

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