

Name: Michaela Huber

Date: _____

Class: Physical Science

Physical Science Chapter 10 Quiz: Thermal Energy and Heat

Multiple Choice

1. Two basketballs colliding is an example of heat. ☐ a. always ☐ b. never ☐ c. always ☐ d. never
2. Energy added to a system ☐ a. always results in a temperature increase ☐ b. always leads to a change in mass ☐ c. is conserved ☐ d. increases the kinetic energy of the system.
3. When a definite quantity of heat is added to an object, ☐ a. no change in heat can be shown ☐ b. no change in heat can be shown ☐ c. the object is said to absorb heat ☐ d. the object is said to emit heat.
4. A heat engine transforms thermal energy mainly by ☐ a. conduction ☐ b. convection ☐ c. radiation ☐ d. expansion.
5. Convectional cells form as ☐ a. radiation ☐ b. conduction ☐ c. convection ☐ d. expansion.
6. Why does liquid rise in a thermometer? ☐ a. conduction ☐ b. convection ☐ c. radiation ☐ d. expansion.
7. Which instrument is NOT used to measure heat? ☐ a. J.K. calorimeter ☐ b. heat engine ☐ c. thermistor ☐ d. thermocouple.
8. Which of the following is a thermal conductor? ☐ a. aluminum ☐ b. air ☐ c. wood ☐ d. metal

Physical Science Chapter 16 Test

**New Jersey. Department of Public
Instruction**



Physical Science Chapter 16 Test:

Teaching of physical science Swati Tyagi, 2024-04-29 The book titled teaching of Physical Science is a complete text cum reference book for all the science pupil teachers who are pursuing their B Ed in any teacher training institutes This book includes all the latest prescribed contents It highlights the methodologies strategies and techniques for teaching physical sciences It focuses on the main points for preparing lesson plans and micro lesson plans A sufficient emphasis has been given to the pedagogical analysis with various examples It also includes the latest concept of NEP 2020 including holistic development and experiential learning This book also covers the latest blended learning teaching strategy and online learning that had been prevalent during COVID time If any suggestion for the improvement of the contents will be appreciated Feedback about the book can be given on st18tyagi gmail com

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Physical science Jay M. Pasachoff, LeVon Balzer, Phyllis L. Goodson, Ann Collins, 1983 *ASVAB STUDY GUIDE &*

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Holt Physical Science Mapi M. Cuevas, 1994

The Philosophy of Physical Science Sir Arthur Eddington, 2021-03-17 It is often said that there is no philosophy of science but only the philosophies of certain scientists But in so far as we recognize an authoritative body of opinion which decides what is and what is not accepted as present day physics there is an ascertainable present day philosophy of physical science It is the philosophy to which those who follow the accepted practice of science stand committed by their practice This book contains the substance of the course of lectures which the author Eddington delivered as Turner Lecturer of Trinity College Cambridge in the Easter Term 1938 The lectures have afforded him an opportunity of developing more fully than in his earlier books the principles of philosophic thought

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