

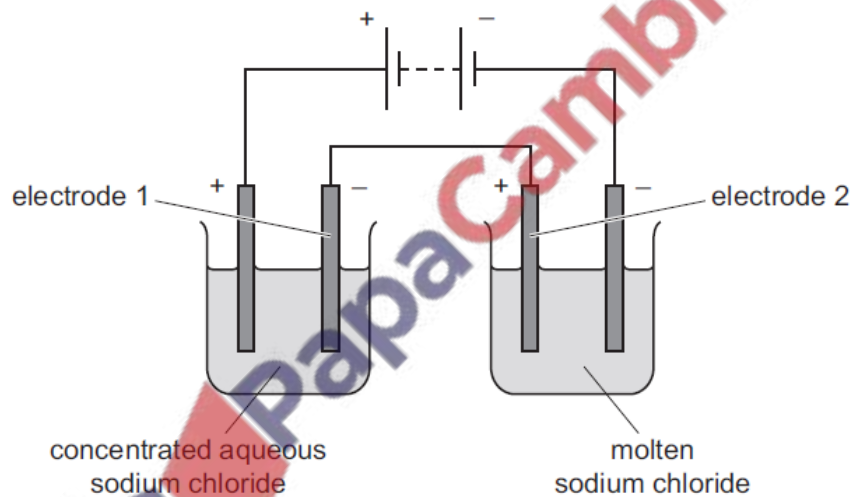
1. Nov/2022/Paper_11/No.10

Which statement about the electrolysis of concentrated aqueous sodium chloride is correct?

- A** Chlorine is produced at the positive electrode.
- B** Hydrogen is produced at the positive electrode.
- C** Oxygen is produced at the negative electrode.
- D** Sodium is produced at the negative electrode.

2. Nov/2022/Paper_12/No.10

The electrolysis of concentrated aqueous sodium chloride and molten sodium chloride is shown.

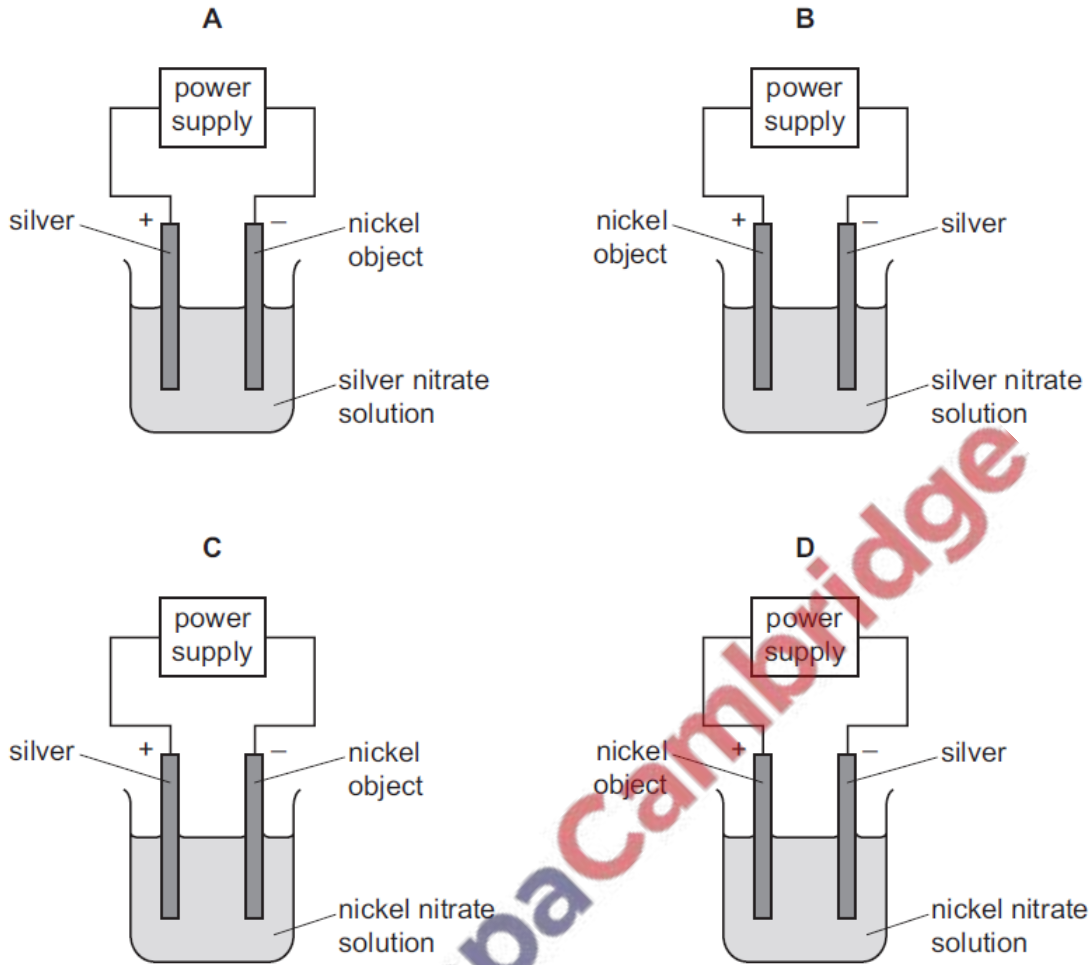


What are the products at electrodes 1 and 2?

	electrode 1	electrode 2
A	chlorine	chlorine
B	hydrogen	chlorine
C	hydrogen	sodium
D	sodium	sodium

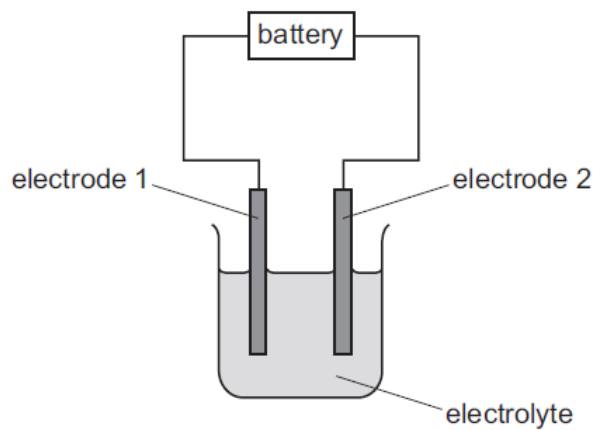
3. Nov/2022/Paper_13,23/No.10

Which apparatus is used to plate a nickel object with silver?



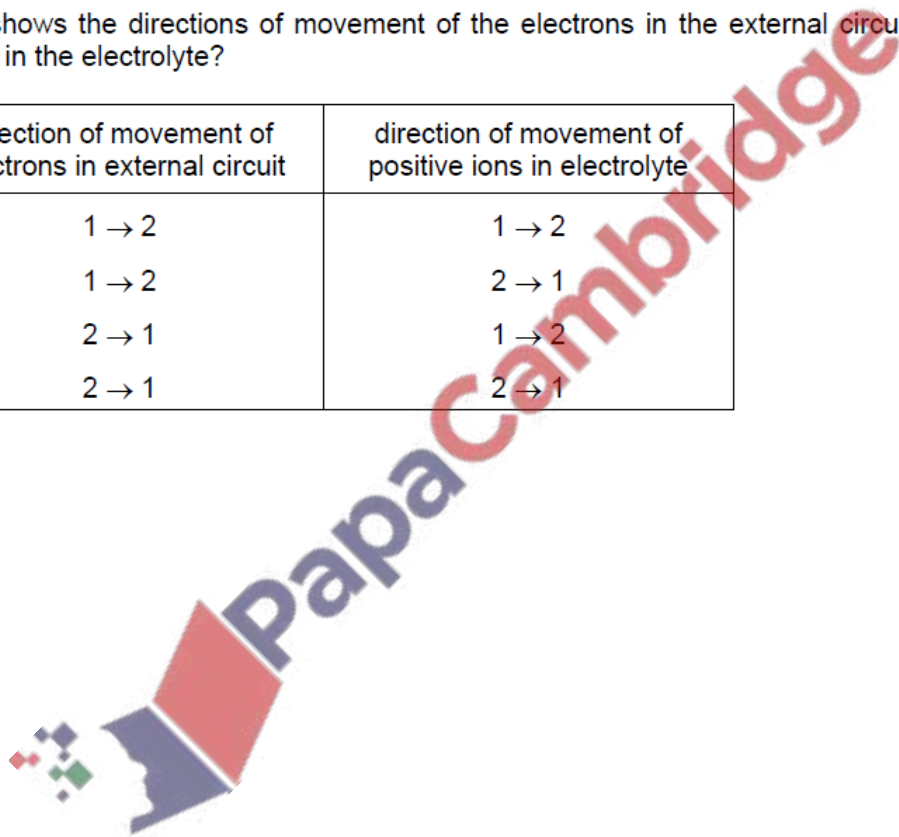
4. Nov/2022/Paper_21/No.10

In the electrolysis diagram, oxidation is occurring at electrode 1 and reduction at electrode 2.



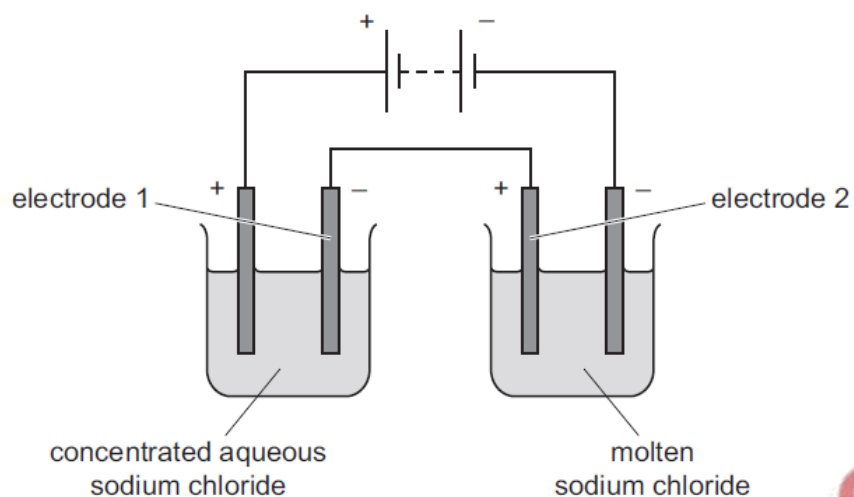
Which row shows the directions of movement of the electrons in the external circuit and of the positive ions in the electrolyte?

	direction of movement of electrons in external circuit	direction of movement of positive ions in electrolyte
A	1 → 2	1 → 2
B	1 → 2	2 → 1
C	2 → 1	1 → 2
D	2 → 1	2 → 1



5. Nov/2022/Paper_22/No.10

The electrolysis of concentrated aqueous sodium chloride and molten sodium chloride is shown.



What are the products at electrodes 1 and 2?

	electrode 1	electrode 2
A	chlorine	chlorine
B	hydrogen	chlorine
C	hydrogen	sodium
D	sodium	sodium

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