

21

ELECTROCHEMISTRY

Study Guide

A. Matching

Match each term in Column B to the correct description in Column A.

Column A

Column B

- H
D
G
E
1. a conductor in a circuit that carries electrons to or from a substance other than a metal
 2. one part of a voltaic cell, in which either oxidation or reduction occurs
 3. a voltaic cell in which the electrolyte is a paste
 4. the electrode at which reduction occurs
 5. a voltaic cell in which a fuel undergoes oxidation and from which electrical energy is obtained continuously
 6. an electrochemical cell that is used to convert chemical energy into electrical energy
 7. a tube containing a conducting solution
 8. a group of cells that are connected together
 9. the process in which electrical energy is used to bring about a chemical change
 10. the electrode at which oxidation occurs

1. anode
1. electrode
1. cathode
1. dry cell
1. battery
1. electrolysis
1. voltaic cell
1. half-cell
1. salt bridge
1. fuel cell

B. Multiple Choice

Choose the best answer and write its letter on the line.

- D
11. In the electrolysis of brine, the substance produced at the cathode is
 - a. chlorine
 - b. oxygen
 - c. sodium
 - d. hydrogen
 12. Which of the following describes a dry cell?
 - a. It can be recharged many times.
 - b. The graphite rod does not undergo reduction, even though it is the cathode.
 - c. It contains concentrated sulfuric acid.
 - d. all of the above

Matter And Change Electrochemistry Study Guide Answer

JE Gale



Matter And Change Electrochemistry Study Guide Answer:

Unveiling the Energy of Verbal Beauty: An Emotional Sojourn through **Matter And Change Electrochemistry Study Guide Answer**

In a world inundated with displays and the cacophony of instantaneous conversation, the profound energy and psychological resonance of verbal beauty often fade in to obscurity, eclipsed by the regular onslaught of noise and distractions. However, nestled within the lyrical pages of **Matter And Change Electrochemistry Study Guide Answer**, a fascinating work of literary brilliance that pulses with organic emotions, lies an unique trip waiting to be embarked upon. Written with a virtuoso wordsmith, that mesmerizing opus instructions readers on an emotional odyssey, lightly revealing the latent possible and profound influence stuck within the complicated internet of language. Within the heart-wrenching expanse of this evocative analysis, we can embark upon an introspective exploration of the book is main styles, dissect their fascinating publishing model, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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