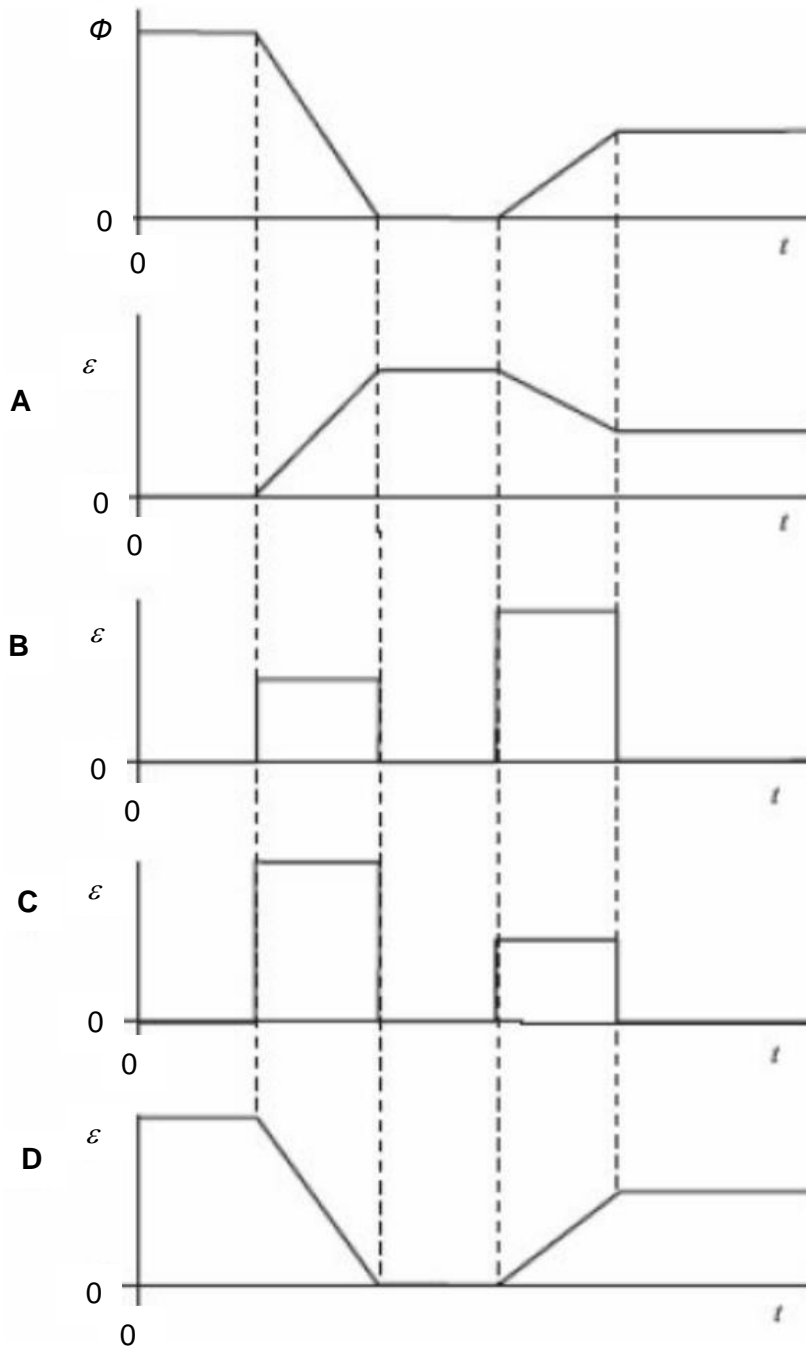


- 26** The magnetic flux,  $\Phi$ , through a coil varies with time,  $t$ , as shown by the first graph. Which one of the following graphs, best represents how the magnitude of the induced emf,  $\varepsilon$ , varies in this same period of time?



- 27** The graph shows the variation of the magnetic field with time for a coil of area  $0.10 \text{ m}^2$  and  $10$  turns.