NEWFOUNDLAND AND LABRADOR CHEMISTRY 3202 · UNIT D · 5 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 current of 4 amperes flows for 250 seconds. The charge in coulombs is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In a galvanic cell, reduction occurs at the**

A. anode

B. salt bridge

C. wire only

D. cathode

Understand It with Pulse | Flag a mistake

3 **In an electrolytic cell, electrical energy is used to drive a**

A spontaneous reaction

B neutralization

C nonspontaneous reaction

D precipitation only

Understand It with Pulse | Flag a mistake

4 **Hofmann voltameter water electrolysis apparatus on a laboratory bench: glass tubes filled with clear liquid with small gas bubbles rising from two electrodes, wires connected to a battery, bright daylight, no people, no text. In the electrolysis of water, hydrogen gas forms at the**



A anode

B cathode

C salt bridge

D battery only

Understand It with Pulse | Flag a mistake

5 **A current of 2 amperes flows for 300 seconds. The charge in coulombs is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 1000
2. D
3. C
4. B
5. 600

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