

Name: **Class:**..... **Student No.:**..... **Marks:**.....

Part I. Multiple Choices

Directions: Choose the letter for the correct answer. (15 points)

1. Anything that occupies space and has mass.

- a. natural phenomena b. matter c. rock d. geologist

2. _____ is a hard substance which the Earth is made of.

- a. air b. rock c. paper d. water

3. "Water takes the shape of the container but its volume does not change".

This statement is _____.

- a. maybe b. false c. true d. not sure

4. The act or process of changing completely.

- a. matter b. geologist c. earth crust d. transformation

5. The Earth is made up of thousands of different _____ and they occur naturally.

- a. minerals b. object c. building d. roads

6. The change of substance from a solid to liquid.

- a. boiling b. freezing c. melting d. evaporation

7. The change of substance from a liquid to a gas.

- a. boiling b. freezing c. melting d. evaporation

8. It formed by cooling down of molten rock within the Earth called magma expelled out of the Earth called lava.

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|---------------------|-----------------|
| a. sedimentary rock | c. igneous rock |
| b. metamorphic rock | d. sand |

9. It is formerly igneous rock or sedimentary rock that changes due to heat and pressure.

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|---------------------|---------------------|
| a. soil | c. igneous rock |
| b. sedimentary rock | d. metamorphic rock |

10. Layers of sediment are deposited and compressed. They harden and become rocks.

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|---------------------|---------------------|
| a. igneous rock | c. pebbles |
| b. metamorphic rock | d. sedimentary rock |

11. The people or scientist who studies earth, rocks and their transformations.

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|--------------|-------------|---------------|----------------|
| a. mechanics | b. surgeons | c. geologists | d. astronomers |
|--------------|-------------|---------------|----------------|

12. It's the Earth hard outer layer. It is less than 1% of the Earth's volume.



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|---------|----------------|----------|-----------|
| a. soil | b. earth crust | c. water | d. plasma |
|---------|----------------|----------|-----------|

13. It has a fixed shape and a fixed volume. It does not take the shape of the container that it is put into.

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|----------|-----------|--------|--------|
| a. solid | b. liquid | c. air | d. gas |
|----------|-----------|--------|--------|

14. What are the three main states of matter?

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|-------------------------|---------------------|-----------------------|-----------------------|
| a. solid, liquid, water | b. gas, liquid, air | c. solid, liquid, gas | d. liquid, gas, stone |
|-------------------------|---------------------|-----------------------|-----------------------|

15. _____ is a description of the way light interacts with the surface of a crystal, rock, or mineral.

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|---------|-------------|-----------|------------|
| a. sand | b. minerals | c. lustre | d. granite |
|---------|-------------|-----------|------------|

Part II. Matching Type

Directions: Match the items in column A with column B and choose the correct answer. (2.5 points)

A

geologist

granite

soil

evaporation

stones

B



Part III. Writing test

Directions: Name the rocks. Choose your answer inside the box. (2.5 points)

