

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. unreproducible
 - 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

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Lingsheng Yao



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Eisenbeis, Caroline Miller, Jesse Shetler, 2021-10-12 The MCAT The Medical College Admission Test MCAT is a standardized multiple choice examination designed to assess the examinee s problem solving critical thinking and knowledge of science concepts and principles prerequisite to the study of medicine Scores are reported in Physical Sciences Verbal Reasoning and Biological Sciences Study guide covers AAMC Association of American Medical Colleges content Physical Sciences Biological Sciences Verbal Reasoning Mathematics Concepts The Cell Chromosomes Reproduction Implantation Microorganisms Biochemistry Human Physiology The Heart The Lymphatic System GI Tract Musculoskeletal System Kidney Hormones Nerves Skin Genetics Populations and Evolution Elements Hund s Rule and Radiation The Periodic Table Covalent Bonds Molecular Shapes General Chemistry Kinetic Molecular Theory Phase Change Solutions Oxidation Numbers Entropy Acids and Bases Galvanic and Electrolytic Cells Carbon Stereochemistry Alkanes and Alkenes Hydrogen Bonding Alcohols Phenols

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Social Engineering - CTEVT Edition: Nepal C N Shankar Rao, This book has been specifically developed according to the syllabus prescribed by Council for Technical Education and Vocational Nepal for all Engineering students The book has been developed in view of the recent development of the subject This book gives a simple but systematic introduction and explanation to all the 6 chapters Topics like introduction to sociology social study and social science economy condition of Nepal social and cultural change introduction of social development and services concept of social survey and Ethics and Moral are covered as per the requirements of the syllabus I have taken sufficient care to be simple lucid and precise in my explanation of the topics so that it becomes student friendly

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Report of the Public Schools of the State of Missouri Missouri. Department of Education, 1911 **Annual Report of the Public Schools** British Columbia. Dept. of Education, 1916

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