

Test:

Thursday Nov 7th



Energy Study Guide

Name: _____

Date: _____

SCORE: _____

- 1.) _____ What is energy?
 - a. The ability to do work or cause change
 - b. Anything that has mass and takes up space
 - c. Substances bonded together
 - d. Both a and b
- 2.) _____ What is potential energy?
 - a. Energy of motion
 - b. energy of change
 - c. Energy of mass
 - d. stored energy
- 3.) _____ What type of potential energy does a stretched rubber band have?
 - a. Mechanical kinetic energy
 - b. Chemical Potential Energy
 - c. Elastic Potential Energy
 - d. Electromagnetic Energy
- 4.) _____ Which of the following is a type of potential energy that a marshmallow has if the marshmallow is sitting in the bag on the shelf and not moving, and not cooking?
 - a. Chemical Potential Energy
 - b. Electromagnetic Energy
 - c. shape
 - d. size
- 5.) _____ What type of potential energy does a person standing on a chair have?
 - a. Mechanical
 - b. gravitational
 - c. Chemical
 - d. Nuclear
- 6.) _____ What is kinetic energy?
 - a. The energy of position, shape, or chemical make up
 - b. The energy of motion
 - c. The energy of distance
 - d. The energy of mass
- 7.) _____ What is the law of conservation of energy?
 - a. Energy is created and destroyed.
 - b. Energy is created but not destroyed.
 - c. energy is not created but is destroyed
 - d. energy is neither created nor destroyed
- 8.) _____ As the sky divers fall the _____ energy is converted into _____.
 - a. Kinetic energy, potential energy
 - b. Sound energy, mechanical energy
 - c. potential energy, kinetic energy
 - d. heat energy, sound energy
- 9.) _____ Which best describes the transformation of energy after a person eats the hot dog?
 - a. The chemical energy from the hot dog is converted into mechanical and heat
 - b. The kinetic energy of the hot dog is converted into potential energy
 - c. The sound energy of the hotdog is converted into mechanical energy
 - d. The mechanical energy of the hot dog is converted into sound energy
- 10.) _____ A cowboy and his horse are standing on a cliff watching the sun set. What type of kinetic energy does the sun represent?
 - a. GPE
 - b. CPE
 - c. KE
 - d. EPE

Energy Study Guide

JR Anderson



Energy Study Guide:

A Student Guide to Energy John F. Mongillo, 2011-05-04 This multivolume resource is an excellent research tool for developing a working knowledge of basic energy concepts and topics. With energy issues so much in the news, it is important that students get a clear understanding of how energy is produced and how it affects virtually every aspect of our lives. The multivolume set *A Student Guide to Energy* does just that with an accessible introduction to the basic concepts and key topics concerning nonrenewable energy sources, future renewable energy programs, and the importance of achieving a sustainable energy program for future generations. *A Student Guide to Energy* is divided into five separate volumes. Volume 1 highlights our present dependence on nonrenewable energy sources: oil, gas, coal, and nuclear power. Volumes 2, 3, and 4 look at the renewable energy sources that will play a vital role in our future, including solar energy, hydrogen fuel cells, wind, and water power, and geothermal energy. The concluding volume focuses on efforts to develop a global sustainable energy system that encompasses energy efficiency, conservation, and a healthy, cleaner environment. **LEED Professional Accreditation**

Study Guide and Practice Exam U.S. Green Building Council, Colorado Chapter, 2007 **Matter and Energy**, 2005

General, Organic, and Biochemistry Study Guide Marcia L. Gillette, Ira Blei, Wendy Gloffke, George Odian, 2006-01-27 This study guide provides reader-friendly reinforcement of the concepts covered in the textbook. Features include Chapter outlines, Are you able to? Worked text problems, Fill ins, Test yourself, Concept maps. Can also be used for Blei and Odian's Organic and Biochemistry. *Fundamentals of Lighting* Susan M. Winchip, 2017-01-12

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Education, 1985 Serves as an index to Eric reports, microform. **Qatar Energy Policy, Laws and Regulation Handbook Volume 1 Strategic Information and Basic Laws** IBP, Inc., 2018-01-29

Qatar Energy Policy, Laws and Regulations Handbook Strategic Information Policy Regulations **Photovoltaic Energy Program Contract Summary**, 2001

Energy Research Abstracts, 1993 , Congo Republic Energy Policy, Laws and Regulations Handbook - Strategic Information and Basic Laws IBP, Inc., 2017-11-22 Congo Energy Policy, Laws and Regulations Handbook Strategic Information

Policy Regulations Environmental Science Michael L. McKinney, Robert M. Schoch, Logan Yonavjak, 2012 Updated with the latest data from the field Environmental Science Systems and Solutions Fifth Edition explains the concepts and teaches the skills needed to understand multi faceted and often very complex environmental issues The authors present the arguments rebuttals evidence and counterevidence from many sides of the debate The Fifth Edition includes new Science in Action boxes which feature cutting edge case studies and essays contributed by subject matter experts that highlight recent and ongoing research within environmental science With an Earth as a system approach the text continues to emphasize Earth s intricate web of interactions among the biosphere atmosphere hydrosphere and lithosphere and how we are central components in these four spheres This flexible unbiased approach highlights 1 how matter cycles over time through Earth s systems 2 the importance of the input throughput output processes that describe the global environment 3 how human activities and consumption modify Earth s systems 4 and the scientific economic and policy solutions to environmental problems Revised and updated to reflect current trends and statistics within Environmental Science New content on renewable energy solar panels and compact fluorescent light bulbs The latest information on Hydropower and the advantages and disadvantages of hydroelectric energy The companion website includes robust learning tools that enable students to make full use of today s learning technology Students will find practice quizzes virtual flashcards answers to in text questions and links to additional coverage regarding material discussed in the text Instructor Resources include an instructor s manual Test Bank PowerPoint Lecture Outline Slides and a PowerPoint Image Bank **Tanzania Energy Policy, Laws and Regulations Handbook Volume 1 Strategic Information and Regulations** IBP, Inc., 2013-08 2011 Updated Reprint Updated Annually Tanzania Energy Policy Laws and Regulation Handbook **Benin Energy Policy, Laws and Regulations Handbook Volume 1 Strategic Information and Regulations** IBP, Inc., 2008-03-03 Benin Energy Policy Laws and Regulation Handbook **Dominican Republic Energy Policy Laws and Regulations Handbook Volume 1 Strategic Information and Basic Regulations** IBP, Inc., 2014-10-02 2011 Updated Reprint Updated Annually Dominican Republic Energy Policy Laws and Regulation Handbook **Angola Energy Policy, Laws and Regulations Handbook Volume 1 Strategic Information and Basic Laws** IBP, Inc., 2017-05-18 Angola Energy Policy Laws and Regulations Handbook Strategic Information Policy Regulations

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