

- 26** A rectangle coil of 800 turns has an area of 0.050 m^2 . It is placed at right angles to a magnetic field of flux density $4.0 \times 10^{-5} \text{ T}$. It is then rotated through 180° in 0.20 s . The average emf induced in the coil is

A 0.000 V

B 0.016 V

C 0.025 V

D 0.046 V