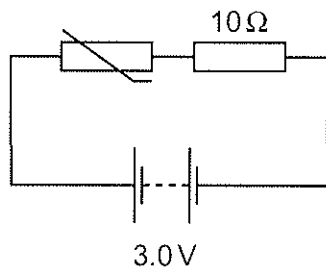
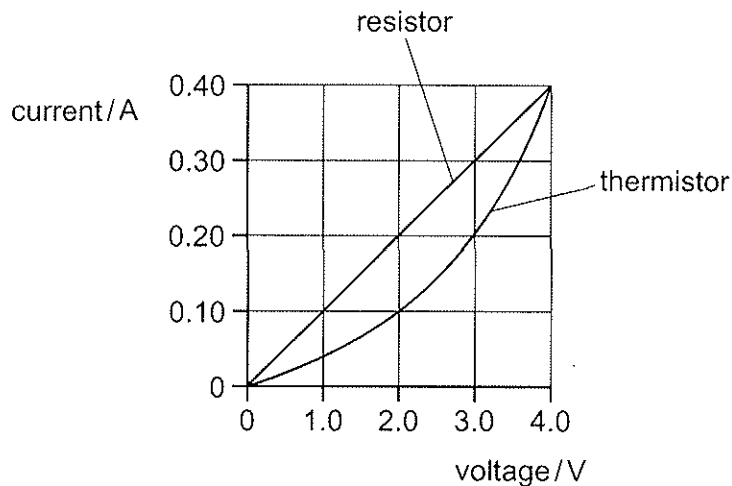


- 32 A  $10\Omega$  resistor and a thermistor are connected in series to a battery of e.m.f.  $3.0\text{ V}$  and negligible internal resistance.



The graph shows the current-voltage characteristics of the resistor and of the thermistor.



What is the current in the circuit?

- A**  $0.10\text{ A}$       **B**  $0.20\text{ A}$       **C**  $0.30\text{ A}$       **D**  $0.40\text{ A}$