

Physical Science Comprehensive Final Exam Study Guide

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- ____ 1. The process of learning more about the natural world is _____.
 - a. an experiment
 - b. a control
 - c. a hypothesis
 - d. science
- ____ 2. Experiments and investigations must be _____.
 - a. approved
 - b. unreplicable
 - c. repeatable
 - d. accepted
- ____ 3. A prediction about a problem that can be tested is a(n) _____.
 - a. hypothesis
 - b. independent variable
 - c. dependent variable
 - d. control
- ____ 4. A variable in an experiment that stays the same is a(n) _____.
 - a. independent variable
 - b. dependent variable
 - c. constant
 - d. control
- ____ 5. Science cannot answer questions about _____.
 - a. distance
 - b. temperature
 - c. politics
 - d. the natural world
- ____ 6. Models can be used to describe which of the following environments?
 - a. the floor of the ocean
 - b. volcanoes
 - c. space
 - d. all of the above
- ____ 7. Scientific _____ must be supported by observations and results from many investigations and are not absolute.
 - a. constants
 - b. theories
 - c. systems
 - d. laws
- ____ 8. Another term for technology is _____.
 - a. applied science
 - b. controlled experiment
 - c. comparison
 - d. sequence
- ____ 9. When designing an experiment, the first step is to _____.
 - a. draw conclusions
 - b. form a hypothesis
 - c. recognize a problem
 - d. test a hypothesis
- ____ 10. When conducting an experiment, the last step is to _____.
 - a. analyze the data
 - b. draw conclusions
 - c. form a hypothesis
 - d. recognize a problem
- ____ 11. To evaluate the observations you make, you must use _____.
 - a. a hypothesis
 - b. critical thinking
 - c. measurements
 - d. models
- ____ 12. Scientists must be impartial and not base their conclusions on _____.
 - a. opinions
 - b. evidence
 - c. models
 - d. experiments
- ____ 13. To _____ means to draw a conclusion based on something you observe.
 - a. guess
 - b. control
 - c. model
 - d. infer
- ____ 14. In which of the following situations would it NOT be wise to estimate?
 - a. the number of miles per gallon an automobile can provide
 - b. the time it would take to walk to the grocery store from home

Physical Science Study Guide Light And Sound

Rachel Sandford



Physical Science Study Guide Light And Sound:

Reviewing **Physical Science Study Guide Light And Sound**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Physical Science Study Guide Light And Sound**," an enthralling opus penned by a very acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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