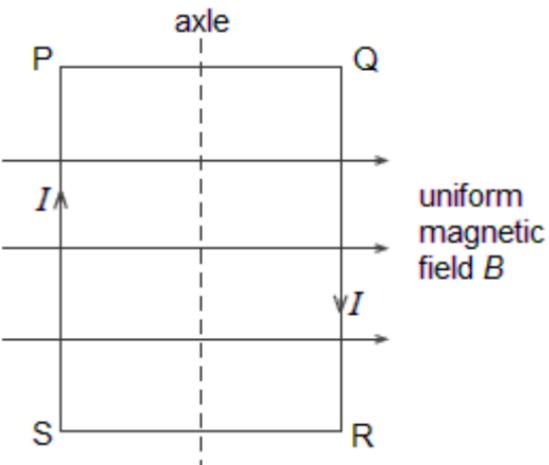


25 A coil, mounted on an axle, has its plane parallel to the flux lines of a uniform magnetic field B , as shown.



When a current I is switched on, and before the coil is allowed to move,

- A there are no forces due to B on the sides PQ and RS.
- B there are no forces due to B on the sides SP and QR.
- C sides SP and QR attract each other.
- D sides PQ and RS attract each other.