

Question number	Answer	Notes	Marks
3 (a)	idea that like poles repel;		1
(b)	it is made of plastic / idea that plastic is non-magnetic;		1
(c)	correct shape e.g. lines deviating away from both magnets; correct direction e.g. any arrows must face towards poles;	reject if any field lines touch or cross except at pole	2
(d)	(i) reading will increase; (because) magnetic field / (repulsive) force will be stronger;	allow statement to the effect that magnet B will be pushed down more (by magnet A)	2
	(ii) reading will decrease; (because) magnets will now attract;	allow reading will become negative / zero ; allow statement to the effect that magnet B will be pulled upwards	2

Total for Question 3 = 8 marks