# SL Paper 1

The overall reaction in the voltaic cell below is:

$$Ni\,(s) + Pb^{2+}\,(aq) \rightarrow Ni^{2+}\,(aq) + Pb\,(s)$$
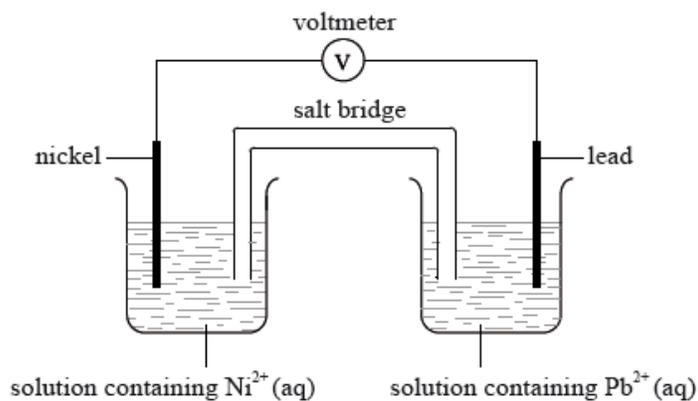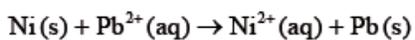
Which statement is correct for the nickel half-cell?

A.   Nickel is the positive electrode (cathode) and is reduced.

B.   Nickel is the negative electrode (anode) and is reduced.

C.   Nickel is the positive electrode (cathode) and is oxidized.

D.   Nickel is the negative electrode (anode) and is oxidized.

Markscheme

D

Examiners report

[N/A]