

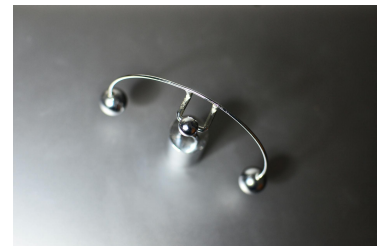


# GENERAL PHYSICS TRIVIA

How well do you know your Physics?

1. What is the SI unit of force?

- Newton
- Pascal
- Joule
- Watt



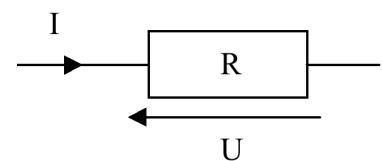
2. What does an ammeter measure?

- Pressure
- Voltage
- Current
- Distance



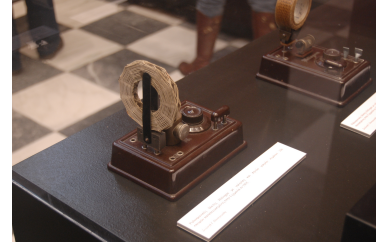
3. What is Ohm's Law?

- Voltage = Current x Resistance
- Power = Voltage x Current
- Force = Mass x Acceleration
- Energy = Mass x Speed of light squared



4. In the context of waves, what does the term 'frequency' signify?

- The height of the wave
- The speed of the wave
- The number of complete cycles per unit of time
- The distance between successive crests in a wave



5. What principle explains why ships float in water?

- Bernoulli's Principle
- Pascal's Law
- Newton's Third Law
- Archimedes' Principle



6. What causes a Doppler Effect?

- The relative motion between the source of wave and the observer
- The wave's frequency
- The wave's amplitude
- The wave's wavelength



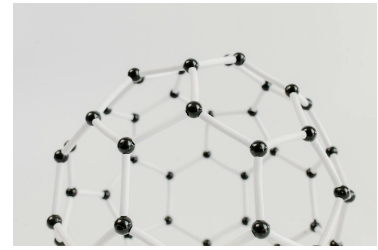
7. What is the principle underlying a hydraulic lift?

- Newton's First Law
- Pascal's Principle
- Bernoulli's Principle
- Archimedes' Principle



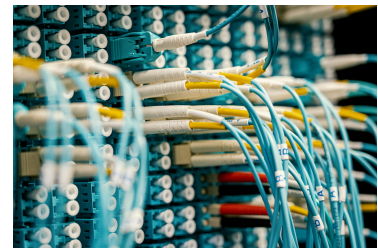
8. What is the smallest unit of matter that retains the chemical properties of an element?

- Electron
- Quark
- Neutron
- Atom



9. What is the principle underlying the operation of a fiber optic cable?

- Pascal's Principle
- Coulomb's Law
- Total Internal Reflection
- Boyle's Law



10. What type of lens is a magnifying glass?

- Concave
- Convex
- Cylindrical
- Plane

