

25 A flat circular coil of 120 turns, each of area 0.070 m^2 , is placed with its axis parallel to a uniform magnetic field. The flux density of the field is changed steadily from 80 mT to 20 mT over a period of 4.0 s .

What is the e.m.f. induced in the coil during this time?

A 0 mV

B 1.1 mV

C 130 mV

D 500 mV

26 The figure below shows a varying voltage