Physics Fundamentals

Physics · Answer Key · 12 Questions

1. Which unit is used to measure electric current?

A) Volt
B) Ampere
C) Ohm
D) Watt

2. What is the name of the force that pulls objects toward the center of the Earth?

A) Magnetism
B) Friction
C) Gravity
D) Inertia

3. Which state of matter has a definite shape and volume?

A) Liquid
B) Gas
C) Plasma
D) Solid

4. What is the primary source of light and heat for Earth?

A) The Moon
B) The Sun
C) The Stars
D) Lightning

5. Which instrument is used to measure temperature?

A) Barometer
B) Thermometer
C) Speedometer
D) Scale

6. What happens when light bounces off a surface?

A) Refraction
B) Reflection
C) Absorption
D) Diffraction

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7. Which of these materials is a good conductor of electricity?

A) Rubber
B) Wood
C) Copper
D) Glass

8. What is the measurement of how fast an object is moving?

A) Speed
B) Mass
C) Force
D) Weight

9. Which of these is a form of energy?

A) Air
B) Sound
C) Water
D) Dust

10. What is the center of an atom called?

A) Electron
B) Molecule
C) Nucleus
D) Proton

11. Which force opposes the motion of two surfaces sliding against each other?

A) Gravity
B) Magnetism
C) Friction
D) Tension

12. What is the basic unit of length in the metric system?

A) Inch
B) Foot
C) Meter
D) Mile

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