

21 A cell has internal resistance. What effect does this have on the electromotive force of the cell and its output potential difference when the power it supplies is increased?

	electromotive force	output potential difference
A	none	none
B	none	reduced
C	reduced	none
D	reduced	reduced

22 A 14 V battery is connected in series with a 10 V lamp. The lamp has a resistance of $0.22\text{ }\Omega$ and the battery has an internal resistance of $0.5\text{ }\Omega$.