Question number	Answer		Mark
11	- Use of $F = BIl$ - Use of moment $= Fx$ - Applies component $= F\cos20°$ or $F\sin70°$ - Moments $= 7.9 \times 10^{-3}$ N m Example of equation $F = 0.07$ T $\times 6.9$ A $\times 0.05$ m $\times 10$ $= 0.24$ N Moment $= 2 \times 0.24$ N $\times \sin70° \times (0.035$ m$)/2$ $= 7.9 \times 10^{-3}$ N m	1 1 1 1 **(4)**	
	Total for question 11		4