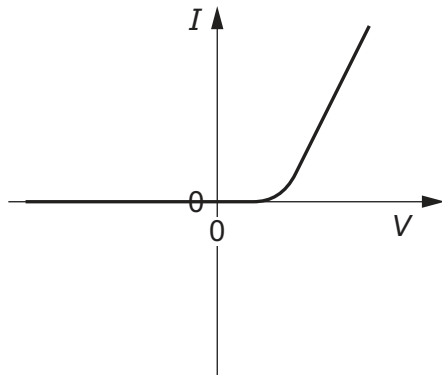


32 The graph shows the I - V characteristic of an electrical component.



What is the component?

- A** a filament lamp
- B** a metallic conductor at constant temperature
- C** a resistor
- D** a semiconductor diode

33 A metal wire of length 1.4 m has a uniform cross-sectional area of $7.8 \times 10^{-7}\text{ m}^2$