

SAMPLE PAPERS SCIENCE MANIA QUIZ 2025 FOR GRADE 9 AND 10

QUESTION 1. What is the powerhouse of the cell?

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

QUESTION 2. Which element is essential for the process of photosynthesis?

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

QUESTION 3. What is the unit of electrical resistance?

- A. Watt
- B. Volt
- C. Ohm**

QUESTION 4. What type of reaction is rusting of iron?

- A. Physical Change
- B. Chemical Change**
- C. Nuclear Change

QUESTION 5. Which planet is known as the "Evening Star"?

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

QUESTION 6. What kind of energy does a moving object possess?

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

QUESTION 7. What is the most abundant gas in the Earth's atmosphere?

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

QUESTION 8. Which process converts liquid water into water vapor?

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

QUESTION 9. Which vitamin is produced by the skin when exposed to sunlight?

- A. Vitamin C
- B. Vitamin B
- C. Vitamin D**

QUESTION 10. What is the chemical formula of common salt?

- A. H₂O
- B. NaCl**
- C. CO₂

QUESTION 11. What is the force that opposes motion between two surfaces in contact?

- A. Gravity
- B. Magnetism
- C. Friction**

QUESTION 12. Which layer of the Earth is made up of liquid iron and nickel?

- A. Crust
- B. Mantle
- C. Outer Core**

QUESTION 13. What is the function of white blood cells in the human body?

- A. Carry oxygen
- B. Fight infections**
- C. Store energy

QUESTION 14. What is the term for the amount of matter in an object?

- A. Volume
- B. Mass**
- C. Density

QUESTION 15. Which of these is a renewable source of energy?

- A. Coal
- B. Solar**
- C. Natural Gas