Quiz Question Bank

1. What is a transfer of energy from one object to another due to a difference in temperature called?
   a. Compound
   b. Heat
   c. Mass
   d. Mixture

2. What is the direct transfer of heat from one substance to another substance that is touching called?
   a. Convection
   b. Convection currents
   c. Radiation
   d. Conduction

3. The transfer of heat by the movement of a fluid is called
   a. Radiation
   b. Infrared
   c. Conduction
   d. Convection

4. How do you know when the transfer of heat (thermal energy) has ended?
   a. Both objects reach the same temperature
   b. When you can measure the amount of heat
   c. When the substance that is receiving the heat reaches its boiling point
   d. It never ends

5. Only very hot materials, like lava from a volcano, are capable of transferring thermal energy through the process of radiation
   a. True
   b. False
6. The transfer of thermal energy by the circulation of a liquid or gas is called
   a. Convection
   b. Greenhouse effect
   c. Thermal conduction
   d. Air pressure

7. The three types of heat transfer are radiation, conduction, and convection.
   a. True
   b. False

8. The transfer of thermal energy through a material is called
   a. Convection
   b. Greenhouse effect
   c. Conduction
   d. Radiation

9. An insulator is a material that...
   a. Moves heat easily through the material
   b. Reduces or prevents the transfer of heat
   c. Is flammable and can start fires
   d. Does not exist