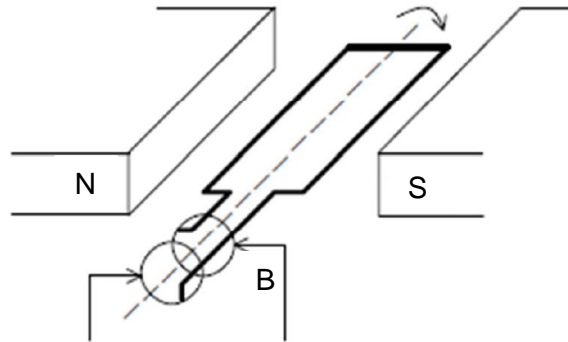


- 24** A simple electric generator is shown below. A single coil is rotated as indicated between magnetic poles N and S. Electrical contact between coil and external circuit is maintained through brushes B touching the rings.



At the instant when the rotating coil is oriented as shown, the output of the generator

- A** has its maximum value.
- B** reverses its direction.
- C** has the same value as in any other orientation of the coil.
- D** is zero.