

**Instructions: Read each question carefully and select the correct answer.**

1. These of two states of matter are similar

- a. Gas and solid
- b. Liquid and plasma
- c. plasma and gas
- d. Solid and liquid

2. States of matter are categorized according to their

- a. Colour and size
- b. Arrangement, distance of particles and energy
- c. energy, size and colour
- d. Distance, design and shape

3. All forms of matter are made up of particles that are always

- a. vibratIng
- b. Have a fixed motion
- c. dispersed
- d. Charged

4. This state of matter is a good conductor of electricity

- a. Solids
- b. Liquids
- c. plasma
- d. Gas

5. When energy is added to a state of matter then a \_\_\_\_\_ occurs.

- a. Change in state
- b. Regular arrangement
- c. cellular division
- d. Movement

6. An example of plasma as a state of matter is

- a. Ocean water

b. Moon

c. Sun

d. Earth

7. Plasma can be

a. Wet and dry

b. hot and cold

c. hard and soft

d. Internal and external

8. An element can also be called

a. mixture

b. compound

c. pure substance

d. colloid

9. An example of a mixture that is homogeneous

a. Sugar water

b. Cereal and milk

c. fruit salad

d. Sand and iron pieces

10. An example of a mixture that is heterogeneous

a. Coffee

b. Milk

c. peas and carrots

d. Sugar water

**Instructions: Choose from the dropdown box if the following pictures show a PHYSICAL CHANGE or a CHEMICAL CHANGE**

11.



A broken glass window

12.



Burning wood

13.



Ice melting

14.



Iron chains rusting

**Instructions: State if the following pictures indicate POTENTIAL or KINETIC ENERGY**

15.



Runner waiting to begin the race.

15.



A little boy swinging.

**Instructions: Match the name to the definition.**

16. CONDUCTOR

Heat and electricity flow easily

17. INSULATOR

Heat and electricity do not flow

**Instructions: Drag the pictures to their correct names**



Copper



Plastic



Rubber

CONDUCTOR	MATERIAL	INSULATOR
	Plastic	
	Copper	
	Rubber	