Introduction to Quantum Physics

Quantum Physics · Answer Key · 12 Questions

1. What is the name of the tiny particles that make up all matter?

A) Atoms
B) Cells
C) Stars
D) Pixels

2. Which subatomic particle carries a negative electrical charge?

A) Proton
B) Electron
C) Neutron
D) Photon

3. What is the core of an atom called?

A) Nucleus
B) Shell
C) Orbit
D) Crust

4. Which particles are found inside the nucleus of an atom?

A) Electrons and Photons
B) Protons and Neutrons
C) Only Electrons
D) Only Neutrons

5. What is a 'photon' a particle of?

A) Sound
B) Gravity
C) Light
D) Water

6. Which subatomic particle has no electrical charge?

A) Electron
B) Proton
C) Neutron
D) Ion

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

7. What is the positively charged particle found in an atom?

A) Proton
B) Electron
C) Photon
D) Neutrino

8. Quantum physics focuses on the study of matter at what scale?

A) Galactic scale
B) Human scale
C) Atomic scale
D) Planetary scale

9. What does the word 'quantum' refer to in physics?

A) A large amount
B) A specific, discrete amount
C) A liquid state
D) A type of telescope

10. What happens to an electron if it moves to a higher energy level within an atom?

A) It stays the same
B) It absorbs energy
C) It disappears
D) It creates a sound

11. Which of these is a fundamental force that holds an atom together?

A) Electromagnetism
B) Wind force
C) Water pressure
D) Friction

12. What is the smallest unit of light?

A) Atom
B) Molecule
C) Photon
D) Electron

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.