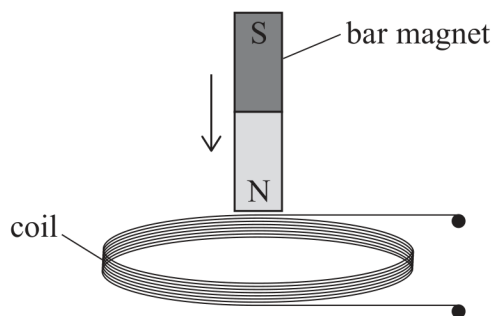
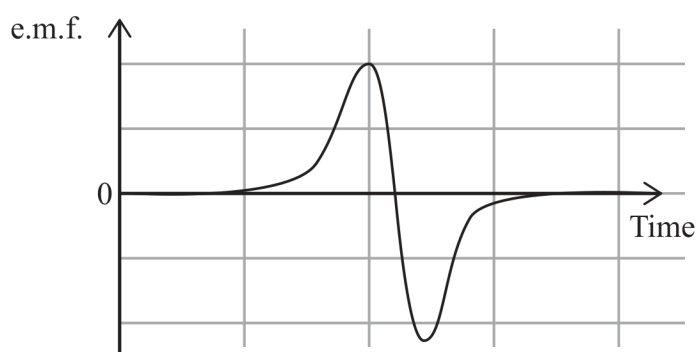


*16 A bar magnet was dropped vertically through a small coil, as shown.



The coil was attached to a data logger. The data logger recorded the variation of e.m.f. across the coil with time.

The output from the data logger is shown below.



DO NOT WRITE IN THIS AREA

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Explain the variation of e.m.f. with time.

(Total for Question 16 = 6 marks)