ENERGY

SCIENCE EXAM

FIFTH GRADE

Multiply Selection

Choose the correct answer.

1. Is the ability to cause changes in matter:
   a. Energy
   b. Weight
   c. Gravity
2. Are two basic kinds of energy:
   a. Mechanical and chemical energy
   b. Kinetic and potential energy
   c. Thermal and sound energy
3. Is the energy of motion or energy in use:
   a. Chemical energy
   b. potential energy
   c. kinetic energy
4. Is the energy of position or condition:
   a. Potential energy
   b. Kinetic energy
   c. Mechanical energy
5. Are forms of kinetic energy:
   a. Electric and light energy
   b. Mechanical and thermal energy
   c. A and b are correct
6. Is when an object gains or loses electrons:
   a. Electric charge
   b. Electric light
   c. a and b are correct
7. Is a material that conducts electrons easily.
   a. Resistor
   b. Conductor
   c. Insulator
8. Is a material that doesn't carry electrons.
   a. conductor
   b. resistor
   c. Insulator
9. Are materials that resist electric current.
   a. resistor
   b. insulator
   c. conductor
10. is a piece of clear material that bends, or refracts.
    a. retina

b. Lens
c. Optic nerve

11. Are two kinds of lenses.
    a. Simple and compound
    b. Complex,
    c. Convex, concave lens
12. Is the transfer of thermal energy from one substance to another:
    a. Heat
    b. Light
    c. A and b are correct
13. Are ways that thermal energy can be transferred:
    a. Radiation
    b. Conduction, convection
    c. A and b are correct
14. is the direct transfer of thermal energy between objects that touch.
    a. Conduction
    b. Radiation
    c. Convection
15. is the transfer of thermal energy by electromagnetic waves.
    a. Radiation
    b. Convection
    c. Conduction