**Energy Vocabulary Quiz Name: .**

**1. \_\_\_\_\_\_ Energy A. Energy stored due to position or configuration**

**2. \_\_\_\_\_\_ Kinetic Energy B. Amount of energy remains constant; cannot be created or destroyed**

**3. \_\_\_\_\_\_ Potential Energy C. Energy associated with an object’s motion**

**4. \_\_\_\_\_\_ Thermal Energy D. Total energy of all of the particles in a substance**

**5. \_\_\_\_\_\_ Conservation of Energy E. The ability to perform work or make change**

**6. \_\_\_\_\_\_ Thermal A. Contained in the nucleus of an atom**

**7. \_\_\_\_\_\_ Chemical B. Stored in the chemical bonds between molecules**

**8. \_\_\_\_\_\_ Radiant C. Energy contained in light**

**9. \_\_\_\_\_\_ Electrical D. Increases as temperature increases**

**9. \_\_\_\_\_\_ Nuclear E. Energy carried by electrical current**

**11.­­­\_\_\_\_\_\_ Nonrenewable Resource A. Energy source that is used much faster than it can be replaced**

**12.\_\_\_\_\_\_ Renewable Resource B. Unstable uranium nucleus releases enormous amounts of energy**

**13.\_\_\_\_\_\_ Fossil Fuel C. Radiant energy from the Sun**

**14.\_\_\_\_\_\_ Nuclear Energy D. Coal, natural gas, and oil; requires millions of years to replace**

**15.\_\_\_\_\_\_ Main source of Earth’s energy E. Energy source that is replenished continually from nature**

**16.\_\_\_\_\_\_ Solar Energy A. Photovoltaic systems convert sunlight into electricity**

**17.\_\_\_\_\_\_ Geothermal Energy B. Captures the Earth’s interior heat and converts it into electricity**

**18.\_\_\_\_\_\_ Hydropower Energy C. Turbines convert wind into electricity**

**19.\_\_\_\_\_\_ Wind Energy D. Carbon’s chemical energy converted to electricity; adds to climate change**

**20.\_\_\_\_\_\_ Fossil Fuel Energy E. Potential energy of water behind dams is converted into electricity**

**21.\_\_\_\_\_\_ Temperature A. Movement of thermal energy from higher to lower temperature**

**22.\_\_\_\_\_\_ Thermal Energy B. Amount of heat needed to raise 1kg of a substance by 1◦Kelvin**

**23.\_\_\_\_\_\_ Heat C. Measure of the average kinetic energy of the particles in an object**

**24.\_\_\_\_\_\_ Absolute Zero D. Temperature at which no more energy can be removed**

**25.\_\_\_\_\_\_ Specific Heat E. Depends upon temperature, amount of matter, and particle arrangement**

**26.\_\_\_\_\_\_ Insulator A. Material that does not conduct heat very well (wool, wood)**

**27.\_\_\_\_\_\_ Conductor B. Material that conducts heat readily (metal)**

**28.\_\_\_\_\_\_ Conduction C. Transfer of energy through space by electromagnetic waves**

**29.\_\_\_\_\_\_ Convection D. Transfer of energy through the movement of currents in a fluid**

**30.\_\_\_\_\_\_ Radiation E. Transfer of energy from one particle to another without matter moving**

**Energy Vocabulary Quiz Corrections .**

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