



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. List three important properties of soil.

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2. What types of soil is found mainly in tropical area?

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3. How is the earth getting warmer?

- a. The summers are getting longer.
- b. The sun is getting bigger.
- c. By burning fossil fuels
- d. By volcanic eruption

4. Which of the following groups can cause global warming?

- a. Mudslides, solar panel, hydro-electricity
- b. Trees growing, livestock, fishing
- c. Volcanoes, forest fires, livestock
- d. Hydro-electricity, volcanoes, mudslides



5. State whether each item listed below is opaque, translucent or transparent.

- a. Wedding veil \_\_\_\_\_
- b. Thick rug \_\_\_\_\_
- c. Plastic wrap \_\_\_\_\_
- d. Textbook \_\_\_\_\_
- e. Wax paper \_\_\_\_\_
- f. Glass window \_\_\_\_\_

**Imagine seeing your reflection in polished table top. The image is blurry and hard to recognize.**

6. What can you tell about the surface of the table from your observation?

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7. What are some ways in which materials affect how light is transmitted?

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8. Explain how the terms **intensity** and **amplitude**, **pitch** and **frequency** are related.

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9. Describe one way in which sound intensity can be controlled.

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10. If you were selecting a raincoat, what properties would you want the raincoat to have and why?

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