

Study guide final test (Prep)

Name _____

Part A

Circle the letter of the answer that correctly completes each statement.

1. A _____ is formed when two or more elements join together.
a. mixture b. compound c. reaction
2. Temperature and humidity are the same throughout a(n) _____.
a. ozone layer b. front c. air mass
3. Mold and mushrooms are examples of _____.
a. fungi b. protists c. monerans
4. A _____ shows the feeding order of organisms in an ecosystem.
a. succession b. food chain c. pyramid of numbers
5. Sound is produced when matter _____.
a. rotates b. dissolves c. vibrates
6. The central part of an atom is called the _____.
a. proton b. neutron c. nucleus
7. Magma that cools and hardens forms _____ rock.
a. igneous b. sedimentary c. metamorphic
8. The _____ is the continuous movement of water between the atmosphere and Earth's surface.
a. water table b. water cycle c. groundwater
9. The joining of an egg cell and a sperm cell is called _____.
a. ovulation b. fertilization c. reproduction

10. Gravity is the force of attraction between any two objects that have _____.

a. mass b. force c. volume

Part B Read each sentence. Write T if the statement is true or F if it is false.

_____ 1. A rock is a natural solid material made of one or more minerals.

_____ 2. Work is what happens when a force makes something move.

_____ 3. The smallest particle of each kind of matter is a molecule.

_____ 4. Photosynthesis takes place in a plant's chloroplasts.

_____ 5. Sound waves are visible.

_____ 6. A single point on Earth's surface can be found at intersecting lines of

latitude and longitude.

_____ 7. Mass is anything that has weight and takes up space.

_____ 8. The atmosphere is the layer of gases that surrounds Earth.

_____ 9. Asexual reproduction involves two parents.

_____ 10. Earth's axis is an imaginary line joining the hemispheres

Part C Match each property in Column A with its correct measurement unit

in Column B. Write the letter of the answer on the line.

Column A

_____ 1. volume of a liquid

- _____ 2. Force
- _____ 3. area
- _____ 4. speed
- _____ 5. work
- _____ 6. temperature
- _____ 7. volume of a solid
- _____ 8. electromotive force
- _____ 9. length
- _____ 10. Mass

Column B

- a. meter
- b. degree
- c. volt
- d. newton
- e. gram
- f. cubic meter
- g. square meter
- h. liter
- i. kilometers per hour
- j. joule

Part D

1-List eight forms of energy.

2. What is the difference between an element and a compound?