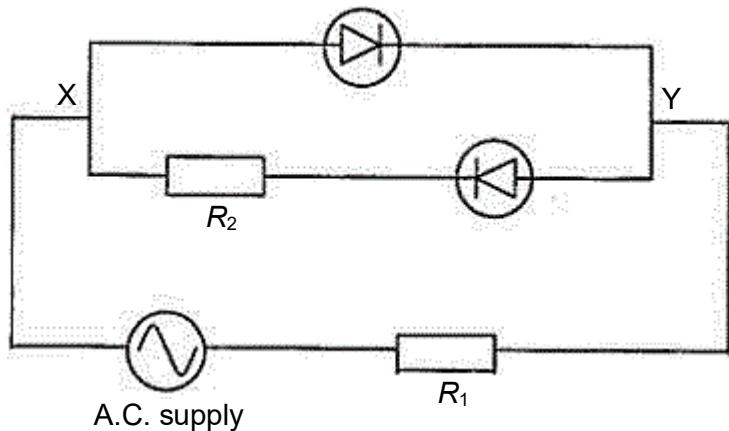
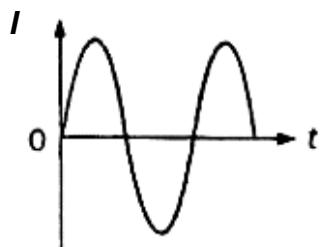


A circuit consists of an A.C. supply, two diodes, and two resistors with resistance  $R_1$  and  $R_2$  respectively.

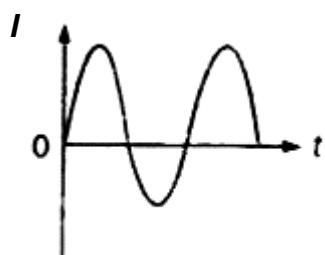


Which of the following graphs below represents the variation of current  $I$  with time  $t$  through  $R_1$  of the circuit in the diagram above?

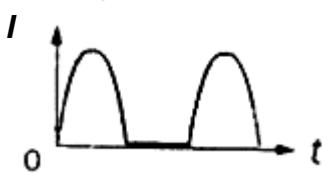
A



B



C



**D**

