

# HEAT TRANSFER

**Choose the correct option:**

**Q.1** When thermal energy moves, its called \_\_\_\_\_:

- a. Temperature
- b. Heat
- c. Warmth
- d. Thermometer

**Q.3** The process in which heat flows from objects with higher temperature to objects with lower temperature is:

- a. Conduction
- b. Convection
- c. Radiation
- d. All of the above

**Q.5** Substances that conduct heat easily are known as \_\_\_\_\_.

- a. insulators
- b. conductors
- c. molecules
- d. compounds

**Q.2** Heat always moves from:

- a. hot object to cold object
- b. cold object to hot object
- c. hot object to hot object
- d. cold object to cold object

**Q.4** How many modes of heat transfer are there?

- a. 1
- b. 2
- c. 3
- d. 4

**Q.6** What is an insulator?

- a. A material that allows heat to flow through it easily.
- b. A material that doesn't allow heat to flow through it easily.
- c. A metal
- d. A material that can generate heat.

**Mark as True or False:**

- 1. Thermal energy is present in every object.
- 2. Radiation does not require any medium.
- 3. Convection cannot happen in solids.
- 4. The molecules in an object speed up when the object gets cooler.

# Answer Pearson Guided Thermal Energy

**Ying-Ying Zheng**



## Answer Pearson Guided Thermal Energy:

**The Pearson Guide To Objective Physics For The Iit-Jee, 2/E** Dudeja, 2009-09      The Pearson Guide to Objective Physics for the IIT-JEE 2012: (All India Engineering Entrance Examination) ,      The Pearson Guide To Objective Physics For The Iit-Jee 2011 Srivastava M. K., 2011-09      *The Pearson Guide to Objective Physics for Medical Entrance Examinations Volume 2* , 2009      Workshop Physics Activity Guide Module 3 Priscilla W. Laws, David P. Jackson, Brett J. Pearson, 2024-03-06 The Workshop Physics Activity Guide is a set of student workbooks designed to serve as the foundation for a two semester calculus based introductory physics course It consists of four Modules with a total of 28 units that interweave text materials with activities that include prediction qualitative observation explanation equation derivation mathematical modeling quantitative experiments and problem solving The modules help students understand the basis of knowledge in physics as interplay between observations experiments definitions and mathematical theory The inquiry based activities in the modules give students the opportunity to work collaboratively to solve problems while thinking critically to make predictions and observations Students use a powerful set of computer tools to record display and analyze data as well as to develop mathematical models of physical phenomena The design of many of the activities is based on the outcomes of physics education research Module 3 Unit 16 Heat and Temperature Unit 17 Principles of Thermodynamics Unit 18 Thermodynamics Processes and Heat Engines Unit 28 Radioactivity and Radon      *Focus on Physical Science California Edition* Michael J. Padilla, 2007      **Energy Conservation Update** , 1979      *Energy Cogeneration Handbook* George Polimeros, 1981      **Subject Guide to Books in Print** , 1971      **Bibliography and Index of the Geology and Mineral Resources of Washington, 1981-1985** , 1974      *International Aerospace Abstracts* , 1991      **Technical Book Review Index** , 1980      APL Technical Digest , 1977      **British Abstracts** , 1950      **Essentials of Environmental Science** Bernard J. Nebel, G. S. Dhaliwal, Pearson Custom Publishing, S. S. Kukal, 1999-11      *Log Home Guide for Builders & Buyers* , 1984      Geographical Abstracts , 1978      **International Books in Print** , 1997      **San Francisco Bay Technology Resource Guide** , 1993      *Government reports annual index* , 199?

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