

## States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	The branch of chemistry that is concerned with the large scale production of chemical substances is.	A. Environmental chemistry B. Inorganic chemistry C. Physical Chemistry D. Industrial chemistry
2	Matter is present in neon signs in the state of	A. Supercritical fluid B. Gas C. Liquid Crystal D. Plasma
3	Which one of the suspension.	A. Chalk in water B. Toothpaste C. Ink D. Blood
4	The branch of science helps to understand chemical product and process that reduce the use of hazardous substances.	A. Green chemistry B. Astrochemistry C. Analytical chemistry D. Physical Chemistry
5	Polymers are sometimes called	A. Monomers B. Micromolecules C. Macromolecules D. None of these
6	Which branch of chemistry deals with elements and compounds in earth's crust.	A. Polymer chemistry B. Organic chemistry C. Geochemistry D. Physical chemistry
7	Buckyballs also known as.	A. Fullerenes B. Graphite C. Both a and b D. None of these
8	Pressure is a significant property of.	A. Gas B. Solid C. Liquid D. None of these
9	The solubility of which salt decreases with the increase of temperature.	A. $\text{KNO}_3$ B. $\text{Li}_2\text{SO}_4$ C. $\text{KCl}$ D. $\text{NaNO}_3$
10	The simplest form of matter	A. Liquid B. Solid C. Gas D. Both b and c
11	The batteries in our vehicles are built on the principle of electrochemistry. It is the application.	A. Astrochemistry B. Physical chemistry C. Analytical chemistry D. Organic chemistry
12	A substance formed when two or more different elements combine chemically.	A. Compound B. Solution C. Element D. Atom
13	Which liquid among the following is a colloidal solution.	A. Milk B. Slaked lime used for white wash C. Vinegar solution D. Mixture of $\text{AgCl}$ in water
14	Which branch of chemistry gives information about starch synthesis in plants?	A. Biochemistry B. Organic chemistry C. Environmental chemistry D. Inorganic Chemistry
15	You are studying the rate of hydrolysis of organic compounds under different conditions of temperature. In which branch of chemistry this topic will fall	A. Organic Chemistry B. analytical chemistry C. Biochemistry D. Physical Chemistry

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16	How many state of matter exist.	A. One B. Two C. Three D. Four
17	Which area of chemistry improves to gauge the behavior of pollutants and develop techniques for pollution control?	A. analytical chemistry B. geochemistry C. Organic chemistry D. Environmental Chemistry
18	The structure of C atom in diamond is.	A. Pentagonal B. Triangle C. Hexahedral D. Tetrahedral
19	A good example of homogeneous mixture is.	A. Soil B. Ice-Cream C. Rock D. Wood
20	Which branch of chemistry helps to protect water that has been poisoned by soil.	A. Organic chemistry B. inorganic chemistry C. Environmental chemistry D. Geochemistry

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