

Chemistry - Important MCQs

Q1: The gas common known as Laughing gas is?

Ans: Nitrous Oxide

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Q2: The most abundant element in earth crust is ____?

Ans: Oxygen

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Q3: Ozone layer protect us from the harmful _____ of the Sun.

Ans: Ultraviolet rays

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Q4: The fourth state of matter is ____?

Ans: Plasma

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Q5: Which of the following is used in fire 'extinguishers'?

Ans: Carbon dioxide

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Q6: What type of acid is used in car batteries?

Ans: Sulphuric acid

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Q7: The hardest substance in the world is known as?

Ans: Diamond

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Q8: Which of the following gases is commonly used as a refrigerant in domestic refrigerators for cooling?

Ans: Freon/ammonia

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Q9: What is Dry Ice?

Ans: Solid Carbon dioxide

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Q10: The boiling point of water on a centigrade scale is?

Ans: 100°C

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Q11: Which gas is commonly used in balloons and airships?

Ans: Helium

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Q12: Bronze is an alloy of ____?

Ans: Copper and Tin

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Q13: Cooking gas is mixture of ____?

Ans: Propane and Butane

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Q14: The most abundant metal in the Earth's crust is ____?

Ans: Aluminum

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Q15: Which of following is used in pencils as a lubricant?

Ans: Graphite

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Q16: Neutron was discovered by?

Ans: Chadwick

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Q17: Common name for Sodium chloride (NaCl) is?

Ans: Salt

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Q18: CNG stands for _____?

Ans: Compressed Natural Gas

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Q19: The lightest gas that provides a larger elevation for balloons and is the lightest of all gases is _____?

Ans: Hydrogen

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Q20: The density of water is _____?

Ans: 1 g/cm³

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Q21: The only elemental metal that is liquid at room temperature is _____?

Ans: Mercury

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Q22: Proton was discovered by _____?

Ans: Ernest Rutherford

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Q23: Who invented dynamite?

Ans: Dr. Alfred B. Nobel

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Q24: Stainless steel is an alloy of _____?

Ans: Iron, Chromium and Nickel

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Q25: What is the primary/main component of natural gas?

Ans: Methane

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Q26: In periodic table symbol for Gold is?

Ans: Au

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Q27: Bauxite is an ore of ____?

Ans: Aluminum

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Q28: The pH of water is ____?

Ans: 7

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Q29: The symbol of sodium is ____?

Ans: Na

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Q30: Which chemical is used for purification (purity) of water?

Ans: Chlorine

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Q31: The process in which solid directly changes to gas is called?

Ans: Sublimation

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Q32: When a gas turns into liquid, the process is called?

Ans: Condensation

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Q33: Which of the following is the lightest metal?

Ans: Lithium

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Q34: Air is the example of a/an ____?

Ans: Mixture

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Q35: What is the first element on the periodic table?

Ans: Hydrogen

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Q36: A chemical process that changes vegetable oil into fat is called _____?

Ans: Hydrogenation

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Q37: Which gas is used in the electric bulb?

Ans: Argon

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Q38: What happens in the rusting of iron?

Ans: Oxidation

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Q39: What is the chemical formula of Baking Soda?

Ans: NaHCO_3

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Q40: Heavy water used in Nuclear reactors is also called?

Ans: Deuterium Oxide

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Q41: In the manufacture of banaspati ghee, the gas used is _____?

Ans: Hydrogen

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Q42: Diamond is an allotropic form of _____?

Ans: Carbon

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Q43: What is the atomic number of carbon?

Ans: 6

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Q44: Which gas is used to destroy the harmful bacteria in the water?

Ans: Chlorine

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Q45: The filament of an electric bulb is made of _____?

Ans: Tungsten

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Q46: Brass is an alloy of _____?

Ans: Zinc and copper

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Q47: Less than one percent of Earth's water is fresh water but Ocean contains what percent of the total water of planet Earth?

Ans: 97%

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Q48: Which metal is used in the florescent tubes and bulb of thermometer?

Ans: Mercury

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Q49: Who discovered Hydrogen?

Ans: Henry Cavendish

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Q50: Teflon is a polymer of which monomer?

Ans: Tetrafluoroethylene

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Q51: Hydrogen bomb is an example (depends upon) of the process of _____?

Ans: Nuclear Fusion

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Q52: The molecular shape of carbon dioxide (CO₂) is _____?

Ans: Linear structure

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Q53: Which poisonous gas is produced when coal is burnt without enough air supply?

Ans: Carbon monoxide

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Q54: What kind of energy is stored in a dry cell?

Ans: Chemical

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Q55: The smallest particle of an element that exhibits all the properties of the element is the _____?

Ans: Atom

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Q56: Coal gas mainly consist of _____?

Ans: Methane and hydrogen

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Q57: Which type of energy is produced during a fission reaction in a nuclear reactor?

Ans: Thermal energy

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Q58: The element used in glass preparation due to the transparent nature of its compounds is _____?

Ans: Silicon

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Q59: What is the chemical name of limestone?

Ans: Calcium carbonate

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Q60: Which of the following is used to synthesize bleaching powder?

Ans: Calcium hydroxide

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Q61: When blue litmus paper dipped acids, its colour change to ____?

Ans: Red

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Q62: In periodic table elements are arranged according to ____?

Ans: Increasing in atomic number

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Q63: Sea water can be purified by the process of ____?

Ans: Distillation

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Q64: Organic compound Cholesterol is ____?

Ans: Steroid

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Q65: Which salt is used as a laxative in medicine to treat constipation?

Ans: Epsom salt (Magnesium sulfate)

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Q66: The Uncharge Particle of atom is ____?

Ans: Neutron

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Q67: After the discovery of atomic number, scientists noted that atomic number can be used to arrange elements in a systematic way. The atomic number was discovered by ____?

Ans: Henry Moseley

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Q68: An alloy used in making heating elements for electric heating devices (electric heater) is ____?

Ans: Nichrome

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Q69: The potential of pure water is ____?

Ans: Zero

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Q70: In modern periodic table, how many periods are there?

Ans: 7

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Q71: Polythene is formed when polymers of ethene combined together. The polythene is classified as which one of the following type of plastic?

Ans: Thermoplastic

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Q72: A process in which liquid changes into gas without boiling is called?

Ans: Evaporation

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Q73: Which gas is used in decoration lighting (advertising lights)?

Ans: Neon

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Q74: In Fahrenheit scale the boiling point of water is ____?

Ans: 212°F

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Q75: What is the escape of water molecules from surface called?

Ans: Evaporation

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Q76: Ability to be hammered into sheet is called malleability. Which one of the following metals is most malleable?

Ans: Gold

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Q77: The sum of protons and neutrons in the nucleus of an atom is known as ____?

Ans: Mass Number

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Q78: Which of the following substances is used in match sticks?

Ans: Sulphur

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Q79: The Tyndall effect is used to distinguish between ____?

Ans: Solutions and Colloids

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Q80: The most electronegative element of the periodic table is ____?

Ans: Fluorine

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Q81: The maximum mass of an atom is concentrated in ____?

Ans: Nucleus

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Q82: The reaction in which an acid and a base react to form salt and water only is known as _____ reaction.

Ans: Neutralization

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Q83: An element has seven electrons in its valence shell, it's valency is ____?

Ans: 1

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Q84: In a solution, when water is used as a solvent that solution is called?

Ans: Aqueous Solution

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Q85: When cream is separated from the milk from due to its?

Ans: The density of milk increases

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Q86: An isotope of cobalt is used in the _____?

Ans: Treatment of Cancer

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Q87: What is the another name for Baking Soda?

Ans: Sodium bicarbonate

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Q88: Nuclei having the same nuclear charge but different masses are called ____?

Ans: Isotopes

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Q89: What is the factor effect of boiling water?

Ans: Air pressure

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Q90: How many times the proton is heavier than an electron?

Ans: 1836

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Q91: The flame used in cutting and welding of metals is _____?

Ans: Oxyacetylene

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Q92: What is the chemical formula of Washing Soda?

Ans: Na_2CO_3

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Q93: The symbol of element Copper is?

Ans: Cu

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Q94: The chemical formula for methane gas is?

Ans: CH₄

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Q95: Law of conservation of mass was given by ____?

Ans: Antoine Lavoisier

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Q96: The average internal temperature of human body is?

Ans: 37°C

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Q97: Which one has the longest wavelength?

Ans: Red

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Q98: Orbitals having same energy are called ____?

Ans: Degenerate orbitals

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Q99: The maximum number of electrons K orbit possesses?

Ans: 2

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Q100: For galvanizing of iron which of the following metals is used?

Ans: Zinc

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