PRINCE EDWARD ISLAND CHEMISTRY 12 · UNIT D · 10 QUESTIONS

Electrochemistry — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A cell with cathode potential 0.15 volts and anode potential -0.44 volts has cell potential in volts**

ANSWER _____

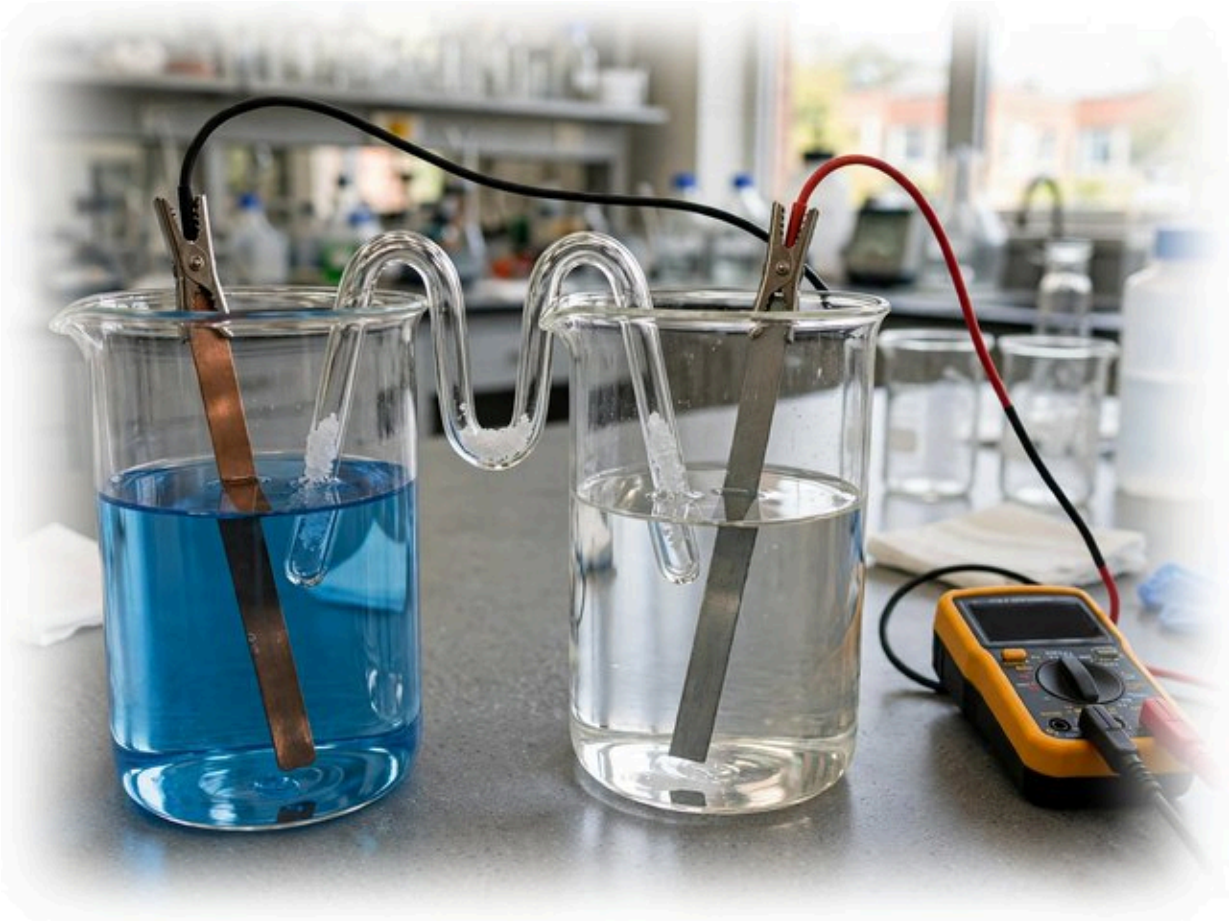
Understand It with Pulse | Flag a mistake

2 **An electrolytic cell runs at 3 amperes for 50 seconds. The charge in coulombs is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A galvanic cell produces 1.5 volts and a current of 2 amperes. The power in watts is**



ANSWER

Understand It with Pulse | Flag a mistake

4 **Sodium in sodium ion has oxidation number**

ANSWER

Understand It with Pulse | Flag a mistake

5 **Chlorine in chloride ion has oxidation number**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A cell potential of 0.5 volts for a reaction with 1 electron transferred gives a charge per mole of reaction in coulombs, using 96500 coulombs per mole, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A cell with cathode potential 0.60 volts and anode potential 0.10 volts has cell potential in volts**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **An electrolytic cell runs at 4 amperes for 25 seconds. The charge in coulombs is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Zinc in zinc 2 plus ion has oxidation number**



ANSWER

Understand It with Pulse | Flag a mistake

10 **Oxygen in oxide ion has oxidation number**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 0.59
2. 150
3. 3
4. 1
5. -1
6. 96500
7. 0.5
8. 100
9. 2
10. -2

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