3)**
(d)	(£)147	B1 **(1)**
		8 marks
	Notes for Question 2	
a1M1	First four arcs (AB, BC, CF, CE) correctly chosen, or first five nodes ABCFE chosen in order. If any rejections seen M1 only. If Prim starting at any other node M1 only for the correct first four arcs (not nodes).	
a1A1	First six arcs (AB, BC, CF, CE; FG, AD) correctly chosen, or all nodes in order ABCFEGDHI.	
a2A1	CSO (must be arcs)	
b1B1	CAO	
c1M1	First three arcs (CF, AB, FG) correctly chosen and at least one rejection seen at some point. (Kruskal not Prim.) **We do not need to see BC and EF added to the tree.**	
c1A1	All arcs in tree selected correctly at correct time. **Ignore any reference to BC and EF.**	
c2A1	CSO including all rejections correct (GI and FI do not need to be explicitly rejected) and at the right time. **Penalise any reference to BC and EF unless correctly added before CF.**	
d1B1	CAO	