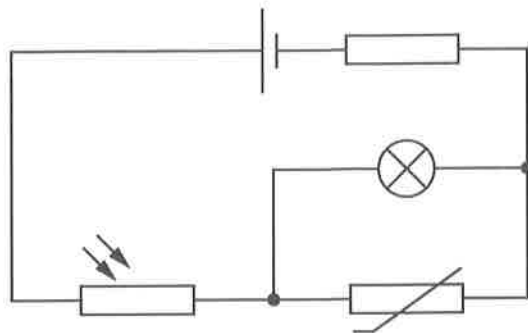


- 23** A filament lamp is connected into an electrical circuit with a negative temperature coefficient (NTC) thermistor and a light-dependent resistor (LDR).



Which pair of changes must cause the filament lamp to glow more brightly?

	light intensity incident on LDR	thermistor temperature
A	decrease	decrease
B	decrease	increase
C	increase	decrease
D	increase	increase

- 24** A vertical circular coil carries a current I , in a clockwise direction. At the centre of the coil is a