



Practice Worksheet on General Science

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Subject: Science

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Long Answer Questions

1. Explain the process of photosynthesis in plants.
2. Describe the water cycle and its importance.
3. Describe the planets in our solar system.
4. Describe the different layers of the Earth.
5. Explain different forms of energy and provide examples.
6. Describe the three main types of rocks and how they form.
7. Explain the concept of simple machines and provide examples.

8. Describe the life cycle of a butterfly.

Multiple Choice Questions

1. What is the center of our solar system?

- a) Mercury
- b) Sun
- c) Earth
- d) Mars

2. Which process in the water cycle involves water falling to the ground?

- a) Evaporation
- b) Condensation
- c) Precipitation
- d) Collection

3. Which type of rock is formed from cooled magma?

- a) Igneous
- b) Sedimentary
- c) Metamorphic
- d) All of the above

4. What type of energy is stored energy?

- a) Kinetic
- b) Potential
- c) Thermal
- d) Chemical

5. Which of the following is a simple machine?

- a) Lever
- b) Pulley
- c) Inclined Plane
- d) All of the above

6. Which of the following is a stage in the life cycle of a butterfly?

- a) Egg
- b) Larva
- c) Pupa
- d) All of the above

7. Which of the following is necessary for photosynthesis?

- a) Chlorophyll
- b) Sunlight
- c) Water
- d) All of the above

8. Which of the following is a layer of the Earth?

- a) Crust
- b) Mantle
- c) Core
- d) All of the above

Answer Key

Long Answer Questions - Expected Responses

1. Explain the process of photosynthesis in plants.

Expected Answer: Explanation of photosynthesis, mentioning chlorophyll, sunlight, water, carbon dioxide, and glucose.

2. Describe the water cycle and its importance.

Expected Answer: Description of the water cycle, including evaporation, condensation, precipitation, and collection.

3. Describe the planets in our solar system.

Expected Answer: Discussion of the solar system's planets, including their characteristics and order from the sun.

4. Describe the different layers of the Earth.

Expected Answer: Explanation of the layers of the Earth, including the crust, mantle, outer core, and inner core.

5. Explain different forms of energy and provide examples.

Expected Answer: Explanation of different types of energy, such as kinetic, potential, thermal, etc.

6. Describe the three main types of rocks and how they form.

Expected Answer: Discussion of different types of rocks: igneous, sedimentary, and metamorphic, and their formation.

7. Explain the concept of simple machines and provide examples.

Expected Answer: Explanation of the concept of simple machines, including levers, pulleys, inclined planes, etc.

8. Describe the life cycle of a butterfly.

Expected Answer: Description of the different stages of the life cycle of a butterfly, including egg, larva, pupa, and adult.

Multiple Choice Questions – Correct Answers

1. What is the center of our solar system?

Correct Answer: Sun

2. Which process in the water cycle involves water falling to the ground?

Correct Answer: Precipitation

3. Which type of rock is formed from cooled magma?

Correct Answer: Igneous

4. What type of energy is stored energy?

Correct Answer: Potential

5. Which of the following is a simple machine?

Correct Answer: All of the above

6. Which of the following is a stage in the life cycle of a butterfly?

Correct Answer: All of the above

7. Which of the following is necessary for photosynthesis?

Correct Answer: All of the above

8. Which of the following is a layer of the Earth?

Correct Answer: All of the above