

## States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	You are studying the rate of hydrolysis of organic compound starch 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
2	Polymers are sometimes called	A. Monomers B. Micromolecules C. Macromolecules D. None of these
3	Which branch of chemistry tells us sulphuric acid is extremely corrosive to skin.	A. Organic chemistry B. Physical chemistry C. Inorganic chemistry D. Biochemistry
4	Hazardous effects of shopping bags are studied in	A. Geochemistry B. Inorganic chemistry C. Environmental chemistry D. analytical chemistry
5	The branch of chemistry that focuses on the study of polymers, their types properties, uses is called.	A. Industrial chemistry B. Polymer chemistry C. Organic chemistry D. Astrochemistry
6	Macroscopic properties are properties that can be visualized by	A. Telescope B. The naked eye C. Microscope D. Electron microscope
7	Building block of all matter is.	A. element B. Compound C. Mixture D. Atom
8	When the tiny particles of a substance are dispersed through a medium, the mixture is named as.	A. True solution B. Suspension C. Colloid D. Heterogeneous mixture
9	Diamond is.....	A. conductor B. non-conductor C. both a and b D. None of these
10	Which branch of chemistry deals with the study of stars, planets, comets and interstellar space.	A. Physical chemistry B. Medicinal chemistry C. Astrochemistry D. Geochemistry
11	Mixture can be separated by means of	A. Nuclear method B. Physical method C. Chemical Method D. All of these
12	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
13	To identify the concentration of a particular solution through titration is an application of.	A. astrochemistry B. analytical chemistry C. geochemistry D. Organic chemistry
14	A state of matter whose properties are between those of liquids and crystalline solids.	A. Plasma B. dark matter C. Liquid crystal D. Supercritical fluid
15	Which one of the examples of colloid.	A. Paints B. Milk of magnesia C. Jelly D. None of these

16	Solubility of which salt increases with the increase of temperature.	A. $\text{KNO}_3$ B. $\text{KCl}$ C. $\text{NaNO}_3$ D. All of These
17	Which is deal with composition, structure, properties, behavior and changes of matter and energy.	A. Technology B. Chemistry C. Engineering D. Science
18	Following are state of matter.	A. Liquid B. Solid C. Gas D. All of these
19	Graphite is .....conductor of electricity	A. Bad B. Moderate C. Good D. None of these
20	Which one of the following is heterogeneous mixture.	A. Milk B. Ink C. Sugar solution D. Milk of magnesia