

States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	The study of the interaction between drugs and biological targets, as well as the development of new medicinal agents.	A. Inorganic Chemistry B. Organic chemistry C. Medicinal Chemistry D. Environmental chemistry
2	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
3	Macroscopic properties are properties that can be visualized by	A. Telescope B. The naked eye C. Microscope D. Electron microscope
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 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
6	A good example of homogeneous mixture is.	A. Soil B. Ice-Cream C. Rock D. Wood
7	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
8	Buckyballs also known as.	A. Fullerenes B. Graphite C. Both a and b D. None of these
9	In which state of matter does not have definite shape and volume.	A. Liquid B. Gas C. Solid D. All of these
10	Solubility of which salt increases with the increase of temperature.	A. KNO ₃ B. KCl C. NaNO ₃ D. All of These
11	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
12	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
13	Mixture can be separated by means of	A. Nuclear method B. Physical method C. Chemical Method D. All of these
14	The simplest form of matter	A. Liquid B. Solid C. Gas D. Both b and c
15	Allotropes of oxygen are	A. 2 B. 3 C. 4 D. 5

16	The crystals of which substance has rhombic shape?	A. Brass B. Bronze C. Sulphur D. Graphite
17	Following are state of matter.	A. Liquid B. Solid C. Gas D. All of these
18	To identify the concentration of a particular solution through titration is an application of.	A. astrochemistry B. analytical chemistry C. geochemistry D. Organic chemistry
19	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
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