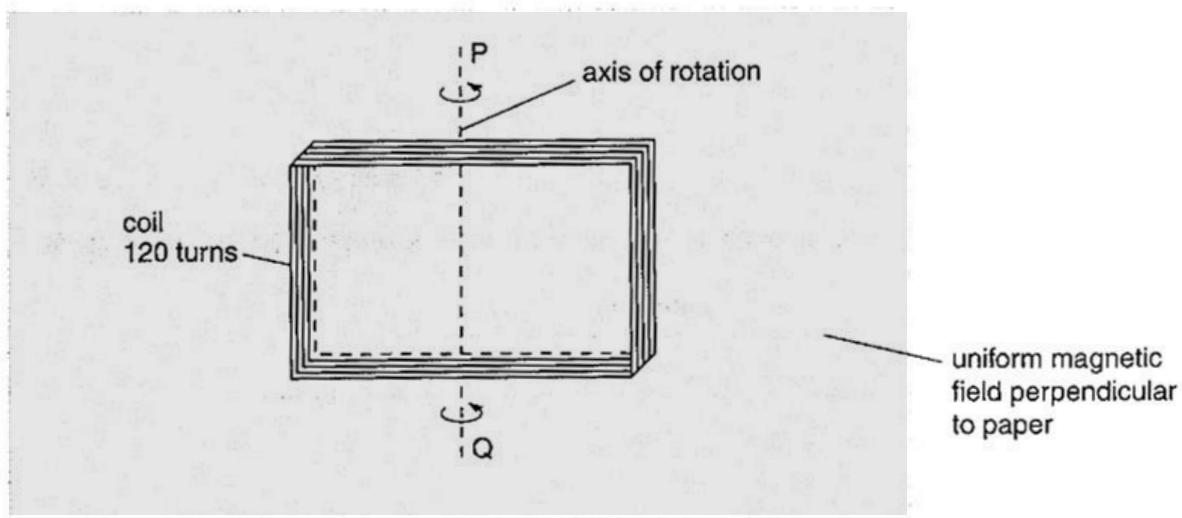


- 26 The coil in a generator is situated in a uniform magnetic field, as shown.



The coil of area  $A$  is rotated about the axis PQ with an angular speed  $\omega$ .

Which of the following changes to  $A$  and  $\omega$  increases the electromotive force (e.m.f.) in the coil?

	$A$	$\omega$
<b>A</b>	increase	increase
<b>B</b>	increase	decrease
<b>C</b>	decrease	increase
<b>D</b>	decrease	decrease

