

	<b>1<sup>st</sup> FINAL SEMESTER EXAMINATION PAPER</b> <b>Academic Year 2021/ 2022</b>	
	Subject : Science	Name :
	Primary : 3	Day/ Date :

**I. Choose the correct answer.**

1. Condition of the air such as temperature, cloud cover, wind and rain in a short time describe ...
  - a. Climate
  - b. Season
  - c. Weather
  - d. Air
2. What is the difference between weather and climate?
  - a. Weather is determined by temperature, wind direction, and precipitation, while climate only focuses on temperature.
  - b. Climate is just focused on certain areas and all other areas are focused on weather.
  - c. Weather happens day to day, and climate is the average weather over a long time.
  - d. Climate happens day to day, weather is the average temperature over a long time.
3. Average weather conditions for a region year after year...
  - a. Climate
  - b. Pattern
  - c. Weather
  - d. Prediction
4. What is a greenhouse gas that comes from cars?
  - a. Oxygen
  - b. Heat
  - c. Carbon dioxide
  - d. Exxon
5. Which of these are effects of global warming?
  - a. Lower sea level
  - b. Melting polar ice
  - c. drier weather
  - d. air pollution

6. There are many sources of heat in our homes. Which one is the BEST example of heat energy?
- a. Stove
  - b. Blender
  - c. can opener
  - d. refrigerated air
7. People use a lamp to help them see, but the bulb can get quite warm. What two forms of energy are being produced by the lamp?
- a. Light and sound
  - b. Light and heat
  - c. mechanical and electrical
  - d. heat and electrical
8. What is NOT a renewable energy source?
- a. Coal
  - b. Solar
  - c. wind
  - d. water
9. Solar energy is transferred to \_\_\_\_\_ energy.
- a. Mechanical
  - b. Sound
  - c. solar
  - d. electrical
10. Kinetic energy is transferred to \_\_\_\_\_ energy.
- a. Solar
  - b. Electrical
  - c. Potential
  - d. Mechanical



**II. Fill the blanks with the words in the box.**

1. I can see the sun today. It is \_\_\_\_\_
2. There is ice on the road. It is \_\_\_\_\_
3. I use an umbrella when it is \_\_\_\_\_ .
4. You can see the grass and the trees move when it is \_\_\_\_\_ outside
5. Remember to wear jacket, it is not freezing outside but it is still \_\_\_\_\_

Cold

Snowy

Windy

Sunny

Rainy

**III. Answer these questions correctly.**

1. Look at the picture below.



a. Why do you think this is a renewable source of energy? Explain.

b. Please write the energy transformation of this picture.

2. Look at the picture below.



a. Tell with your own words, what happen in the picture.

b. What can you do to prevent this situation?

3. Please Look at these pictures and explain their energy transformation/ conversion.

a.



b.



c.

