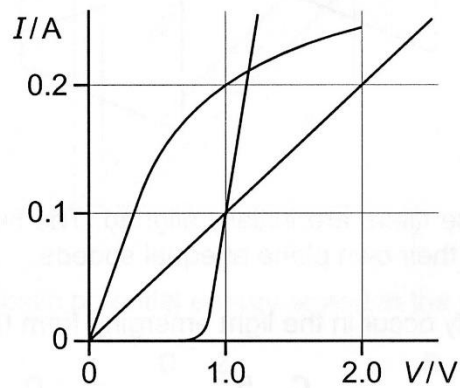


- 22** The graph shows the  $I$ - $V$  characteristics of a diode, a filament lamp and a resistor, plotted on the same axes.



Which statement is correct?

- A** The resistance of the filament lamp is twice that of the resistor at 1.0 V.
- B** The resistance of the diode is constant above 0.8 V.
- C** The resistance of the resistor equals that of the filament lamp when  $V = 0.8$  V.
- D** The resistance of the diode equals that of the filament lamp at about 1.2 V.

