

States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	Hazardous effects of shopping bags are studied in	A. Geochemistry B. Inorganic chemistry C. Environmental chemistry D. analytical chemistry
2	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
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	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
5	Which one of the following will show negligible effect of temperature on its solubility.	A. KCl B. KNO ₃ C. NaCl D. NaNO ₃
6	Any thing that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
7	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
8	Which branch of chemistry gives information about starch synthesis in plants?	A. Biochemistry B. Organic chemistry C. Environmental chemistry D. Inorganic Chemistry
9	To identify the concentration of a particular solution through titration is an application of.	A. astrochemistry B. analytical chemistry C. geochemistry D. Organic chemistry
10	Building block of all matter is.	A. element B. Compound C. Mixture D. Atom
11	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
12	The simplest form of matter	A. Liquid B. Solid C. Gas D. Both b and c
13	Which one of the examples of colloid.	A. Paints B. Milk of magnesia C. Jelly D. None of these
14	Matter can be described by both is	A. Chemical Properties B. Physical Properties C. Physical properties and chemical properties D. None of these
15	Which is deal with composition, structure, properties, behavior and changes of matter and energy.	A. Technology B. Chemistry C. Engineering D. None of these

16	Mixture can be separated by means of	A. Nuclear method B. Physical method C. Chemical Method D. All of these
17	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
18	Example of heterogeneous mixture is	A. Soil B. Gasoline C. Air D. Ice Cream
19	A good example of homogeneous mixture is.	A. Soil B. Ice-Cream C. Rock D. Wood
20	The crystals of which substance has rhombic shape?	A. Brass B. Bronze C. Sulphur D. Graphite