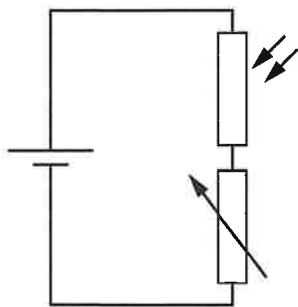


- 22** A light-dependent resistor (LDR) and a variable resistor are connected to a cell of negligible internal resistance.



What happens to the potential differences (p.d.) as the light intensity increases?

- A** The p.d. across the LDR decreases and the p.d. across the variable resistor increases.
- B** The p.d. across the LDR increases and the p.d. across the variable resistor decreases.
- C** The p.d. across the LDR decreases and the p.d. across the variable resistor stays the same.
- D** The p.d. across the LDR increases and the p.d. across the variable resistor stays the same.

