

Physical Science Facts

Physical Science · Practice Test · 15 Questions

1. In what year did Albert Einstein publish his paper on the mass-energy equivalence formula, $E=mc^2$?

- A) 1905
- B) 1912
- C) 1920
- D) 1935

2. How many states of matter are traditionally taught as the most common in introductory science?

- A) 2
- B) 4
- C) 6
- D) 8

3. What is the atomic number of the element Hydrogen?

- A) 0
- B) 1
- C) 2
- D) 3

4. Approximately how many degrees Celsius is the freezing point of pure water at sea level?

- A) -10
- B) 0
- C) 10
- D) 32

5. Who is credited with discovering the electron in 1897?

- A) Isaac Newton
- B) J.J. Thomson
- C) Marie Curie
- D) Niels Bohr

6. How many planets in our solar system have been officially recognized since the 2006 reclassification?

- A) 7
- B) 8
- C) 9
- D) 10

7. What is the approximate speed of light in a vacuum in meters per second?

- A) 300,000
- B) 3,000,000
- C) 30,000,000
- D) 300,000,000

8. In which century did Isaac Newton publish his 'Philosophiae Naturalis Principia Mathematica'?

- A) 15th
- B) 16th
- C) 17th
- D) 18th

9. What is the approximate pH value of pure water at 25 degrees Celsius?

- A) 5
- B) 7
- C) 9
- D) 11

10. How many laws of motion did Isaac Newton define in his 1687 publication?

- A) 1
- B) 2
- C) 3
- D) 4

11. What is the chemical symbol for the element Gold?

- A) Gd
- B) Au
- C) Ag
- D) Go

12. Which planet is located third from the Sun?

- A) Venus
- B) Mars
- C) Earth
- D) Mercury

13. How many elements were in the first version of the Periodic Table published by Dmitri Mendeleev in 1869?

- A) 63
- B) 82
- C) 104
- D) 118

14. At what temperature in degrees Celsius does water typically boil at sea level?

- A) 50
- B) 75
- C) 100
- D) 150

15. How many colors are traditionally identified in the visible light spectrum?

- A) 3
- B) 5
- C) 7
- D) 9