

States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	In which state of matter does not have definite shape and volume.	A. Liquid B. Gas C. Solid D. All of these
2	The man made polymer is	A. Polystyrene B. Starch C. Protein D. Cellulose
3	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
4	The branch of chemistry that helps to treat diseases and synthesize new medicines.	A. Physical Chemistry B. Environmental Chemistry C. Organic chemistry D. Inorganic chemistry
5	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
6	Example of heterogeneous mixture is	A. Soil B. Gasoline C. AIR D. Ice Cream
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 is concerned with the large scale production of chemical substances is.	A. Environmental chemistry B. Inorganic chemistry C. Physical Chemistry D. Industrial chemistry
9	Matter can be described by both is	A. Chemical Properties B. Physical Properties C. Physical properties and chemical properties D. None of these
10	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
11	Anything that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
12	Pressure is a significant property of.	A. Gas B. Solid C. Liquid D. None of these
13	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
14	In diamond, each C-atom is covalently bonded with.....C-atom	A. Two B. Three C. Four D. Five
15	Which branch of chemistry tells us sulphuric acid is extremely corrosive to skin.	A. Organic chemistry B. Physical chemistry C. Inorganic chemistry D. Environmental chemistry

D. Biochemistry

16 The structure of C atom in diamond is.

- A. Pentagonal
- B. Triangle
- C. Hexahedral
- D. Tetrahedral

17 Hazardous effects of shopping bags are studied in

- A. Geochemistry
- B. Inorganic chemistry
- C. Environmental chemistry
- D. analytical chemistry

18 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

19 How many state of matter exist.

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

20 Which branch of chemistry deals with elements and compounds is earth's crust.

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