

SAMPLE PAPERS SCIENCE MANIA QUIZ 2025 FOR GRADE 7 AND 8

QUESTION 1. What is the basic unit of life?

- A. Tissue
- B. Organ
- C. Cell**

QUESTION 2. Which gas is most abundant in the Earth's atmosphere?

- A. Oxygen
- B. Carbon Dioxide
- C. Nitrogen**

QUESTION 3. What is the chemical formula for water?

- A. H₂O**
- B. CO₂
- C. NaCl

QUESTION 4. Which organelle is known as the "powerhouse of the cell"?

- A. Nucleus
- B. Mitochondria**
- C. Ribosome

QUESTION 5. What type of energy does a stretched rubber band have?

- A. Kinetic Energy
- B. Potential Energy**
- C. Thermal Energy

QUESTION 6. What is the process of liquid water changing into water vapor called?

- A. Condensation
- B. Freezing
- C. Evaporation**

QUESTION 7. Which of these is an example of a chemical change?

- A. Melting ice
- B. Burning wood**
- C. Breaking glass

QUESTION 8. What do we call an animal that eats both plants and animals?

- A. Herbivore
- B. Omnivore**
- C. Carnivore

QUESTION 9. Which human body system transports blood throughout the body?

- A. Digestive System
- B. Nervous System
- C. Circulatory System**

QUESTION 10. Which planet is known as the "Blue Planet"?

- A. Mars
- B. Venus
- C. Earth**

QUESTION 11. What is the primary source of energy for the water cycle?

- A. Wind
- B. Sun**
- C. Moon

QUESTION 12. Which substance is a good conductor of electricity?

- A. Plastic
- B. Wood
- C. Copper**

QUESTION 13. What is the pH level of a neutral substance?

- A. 1
- B. 7**
- C. 14

QUESTION 14. What is formed when two or more elements chemically combine?

- A. Mixture
- B. Atom
- C. Compound**

QUESTION 15. What do you call the movement of the Earth around the Sun?

- A. Rotation
- B. Revolution**
- C. Orbit