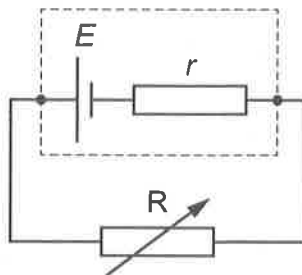


- 22** A cell of electromotive force (e.m.f.) E and internal resistance r is connected to a variable resistor R , as shown.



Initially, the resistance of R is equal to r .

What happens to the current in R and the terminal potential difference (p.d.) across the cell as the resistance of R is increased?

	current in R	terminal p.d.
A	increases	increases
B	decreases	increases
C	increases	decreases
D	decreases	decreases

