26 In an experiment to measure the strength of the Earth's magnetic field, a student makes a square coil of wire that measures 20 m by 20 m. The coil consists of 10 turns and rests horizontally on the ground.

The vertical component of the Earth's flux density is 2.1×10^{-5} T.

What is the magnetic flux linkage enclosed by the coil?

A 8.4×10^{-3} T m^{-2}

B 8.4×10^{-3} T m^{2}

C 8.4×10^{-2} T m^{-2}

D 8.4×10^{-2} T m^{2}