

Q.	Answer	Mark	Additional Guidance
4. (a)	<i>correct symbol</i>	1	
	<i>correct position</i>	1	
(b) (i)	no effect	1	
(ii)	stops working	1	
(iii)	stops working	1	
(c)	the lamp (only)	1	
5. (a)	use insulated wire wound into a coil connected to a power supply	3	
(b)	use plotting compasses or iron filings	2	detail of shape of magnetic field must be provided to gain 2 marks
(c)	any two of: increase the number of turns increase the current add an iron core	2	