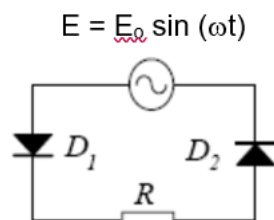
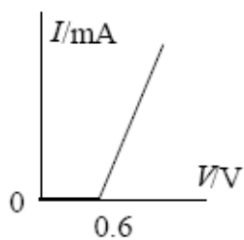


- 26 The circuit below shows the rectification of a sinusoidal a.c. supply using two identical diodes  $D_1$  and  $D_2$ .



Each of the diodes has the  $I$ - $V$  characteristics as shown.



For a current to flow through  $R$ , the value of  $E_0$  must be at least

- A 0.3 V
- B  $0.3\sqrt{2}$  V
- C  $0.6\sqrt{2}$  V
- D  $1.2\sqrt{2}$  V

[Turn over