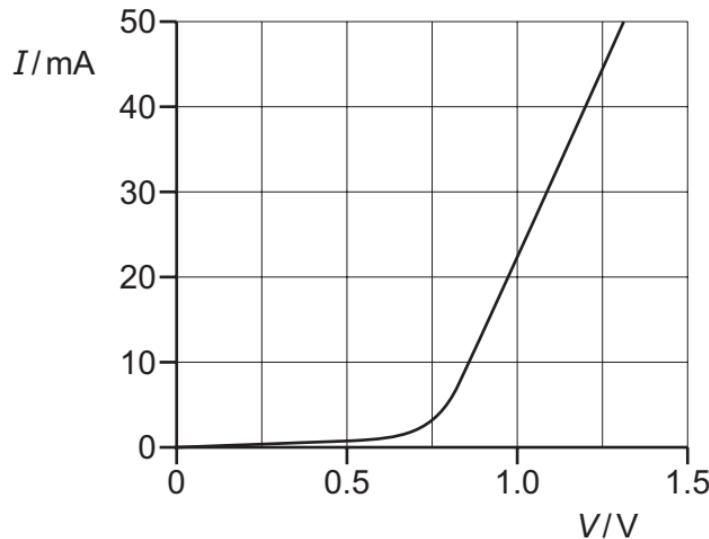
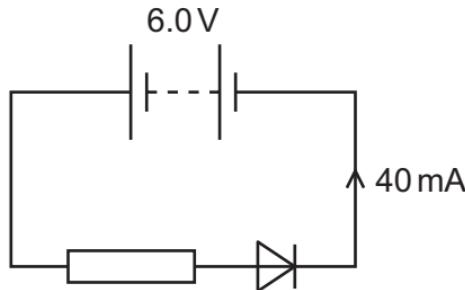


- 34 A fixed resistor and a diode are connected in series to a battery of electromotive force (e.m.f.) 6.0V and negligible internal resistance. The graph shows the variation with potential difference (p.d.) V of the current I for the diode.



The current in the diode is 40 mA.

What is the resistance of the fixed resistor?

A 30Ω

B 120Ω

C 150Ω

D 180Ω