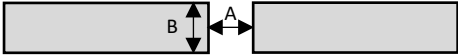


Question number	Answer	Notes	Marks
8 (a)	<p>two magnets with opposite poles facing;</p> <p>poles brought close to each other;</p> 	<p>accept annotated diagram for either mark</p> <p>accept from diagram if magnets drawn closer together than the thickness of their poles i.e. $A < B$ (on diagram)</p>	2
(b) (i)	<p>any three from:</p> <p>MP1. ammeter displays a current/reading (in one direction);</p> <p>MP2. (because) a voltage is induced;</p> <p>MP3. induced voltage gives a current;</p> <p>MP4. ammeter reading goes negative / shows current in opposite direction;</p> <p>MP5. (because) wire changes direction;</p>	<p>allow 'an alternating current / a.c. is produced'</p>	3
(ii)	<p>any four from:</p> <p>MP1. ammeter reading / current is greater (than before);</p> <p>MP2. because wire moving quicker;</p> <p>MP3. more field lines cut (per second);</p> <p>MP4. gives a larger induced voltage;</p> <p>MP5. frequency of alternating current increases;</p>	<p>allow idea that direction of current changes more frequently</p>	4

Total for Question 8 = 9 marks