



Name: _____

Date: _____

School Name: _____

General Instructions:

Read the instructions below before answering the following questions.

1. This test contains 10 questions. Questions are taken from the theme:

- ✓ Living Things, Life Processes and the Environment
- ✓ Energy, forces and Matter

space is provided for you to answer each question.

2. Questions may be anyone of the following item type:

- ✓ Constructed Response – Short and Extended
- ✓ Table Grid,
- ✓ Single and multiple Selected Response

3. All questions must be answered in the provided space and remember to explain your answer where it is required.

4. Read each question carefully. Then answer questions based on instructions given.

5. For each question, where options are given to choose from, indicate the answer(s) you have selected for each question by circling the corresponding letter(s) from the given options.

Answer ALL the questions as instructed.

Read and Answer each of the following questions as instructed.

There are many different types of soils all over the world. One way to classify soils is by the environment in which the soil was formed.

1. Explain how the garden soil is similar to the clay soil.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

2. Why do different locations have different kinds of soil?

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



3. How are humans producing greenhouse gases?
 - a. Building more houses and roads
 - b. Planting more trees
 - c. Developing lands for farming
 - d. Continuous production of wastes
4. What happens when we burn fossil fuels?
 - a. A huge fire occurs
 - b. Nothing occurs
 - c. Carbon is released into the atmosphere
 - d. Oxygen and carbon dioxide are released in the air
5. Use a tick to identify the correct statement that speaks to each of the following terms.

Statement	Soil Erosion	Pesticides	Topsoil	Industrialization
Chemicals that are used to get rid of insects that eat plants and crops are called:				
Which human activity causes maximum environmental pollution both regionally and globally?				
Plants get their nutrients from this layer of the soil.				
A process that moves soil by wind and water away from where it is needed.				

Light is important to all of us. Light is a form of energy that enables all living things to survive on Earth.

6. Give a brief explanation of how light travel.



7. Light travels through glass at a slower speed than through air. Explain why this is so?

Look at the picture of the instrument below and use it to answer questions 8 and 9.



8. How might sound waves be produced using the instrument in the picture above?



9. How might a person playing the instrument in the picture vary the intensity?
Explain why this is so.

John is in his bedroom and he hears a trailer truck out on the highway. It approaches from a distance, passes his home and travels on.

10. Explain what happens to the changing pitch as it:
a. Approaches his home.

- b. Moves away from his home.
