

## 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	Building block of all matter is.	A. element B. Compound C. Mixture D. Atom
3	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
4	In which state of matter does not have definite shape and volume.	A. Liquid B. Gas C. Solid D. All of these
5	Any thing that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
6	Matter can be described by both is	A. Chemical Properties B. Physical Properties C. Physical properties and chemical properties D. None of these
7	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
8	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
9	The branch of science helps to understand chemical products and processes that reduce the use of hazardous substances.	A. Green chemistry B. Astrochemistry C. Analytical chemistry D. Physical Chemistry
10	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
11	Pressure is a significant property of.	A. Gas B. Solid C. Liquid D. None of these
12	Following are states of matter.	A. Liquid B. Solid C. Gas D. All of these
13	Which state of matter has fixed shape and volume?	A. Liquid B. Solid C. Gas D. All of these
14	Buckyballs are also known as.	A. Fullerenes B. Graphite C. Both a and b D. None of these
15	Which one of the following will show negligible effect of temperature on its solubility.	A. KCl B. KNO <sub>3</sub> C. NaCl D. NH <sub>4</sub> Cl

D.  $\text{NaNO}_3$

16 Which branch of chemistry deals with elements and compounds in earth's crust.

- A. Polymer chemistry
- B. Organic chemistry
- C. Geochemistry
- D. Physical chemistry

17 How many states of matter exist.

- A. One
- B. Two
- C. Three
- D. Four

18 Example of heterogeneous mixture is

- A. Soil
- B. Gasoline
- C. Air
- D. Ice Cream

19 Which branch of chemistry tells us sulphuric acid is extremely corrosive to skin.

- A. Organic chemistry
- B. Physical chemistry
- C. Inorganic chemistry
- D. Biochemistry

20 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