Question number		Answer	Notes	Marks
11 (a)	(i) (ii)	current provides a magnetic field/eq; magnets in a magnetic field experience a force/magnets line up along a field line/eq; (circular) field line through all of the compass	allow any circle	2
		needles; arrow clockwise;	concentric with the wire	
	(iii)	changes direction / eq;		1
(b)		vertical; upwards;		2
(c)	(i)	up / down; idea of cutting field lines;	allow any inference of up/down	2
	(ii)	cutting field lines <b>induces</b> a voltage across the wire;	allow emf or potential difference or p.d. for voltage allow idea of a force on	2
		complete circuit so voltage gives a current;	electron(s) causing them to move	

Total for Question 11 = 11 marks