

## States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	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
2	How many states of matter exist.	A. One B. Two C. Three D. Four
3	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
4	Which branch of chemistry tells us sulphuric acid is extremely corrosive to skin.	A. Organic chemistry B. Physical chemistry C. Inorganic chemistry D. Biochemistry
5	Which one of the following will show negligible effect of temperature on its solubility.	A. KCl B. KNO <sub>3</sub> C. NaCl D. NaNO <sub>3</sub>
6	Matter is present in neon signs in the state of	A. Supercritical fluid B. Gas C. Liquid Crystal D. Plasma
7	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
8	Which liquid among the following is a colloidal solution.	A. Milk B. Slaked lime used for white wash C. Vinegar solution D. Mixture of AgCl in water
9	Solubility of which salt increases with the increase of temperature.	A. KNO <sub>3</sub> B. KCl C. NaNO <sub>3</sub> D. All of These
10	Which branch of chemistry is the study of elements and their compounds except for organic compounds?	A. Physical Chemistry B. Geochemistry C. Organic chemistry D. Inorganic chemistry
11	Which branch of chemistry gives information about starch synthesis in plants?	A. Biochemistry B. Organic chemistry C. Environmental chemistry D. Inorganic Chemistry
12	A good example of homogeneous mixture is.	A. Soil B. Ice-Cream C. Rock D. Wood
13	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
14	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
15	Which branches of chemistry deal with the changes that occur in atomic nuclei.	A. Environmental chemistry B. nuclear chemistry C. Astrochemistry D. Biochemistry

16	Any thing that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
17	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
18	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
19	The solubility of which salt decreases with the increase of temperature.	A. KNO <sub>3</sub> B. Li <sub>2</sub> SO <sub>4</sub> C. KCl D. NaNO <sub>3</sub>
20	A substance formed when two or more different elements combine chemically.	A. Compound B. Solution C. Element D. Atom