32 The magnetic flux produced by a coil is 0.34 Wb. Another coil, of 2000 turns, is wound on top of the first coil.

What is the p.d. across the ends of the 2000 turn coil when the flux in the first coil is reduced uniformly to zero in a time of 0.24 s?

**A**   160 V          **B**   1400 V          **C**   2800 V          **D**   25 000 V