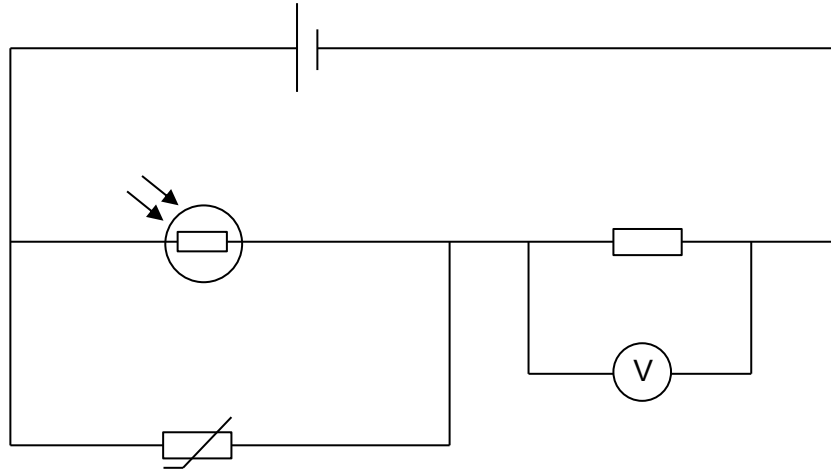


- 20** NTC thermistors and light-dependent resistors (LDR) are often used in circuits which requires resistance to vary according to temperature and light intensity respectively.

Below shows such a circuit.



What conditions will produce the highest reading on the voltmeter?

	brightness	temperature
<b>A</b>	high	low
<b>B</b>	high	high
<b>C</b>	low	low
<b>D</b>	low	high

- 21** An electron is moving with speed  $v$  beside a current carrying wire as shown