Question: The horizontal rows in a periodic table are called ...?



- 2. Lanthanides
- 3. Periods
- 4. Atomic Structures

Correct Answer

Question: The first element in the modern periodic table is ...?



4. Helium

Correct Answer

Question: With which metal does oxygen combine to form rust?



Correct Answer Oxygen combines with iron to form rust.

Question: Rust on iron is basically ...?



- 2. A nitride
- 3. A chloride
- 4. A sulphide

Correct Answ

Question: Which of the following metals is often found in the pure state?

- 1. Iron
- 2. Aluminum
- 3. [•] Gold
- 4. Magnesium

Correct Answer Gold is often found in the pure state.

Question: Which of the following does not belong to this group?



Correct Answer Oxygen is a non-metal (gas) whereas iron, sodium, and lead are metals.

Question: Fill in the missing word: _____ + oxygen = Magnesium oxide

- 1. Carbon
- 2. Metal
- 3. Magnesium
- 4. Manganese

Correct Answer The reaction of magnesium with oxygen produces magnesium oxide

Question: Stainless steel is a an alloy of _____, ____, chromium, and nickel.

- 1. Copper, zinc
- 2. Aluminum, tin
- 3. Iron, carbon
- 4. Lead, magnesium

Correct Answer

Stainless steel is a mixture (alloy) of iron, carbon, chromium, and nickel. Carbon gives hardness to the mixture. Chromium and nickel give a silvery look to the mixture.

Question: Which of the following is a pure substance made up of two or more types of atoms or elements?

- 1. A mixture
- 2. An element
- 3. A compound
- 4. An atom

Correct Answer

A compound is defined as a pure substance made up of two or more types of elements (atoms) chemically combined in a fixed proportion, and it can be further subdivided into simpler substances by chemical means only.

Question: Fill in the missing word: Acid + _____ = Salt + Water



Correct Answer

Question: A pH below 7 indicates ...?

1.	0	Alkalinity
	\odot	

- 2. Presence of ions
- 3. Purity of the sample
- 4. Acidity

Correct Answer A pH scale reading less than 7 indicates acidity.

Question: Which of the following gases is green in color?



Correct Answer Chlorine gas is green in color.

Question: What is the combination of any substance with oxygen known as?

- 1. Combustion
- 2. Reduction
- 3. Hydrogenation
- 4. Oxidation

Correct Answer

The combination of any substance with oxygen is known as oxidation.

Question: The 'fizz' in soft drinks is caused by ...?

- Helium
 Carbon dioxide
 Nitrogen
- 0
- 4. ^OHydrogen

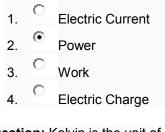
Correct Answer The 'fizz' in soft drinks is caused by Carbon dioxide.

Question: The lead of a pencil mainly contains...?

1.	0	Carbon black
2.	0	Plastics
3.	0	Lead
4.	۲	Graphite

Correct Answer

Question: Watt is the unit of ...?



Question: Kelvin is the unit of ...?

- 1. Temperature
- 2. Energy

- 3. Heat
- 4. Work

Correct Answer

Question: Tesla is the unit of ...?

- 1. Magnetomotive Force
- 2. Magnetic Flux Density
- 3. Magnetic Field Intensity
- 4. Magnetic Flu

Question: Siemens is the unit of...?

- 1. Electrical Field Strength
- 2. Electrical Conductivity
- 3. Electromagnetic Inductance
- 4. Electrical Resistance

Correct Answer

Question: Ampere is the unit of...?

- 1. Electric Energy
- 2. Electric Charge
- 3. Electrical Current
- 4. Electromotive Force

Correct Answer

Question: Farad is the unit of...?

- 1. Magnetic Flux
- 2. Electrical Capacitance
- 3. Electrical Conductivity

Question: Joule is the unit of...?

- 1. Power
- 2. Energy
- 3. Temperature
- 4. Impulse

Question: Lux is the unit of...?

- Luminous Intensity
 Focus
 Luminous Flux
- 4. Illumination

Correct Answe

Question: Newton is the unit of...?

1.	0	Heat
2.	۲	Force
3.	0	Work
4.	0	Power

Question: Pascal is the unit of ...?

1.	0	Density
2.	0	Focus
3.	0	Power
4.	⊙	Pressure

Correct Answer

Question: Driving right along, what is the instrument used to measure distance in a car called?



- 3. Differential pinion
- 4. C Thermometer

Correct Answer

The odometer measures the distance the car has driven by measuring the magnetic field the rear transmission creates while spinning. In layman's terms, the faster the car goes, the more distance you travel and the stronger the magnetic field. Therefore, the odometer will spin faster indicating that your car has gone a farther distance. This will ultimately decrease the value of the car. Economics, it's a science stronger than Physics.

Question: What was the lowest internal body temperature ever recorded in a human being who went on to survive?

1. 69 F 2. 47 F 3. 30 F 4. 53 F

Correct Answer

The poor boy was revived after having his internal temperature fall well below room temperature! Ideally our internal temperatures should be up in the high 90s.

Question: Pure water freezes at what temperature?

1. 47 F 2. 32 F 3. 0 F 4. 19 F

Correct Answer That is, given normal atmospheric pressure at sea level.

Question: Nitrogen constitutes what percentage of the atmosphere?

 1.
 79%

 2.
 42%

 3.
 56%

 4.
 18%

Question: Which of the following is not a constituent of the atmosphere?

- 1. Oxygen
- 2. Carbon Dioxide
- 3. Aluminum

4. Nitrogen

Question: What is the name given to the respiratory holes on the surface of a leaf?

- 1. Chlorophyll
- 2. Stomata
- 3. Tendrils
- 4. [©] Pits

Question: Which gas in the atmosphere saves us from the UV rays of the sun?

- 1. Nitrogen
- 2. Ozone
- 3. Oxygen
- 4. Carbon Monoxide

Question: Who invented the miner's safety-lamp?

- 1. Sir Humphrey Davy
- 2. Sir Frank Whittle
- 3. Alexander Graham Bell
- 4. C Thomas Alva Edi

Question: Which planet is known as the Red Planet?

- 1. Mercury 2. Mars
- 3. Earth
- 4. Upiter

Question: Who discovered the circulation of blood?

- 1. William Harvey
- 2. Louis Pasteur
- 3. Hargobind Khorana
- 4. Edward Jenner

Question: Who discovered Penicillin?

- 1. Robert Koch
- 2. Sir Alexander Fleming
- 3. Watson and Crick
- 4. CLouis Pasteur