SCIENCE GEEK: ELEMENTS & PLANETS FACT QUIZ

Physics, Chemistry, Astronomy & Biology! Test your knowledge of elements, planets & scientific laws!

Scientist: _____ **Lab / Team:** _____ **Score: [___ / 12]**

Q1: Chemical Symbol for Gold

What is the two-letter chemical symbol for Gold on the periodic table?

A) Gd B) Au (Aurum)
C) Ag D) Go

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q2: The Red Planet

Which planet is known as the Red Planet due to iron oxide rust?

A) Venus B) Mars
C) Jupiter D) Mercury

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q3: Powerhouse of the Cell

What cellular organelle generates most of the chemical energy (ATP)?

A) Nucleus B) Mitochondria
C) Ribosome D) Endoplasmic Reticulum

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q4: Speed of Light

Approximately what is the speed of light in a vacuum?

A) 186,000 miles/sec (300,000 km/s) B) 50,000 km/s
C) 1,000,000 km/s D) Speed of sound

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q5: Hardest Natural Substance

What is the hardest naturally occurring mineral on Mohs hardness scale?

A) Quartz B) Diamond (10/10)
C) Topaz D) Titanium Carbide

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q6: Hottest Planet in Solar System

Which planet has the hottest average surface temp (approx 867 deg F)?

A) Mercury B) Venus (Runaway greenhouse)
C) Mars D) Jupiter

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q7: Most Abundant Gas in Air

What gas makes up approximately 78% of Earth's atmosphere?

A) Oxygen B) Nitrogen (N2)
C) Carbon Dioxide D) Argon

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q8: The Great Red Spot

On which gas giant planet is the colossal spinning storm located?

A) Saturn B) Jupiter
C) Neptune D) Uranus

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q9: Liquid Metal at Room Temp

Which metallic element remains a liquid at room temperature?

A) Lead B) Mercury (Hydrargyrum - Hg)
C) Zinc D) Gallium

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q10: Nearest Star to Earth

Besides the Sun, what is the closest star system to Earth?

A) Alpha Centauri (Proxima) B) Sirius
C) Betelgeuse D) Vega

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q11: The Unit of Electric Resistance

What SI unit measures electrical resistance, named after Georg Ohm?

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

*My Answer: [ ] * [ ] Correct (+1 Pt)*

Q12: Periodic Table Creator

Which Russian chemist created the modern Periodic Table in 1869?

A) Dmitri Mendeleev B) Niels Bohr
C) Marie Curie D) Antoine Lavoisier

*My Answer: [ ] * [ ] Correct (+1 Pt)*

QUANTUM PHYSICIST & ASTRONOMY GENIUS AWARD

Trivia Champion: _____ | Score: [____ / 12]