MATTER

SCIENCE EXAM

NINTH GRADE

Multiply Selection

Choose the correct answer.

1. Is made up of indivisible particles called atoms:
   a. Matter
   b. Weight
   c. Mass
2. Is the smallest portion of an element:
   a. element
   b. atom
   c. molecule
3. Matter according to its origin is classified by:
   a. organic
   b. inorganic
   c. a and b are correct
4. Matter according to its composition is classified:
   a. b and c are correct
   b. pure substances
   c. mixtures
5. Matter according to its physical state is classified:
   a. Liquid, gas
   b. Solid, fluid, plasma
   c. Texture, color
6. Are two types of mixtures:
   a. Homogeneous
   b. heterogeneous
   c. a and b are correct
7. Are pure simple substances that can not be broken down into other simpler substances.
   a. Chemical elements
   b. Chemical equation
   c. Chemical reaction
8. Is an example of chemical element.
   a. H2
   b. H20- water
   c. O2
9. Is the smallest particle of a simple or compound substance.
   a. atom
   b. electron
   c. molecule
10. are graphic representations of chemical reactions.
    a. Chemical equations

b. Chemical reactions
c. Chemical element

11. Is an example of a chemical equation.
    a. NO2
    b. H2O----H2 + O
    c. H2O
12. Inorganic compounds are composed:
    a. Oxides, bases
    b. Hydroxides, acids, salts
    c. A and b are correct
13. Are a type of energy resource derived from the slow decomposition of living organisms.
    a. Fossil fuel
    b. water
    c. coil
14. is a mixture of remains of marine organisms.
    a. coil
    b. oil
    c. natural gas
15. is a compound formed by two elements: hydrogen and carbon
    a. carbon
    b. amine
    c. hydrocarbon
16. Is the main source of energy on the planet.
    a. Fossil fuel
    b. oxygen
    c. Carbon
17. Are some derivatives of petroleum.
    a. Coil, oil
    b. Paraffins, mineral waxes
    c. Gas, water
18. Kerosene is a derivative of petroleum?
    a. Yes
    b. No