

Assessment - w667

Language: English

Instructions: Attempt all questions. Read carefully and choose/enter the best answer.

A) Multiple Choice Questions

1. What is science?
 - A. The study of the natural world.
 - B. A type of technology.
 - C. A branch of mathematics.
 - D. A philosophical inquiry.
2. What is a hypothesis?
 - A. A guess about what will happen.
 - B. A confirmed fact.
 - C. A theory that cannot be tested.
 - D. A scientific law.
3. What do we call anything that has mass?
 - A. Energy.
 - B. Matter.
 - C. Light.
 - D. Sound.
4. How many states of matter are there?
 - A. One.
 - B. Two.
 - C. Three.
 - D. Four.
5. What is an example of a solid?
 - A. Ice.
 - B. Water.
 - C. Steam.
 - D. Air.
6. What do liquids take the shape of?
 - A. Their container.
 - B. A solid object.
 - C. The air around them.
 - D. None of the above.
7. What pulls objects down to the ground?
 - A. Magnetism.
 - B. Friction.
 - C. Gravity.
 - D. Electricity.
8. What do plants use to make food?
 - A. Water.
 - B. Sunlight.
 - C. Soil.
 - D. Air.

9. What is the purpose of experiments?
- A. To gather data.
 - B. To test a hypothesis.
 - C. To create new technology.
 - D. To prove theories true.
10. What is a gas?
- A. A solid form of matter.
 - B. Matter that spreads everywhere.
 - C. A type of liquid.
 - D. None of the above.
11. What happens to water when it gets heated?
- A. It freezes.
 - B. It freezes then melts.
 - C. It turns into steam.
 - D. It stays the same.
12. What orbits the Earth?
- A. The Sun.
 - B. Mars.
 - C. The Moon.
 - D. Jupiter.

B) Fill in the Blanks

1. Matter is anything that has ____.
2. Plants use ____ to make food.
3. What pulls objects to the ground? ____
4. A liquid takes the shape of its ____.
5. The circulatory system pumps ____.
6. Photosynthesis is when plants make food using ____.
7. When ice is heated, it ____ into water.
8. Water vapor condenses back into ____ during cooling.

Answer Key

MCQ: Q1: A, Q2: A, Q3: B, Q4: C, Q5: A, Q6: A, Q7: C, Q8: B, Q9: B, Q10: B, Q11: C, Q12: C

Fill-in: Q1: mass; Q2: sunlight; Q3: gravity; Q4: container; Q5: blood; Q6: sunlight; Q7: melts; Q8: water