

## CHEMISTRY

### Most Expected Questions For All Competitive Exams

1. Main ore of Mercury is? –Cinnabar
2. Egg shell is made up of? –Calcium Carbonate
3. \_\_\_\_\_ is known as Artificial Silk. –Rayon
4. Water soluble Vitamins –B & C
5. Fat Soluble Vitamins –A, D, E & K
6. Common preservative in food processing industry is? –Benzoic Acid
7. First organic compound synthesized in laboratory & by whom? –Urea by Friedrich Wohler
8. Gases used in welding are \_\_\_\_\_? –Acetylene & Oxygen
9. Gases used by sea divers for breathing are \_\_\_\_\_? –Oxygen & Helium
10. Best sources for Vitamin D are? –Sunlight & Fish liver
11. Zinc Phosphide is used as? –Rat Poison
12. Fuse wire is made up of \_\_\_\_\_. –Lead and Tin
13. Purest form of Iron is? –Wrought Iron
14. Radium is extracted from \_\_\_\_\_. –Pitchblende
15. Which agent is as 'seed' in artificial rain? –Silver Iodide
16. Oxides of metals are \_\_\_\_\_. –Alkaline
17. During the process of 'rusting', the weight of iron \_\_\_\_\_. –Increases
18. \_\_\_\_\_ (metal) is liquid at room temperature. –Gallium
19. \_\_\_\_\_ is used to prepare fire proof and water proof clothes. –Calcium hydride
20. Tube light is filled with? –Mercury Vapour & Argon
21. Other name of "FOOL'S GOLD" is? –Iron Pyrite
22. Non-stick coating in utensils is of? –TEFLON
23. Compounds responsible for temporary hardness of water? –Bicarbonates of Calcium and Magnesium
24. Compounds responsible for permanent hardness of water? –Sulphates and Chlorides of Calcium and Magnesium
25. Gases used for ripening raw fruits? –Ethylene & Acetylene
26. Galvanised iron is coated with? –Zinc
27. Chemical name of Chromic Acid is? –Chromium trioxide
28. Which metal is used in Photoelectric cell? –Selenium
29. Barium Hydroxide is also known as? –Baryta Water
30. \_\_\_\_\_ elements are non-metal. –Electronegative
31. \_\_\_\_\_ is known as heavy water and used in nuclear reactor as moderator. –Deuterium Oxide (D2O)
32. Deuterium is \_\_\_\_\_ of Hydrogen. –Isotope
33. Ozone is \_\_\_\_\_ of Oxygen. –Allotrope
34. Ammonia (NH<sub>3</sub>) is synthesized through? –Haber's Process
35. Chlorine is used to prepare \_\_\_\_\_. –PVC, Insecticides, herbicides
36. All noble gases are? –Colourless and Odourless
37. What blackens silver's shine? –Ozone Gas

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38. Substance used in Cancer treatment? –Cobalt-60
39. Cobalt is found in? –Vitamin B12
40. Iron is extracted from which ore? –Hematite
41. Aluminum is extracted from which ore? –Bauxite
42. Copper is extracted from which ore? –Copper Pyrite
43. Chemical name of 'Washing Soda' is? –Sodium Carbonate
44. The most abundant element in the earth's crust is? –Oxygen
45. The lustre of a metal is due to \_\_\_\_\_. –Presence of free electrons
46. Which gas is used in fire extinguisher? –Carbon dioxide
47. Which gas is used in cigarette lighters? –Butane
48. Biogas chiefly contains \_\_\_\_\_. –Methane
49. Chemical used as fixer in Photography is \_\_\_\_\_. –Sodium thiosulphate
50. Aspirin is \_\_\_\_\_. –Acetyl Salicylic Acid
51. Solder is an alloy of \_\_\_\_\_. –Tin and Lead
52. Alum is used as –A purifier for water
53. Nuclear fuel in the sun is \_\_\_\_\_. –Helium
54. Dead organisms are transformed into petroleum and natural gas \_\_\_\_\_. –Absence of air
55. Organic Compounds are only soluble in \_\_\_\_\_. –Non-polar solvents
56. Which acid is used in soft drinks? –Carbonic acid ( $H_2CO_3$ )
57. Which acid is present in Bee Sting? –Methanoic Acid
58. Tooth enamel is made up of \_\_\_\_\_. –Calcium Phosphate
59. The name 'catalyst' was given by \_\_\_\_\_. –Berzilius
60. A polymeric substance used to make parachute is \_\_\_\_\_. –Viscose
61. What is used to avoid melting of ice? –Gelatine
62. Carbon occur in the nature in the purest form as? –Diamond
63. Oxidation is defined as \_\_\_\_\_. –Loss of electrons
64. In nuclear reactor, chain reaction is controlled by using \_\_\_\_\_. –Cadmium rod
65. The radioactive element most commonly detected in humans is \_\_\_\_\_. –Potassium-40
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. The metal constituent of chlorophyll is \_\_\_\_\_. –Magnesium
74. Which acid is used for etching glass? –Hydrofluoric acid (HF)

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75. Paraffin wax is \_\_\_\_\_. –Saturated hydrocarbon
76. Hydrogen bomb is based on the principle of \_\_\_\_\_. –Nuclear fusion
77. The ultrapure metal is obtained by \_\_\_\_\_. –Zone refining
78. Most abundant metal in earth's crust is \_\_\_\_\_. –Aluminium
79. Balloons are filled with \_\_\_\_\_. –Helium
80. The element common to all acids is \_\_\_\_\_. –Hydrogen
81. Which catalyst is used for the synthesis of Vanaspati Ghee? –Nickle (Ni)
82. Which catalyst is used for the synthesis of Sulphuric Acid by Contact Process? –Platinum (Pt)
83. Chemical name of Picric Acid is? –Tri Nitro Phenol
84. \_\_\_\_\_ is known as laughing gas? –N<sub>2</sub>O
85. Chloroform in sunlight forms poisonous gas \_\_\_\_\_. –Phosgene
86. Most of the explosions in mines occurs due to mixing of \_\_\_\_\_. –Methane with air
87. Vinegar is an aqueous solution of \_\_\_\_\_. –Acetic acid
88. Kerosene is a mixture of \_\_\_\_\_. –Aliphatic hydrocarbons
89. The important metal used with iron to produce stainless steel is \_\_\_\_\_. –Chromium
90. Which gas is responsible for the swelling of bread? –Carbon dioxide
91. Platinum is also called \_\_\_\_\_. –White Gold
92. Which material is used in making of safety matches? –Red Phosphorous
93. Nail polish remover contains? –Acetone
94. Which acid is present in Orange? –Citric Acid
95. Lead pencil contains \_\_\_\_\_. –Graphite
96. Which gas is used in filling electric bulbs \_\_\_\_? –Argon
97. Lightest metal? –Lithium
98. Acid rain is due to air pollution by? –Nitrous Oxide & Sulphur dioxide
99. Ozone is \_\_\_\_\_. –Diamagnetic
100. Petroleum is found in \_\_\_\_\_. –Sedimentary Rocks

