



## Midterm Examination Term 2/2021

Metapaht Primary School Grade Level : 5 Subject : Science

Questions : 40

Total Marks : 40

Duration : 1 hour

Name..... Class..... No.....

**Instruction: Encircle  the most correct answer for each question.**

1. Which is not a state of matter?
  - a. Solid.
  - b. Liquid.
  - c. Viscous.
  - d. Gas.
2. Which is a physical change in the states of matter?
  - a. Burning.
  - b. Condensation.
  - c. The forming of rust.
  - d. The ripping of fruits.
3. Which is correct about sublimation?
  - a. Solid -> Gas.
  - b. Solid -> Liquid.
  - c. Gas -> Solid.
  - d. Liquid -> Solid.
4. Which cannot dissolve in water?
  - a. Naphthalene balls.
  - b. Salt.
  - c. Alcohol.
  - d. Oxygen.
5. Which is not correct?
  - a. Solvent + solute = solution.
  - b. Carbon dioxide can be dissolved in water.
  - c. Food coloring can dissolve in water.
  - d. Iron filing can dissolve in water.
6. Which is not a chemical change of substances?
  - a. The forming of rust.
  - b. The forming of rain.
  - c. The ripping of fruits.
  - d. Burning.
7. How can we see in chemical changes?
  - a. Change of color.
  - b. Making gas bubbles.
  - c. Precipitating.
  - d. All are correct.
8. Which is a property of chemical changes?
  - a. No new substance is formed.
  - b. The new substance has the same properties.
  - c. The new substance cannot turn back to its original form.
  - d. The new substance can turn back to its original form.

9. Which is reversible?

- a. Melting
- b. Vaporization.
- c. Dissolution.
- d. All are correct.

10. Which is reversible?

- a. The forming of rust on iron.
- b. The change of a butterfly peas' color.
- c. Paper burning.
- d. The ripening of strawberries.

**Tick ✓ in front of the correct ones and cross X in front of the wrong ones.**

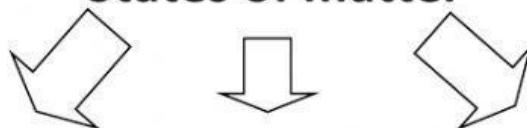
- ..... 1) The physical changes in water are reversible changes.
- ..... 2) All chemical changes are irreversible changes.
- ..... 3) Burning is an irreversible change.
- ..... 4) The change in the color of butterfly peas is an irreversible change.
- ..... 5) The forming of rust on iron is a reversible change.
- ..... 6) The forming of rust on iron is a reversible change just like burning.
- ..... 7) The change in the color of butterfly peas is a reversible change just like melting.
- ..... 8) Vaporization is an irreversible change.
- ..... 9) The changing of state of matter is a reversible change.
- ..... 10) Deposition is reversible change.

Instruction: Fill in the blanks with the given words in the table below.

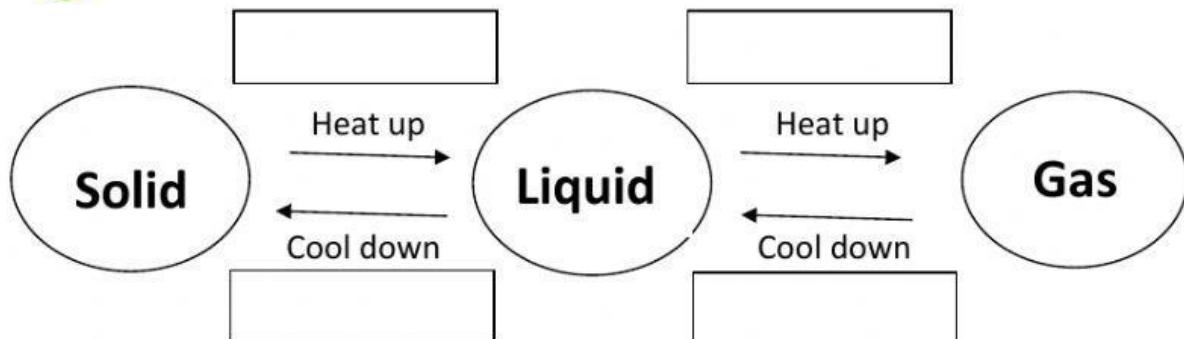
Solid	Melting	Solidification
Liquid	<b>Vaporization</b>	<b>Sublimation</b>
Gas	<b>Condensation</b>	<b>Deposition</b>

1

### States of matter



2



1 Fah brought coconut soup from the market in the morning and left it on the dinner table.

In the evening, Fah poured the coconut soup in a bowl to eat and found that the coconut soup had bad smell. From the information, is the change in the coconut soup a chemical change?

How can we know that? (5 points)

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2 Fill in the blanks with the given words.

Form new substances	Changes in outer features	Cannot be changed back	Have the same properties คงเดิม
Can be changed back	Changes in the properties of substances.	Not form new substances	Changes with the materials inside

Chemical changes

Physical changes