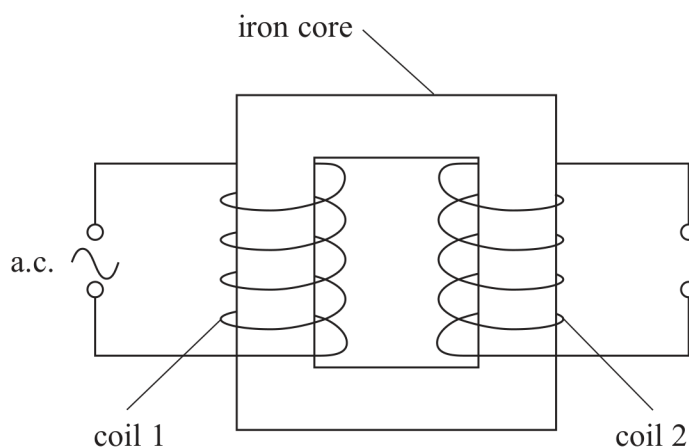
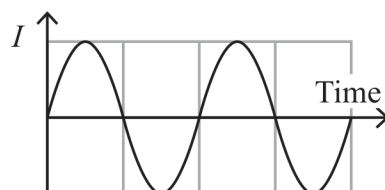


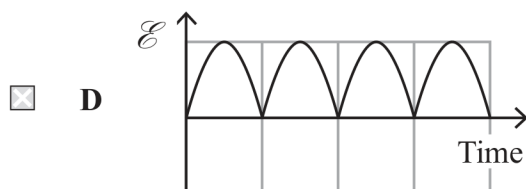
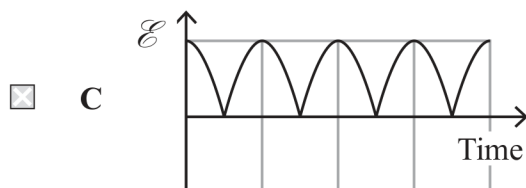
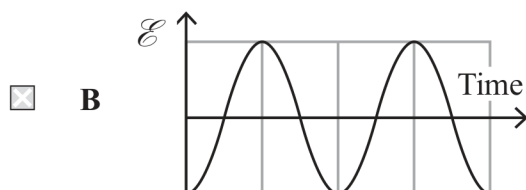
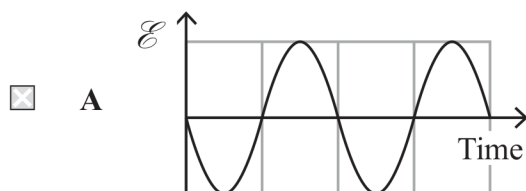
10 Two coils are linked by an iron core as shown. Coil 1 carries an alternating current I .



The graph shows the variation of I with time for two complete cycles.



Which of the following graphs gives the corresponding induced e.m.f. \mathcal{E} across coil 2?



(Total for Question 10 = 1 mark)