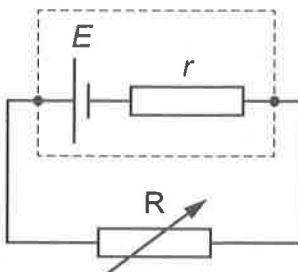


- 22** A cell of electromotive force (e.m.f.)  $E$  and internal resistance  $r$  is connected to a variable resistor  $R$ , as shown.



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

