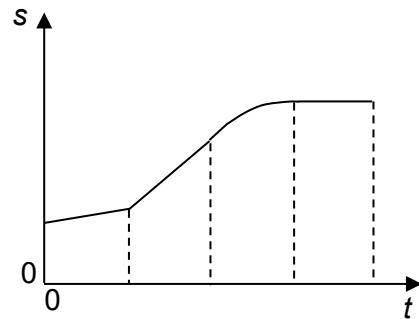
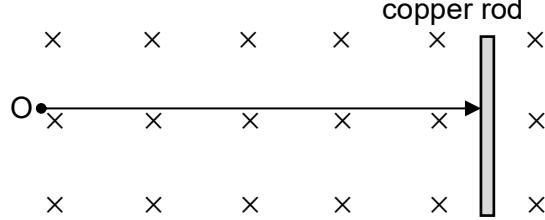


**25**

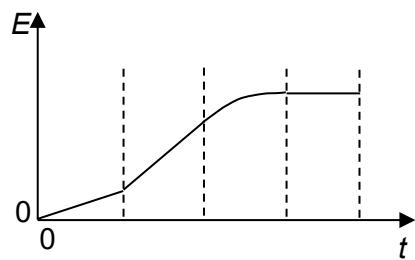
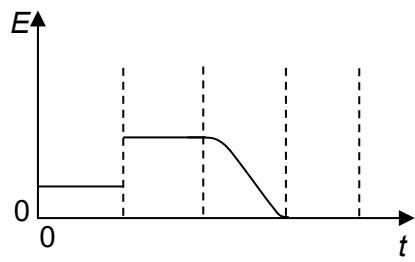
A copper rod is moved at right angles to a uniform magnetic field as shown in the diagram. The graph on the right shows the variation with time  $t$  of the displacement  $s$  of the copper rod from point O.



Which graph best shows the variation with time  $t$  of the e.m.f.  $E$  induced across the rod?

**A**

**B**



C

D

