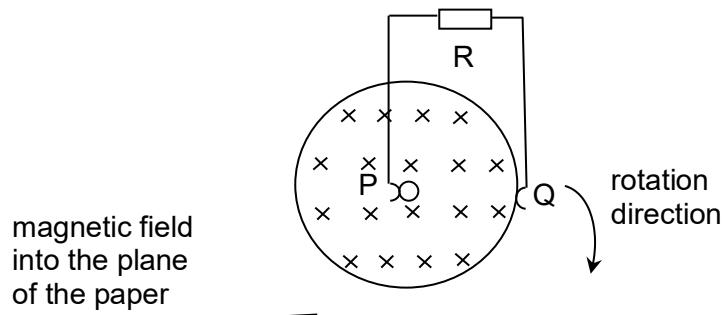


- 26** In the following figure, a copper disc rotates uniformly between the pole-pieces of a magnet (not shown in figure) in a clockwise direction. P and Q are metallic brushes making contact with the axle and the edge of the disc respectively. R is a resistor connected between P and Q.



Which statement is correct?

- A** No current flows through R because P and Q are at the same horizontal level.
- B** No current flows through R because the disc is rotating uniformly.
- C** A steady current flow from P, through R, to Q.
- D** Q is at a higher potential compared to P.