

## States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	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
2	Which of the following is a heterogeneous mixture	A. Concrete mixture B. a solution of potassium nitrate in water C. a solution of calcium hydroxide in water D. Hot chocolate
3	Which is deal with composition, structure, properties, behavior and changes of matter and energy.	A. Technology B. Chemistry C. Engineering D. Science
4	Which branches of chemistry deals with the changes that occur in atomic nuclei.	A. Environmental chemistry B. nuclear chemistry C. Astrochemistry D. Bio chemistry
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	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>
7	Which state of matter has fixed shape and volume?	A. Liquid B. Solid C. Gas D. All of these
8	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
9	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
10	Allotropes of oxygen are	A. 2 B. 3 C. 4 D. 5
11	Matter can be described by both is	A. Chemical Properties B. Physical Properties C. Physical properties and chemical properties D. None of these
12	How many states of matter exist.	A. One B. Two C. Three D. Four
13	Diamond is.....	A. conductor B. non-conductor C. both a and b D. None of these
14	Which branch of chemistry deals with elements and compounds in earth's crust.	A. Polymer chemistry B. Organic chemistry C. Geochemistry D. Physical chemistry
		A. Liquid

15	In which state of matter does not have definite shape and volume.	B. Gas C. Solid D. All of these
16	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
17	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
18	Which one of the examples of colloid.	A. Paints B. Milk of magnesia C. Jelly D. None of these
19	To identify the concentration of a particular solution through titration is an application of.	A. astrochemistry B. analytical chemistry C. geochemistry D. Organic chemistry
20	Which one of the following is a heterogeneous mixture.	A. Milk B. Ink C. Sugar solution D. Milk of magnesia