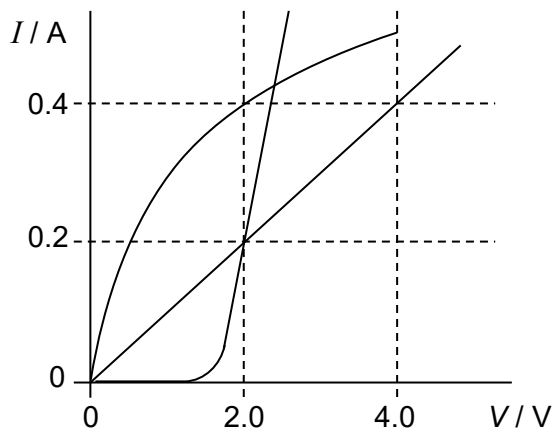


- 19 The graph shows the  $I$ - $V$  characteristics of three electrical components, a diode, a filament lamp and a resistor, plotted on the same axes.



Which statement is correct?

- A** The resistance of the diode is constant above 1.8 V approximately.
- B** The resistance of the lamp is twice that of the resistor at 2.0 V.
- C** The resistance of the lamp is equal to that of the diode at approximately 2.4 V.
- D** All three components have the same resistance at one particular  $V$ .

