

100 Important Chemistry Questions

| S. No. | Question | Answers |
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| 1. | Tube light is filled with? | Mercury Vapour & Argon |
| 2. | Other name of "FOOL'S GOLD" is? | Iron Pyrite |
| 3. | Non-stick coating in utensils is of? | TEFLON |
| 4. | Compounds responsible for temporary hardness of water? | Bicarbonates of Calcium and Magnesium |
| 5. | Compounds responsible for permanent hardness of water? | Sulphates and Chlorides of Calcium and Magnesium |
| 6. | Gases used for ripening raw fruits? | Ethylene & Acetylene |
| 7. | Main ore of Mercury is? | Cinnabar |
| 8. | Egg shell is made up of? | Calcium Carbonate |
| 9. | _____ is known as Artificial Silk. | Reyon |
| 10. | Water soluble Vitamins | B & C |
| 11. | Fat Soluble Vitamins | A, D, E & K |
| 12. | Common preservative in food processing industry is? | Benzoic Acid |
| 13. | First organic compound synthesized in laboratory & by whom? | Urea by Friedrich Wöhler |
| 14. | What blackens silver's shine? | Ozone Gas |
| 15. | Substance used in Cancer treatment? | Cobalt – 60 |
| 16. | Cobalt is found in? | Vitamin B ₁₂ |
| 17. | Iron is extracted from which ore? | Hematite |
| 18. | Aluminum is extracted from which ore? | Bauxite |
| 19. | Copper is extracted from which ore? | Copper Pyrite |
| 20. | Chemical name of 'Washing Soda' is? | Sodium Carbonate |
| 21. | Gases used in welding are _____? | Acetylene & Oxygen |
| 22. | Gases used by sea divers for breathing are _____? | Oxygen & Helium |
| 23. | Best sources for Vitamin D are? | Sunlight & Fish liver |
| 24. | Zinc Phosphide is used as? | Rat Poison |
| 25. | Fuse wire is made up of _____ | Lead and Tin |
| 26. | Purest form of Iron is? | Wrought Iron |
| 27. | Radium is extracted from _____ | Pitchblende |
| 28. | Which agent is as 'seed' in artificial rain? | Silver Iodide |
| 29. | Oxides of metals are _____ | Alkaline |
| 30. | During the process of 'rusting', the weight of iron _____ | Increases |
| 31. | _____ (metal) is liquid at room temperature. | Gallium |
| 32. | _____ is used to prepare fire proof and water proof clothes. | Calcium hydride |
| 33. | Galvanised iron is coated with? | Zinc |
| 34. | Chemical name of Chromic Acid is? | Chromium trioxide |
| 35. | Which metal is used in Photoelectric cell? | Selenium |
| 36. | Barium Hydroxide is also known as? | Baryta Water |
| 37. | _____ elements are non-metal. | Electronegative |
| 38. | _____ is known as heavy water and used in nuclear reactor as moderator. | Deuterium Oxide (D ₂ O) |
| 39. | Deuterium is _____ of Hydrogen. | Isotope |
| 40. | Ozone is _____ of Oxygen. | Allotrope |
| 41. | Ammonia (NH ₃) is synthesized through? | Haber's Process |
| 42. | Chlorine is used to prepare _____ | PVC, Insecticides, |

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| | | herbicides |
| 43. | Which catalyst is used for the synthesis of Vanaspati Ghee? | Nickle (Ni) |
| 44. | Which catalyst is used for the synthesis of Sulphuric Acid by Contact Process? | Platinum (Pt) |
| 45. | Chemical name of Picric Acid is? | Tri Nitro Phenol |
| 46. | _____ is known as laughing gas? | N₂O |
| 47. | Chloroform in sunlight forms poisonous gas _____ . | Phosgene |
| 48. | Platinum is also called _____ . | White Gold |
| 49. | Which material is used in making of safety matches? | Red Phosphorous |
| 50. | Nail polish remover contains? | Acetone |
| 51. | Which acid is present in Orange? | Citric Acid |
| 52. | Lead pencil contains _____ . | Graphite |
| 53. | Which gas is used in filling electric bulbs _____ ? | Argon |
| 54. | Lightest metal? | Lithium |
| 55. | Acid rain is due to air pollution by? | Nitrous Oxide & Sulphur dioxide |
| 56. | Ozone is _____ . | Diamagnetic |
| 57. | Petroleum is found in _____ . | Sedimentary Rocks |
| 58. | All noble gases are? | Colourless and Odourless |
| 59. | The most abundant element in the earth's crust is ? | Oxygen |
| 60. | The lustre of a metal is due to _____ . | Presence of free electrons |
| 61. | Which gas is used in fire extinguisher? | Carbon dioxide |
| 62. | Which gas is used in cigarette lighters? | Butane |
| 63. | Biogas chiefly contains _____ . | Methane |
| 64. | Chemical used as fixer in Photography is _____ . | Sodium thiosulphate |
| 65. | Aspirin is _____ . | Acetyl Salicylic Acid |
| 66. | _____ is also known as 'Stranger Gas.' | Xenon |
| 67. | Natural rubber is a polymer derived from _____ . | Isoprene |
| 68. | 'Oil of Vitriol' is _____ . | Sulphuric acid |
| 69. | Paper is chemically _____ . | Cellulose |
| 70. | Impurity present in ore is _____ . | Gangue |
| 71. | Which is known as 'Metal of Future' ? | Titanium |
| 72. | Efficiency of the catalyst depends on its? | Molecular State |
| 73. | Most of the explosions in mines occurs due to mixing of _____ . | Methane with air |
| 74. | Vinegar is an aqueous solution of _____ . | Acetic acid |
| 75. | Kerosene is a mixture of _____ . | Aliphatic hydrocarbons |
| 76. | The important metal used with iron to produce stainless steel is _____ . | Chromium |
| 77. | Which gas is responsible for the swelling of bread? | Carbon dioxide |
| 78. | The metal constituent of chlorophyll is _____ . | Magnesium |
| 79. | Which acid is used for etching glass? | Hydrofluoric acid (HF) |
| 80. | Paraffin wax is _____ . | Saturated hydrocarbon |
| 81. | Solder is an alloy of _____ . | Tin and Lead |
| 82. | Alum is used as | A purifier for water |
| 83. | Nuclear fuel in the sun is _____ . | Helium |
| 84. | Dead organisms are transformed into petroleum and natural gas _____ . | Absence of air |
| 85. | Organic Compounds are only soluble in _____ . | Non-polar solvents |

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| 86. | Which acid is used in soft drinks? | Carbonic acid (H_2CO_3) |
| 87. | Which acid is present in Bee Sting? | Methanoic Acid |
| 88. | Tooth enamel is made up of _____ . | Calcium Phosphate |
| 89. | The name 'catalyst' was given by _____ . | Berzilius |
| 90. | A polymeric substance used to make parachute is _____ . | Viscose |
| 91. | What is used to avoid melting of ice? | Gelatine |
| 92. | Carbon occur in the nature in the purest form as? | Diamond |
| 93. | Oxidation is defined as ----- | Loss of electrons |
| 94. | In nuclear reactor, chain reaction is controlled by using _____ . | Cadmium rod |
| 95. | The radioactive element most commonly detected in humans is _____ . | Potassium – 40 |
| 96. | Hydrogen bomb is based on the principle of _____ . | Nuclear fusion |
| 97. | The ultrapure metal is obtained by _____ . | Zone refining |
| 98. | Most abundant metal in earth's crust is _____ . | Aluminium |
| 99. | Balloons are filled with _____ . | Helium |
| 100. | The element common to all acids is _____ . | Hydrogen |

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