# Quantum Physics for Beginners

Quantum Physics · Answer Key · 8 Questions

**1. What are tiny packets of light energy called in physics?**

A) Electrons
**B) Photons**
C) Protons
D) Neutrons

**2. In quantum physics, light can behave as both a wave and what else?**

A) A magnet
**B) A particle**
C) A liquid
D) A sound wave

**3. What is the quantum concept where a particle can exist in multiple states at once until it is measured?**

**A) Superposition**
B) Gravity
C) Friction
D) Evaporation

**4. What is the basic unit of information used in quantum computers?**

A) Byte
**B) Qubit**
C) Pixel
D) Grain

**5. Which scientist is considered the father of quantum theory for discovering energy quanta in 1900?**

**A) Max Planck**
B) Isaac Newton
C) Galileo Galilei
D) Nikola Tesla

**6. Which everyday device uses quantum mechanics to create a concentrated beam of light?**

A) Flashlight bulb
**B) Laser**
C) Candle
D) Magnifying glass

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**7. Which negatively charged particles in an atom jump between energy levels by absorbing light energy?**

A) Neutrons
B) Protons
**C) Electrons**
D) Alpha particles

**8. What is the name of the quantum effect where a particle passes straight through a barrier?**

**A) Quantum tunneling**
B) Quantum freezing
C) Quantum melting
D) Quantum bouncing

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