

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	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	A good example of homogeneous mixture is.	A. Soil B. Ice-Cream C. Rock D. Wood
4	The solubility of which salt decreases with the increase of temperature.	A. KNO ₃ B. Li ₂ SO ₄ C. KCl D. NaNO ₃
5	Any thing that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
6	Example of heterogeneous mixture is	A. Soil B. Gasoline C. AIR D. Ice Cream
7	The man made polymer is	A. Polystyrene B. Starch C. Protein D. Cellulose
8	Solubility of which salt increases with the increase of temperature.	A. KNO ₃ B. KCl C. NaNO ₃ D. All of These
9	Matter is present in neon signs in the state of	A. Supercritical fluid B. Gas C. Liquid Crystal D. Plasma
10	Building block of all matter is.	A. element B. Compound C. Mixture D. Atom
11	Which branch of chemistry deals with elements and compounds in earth's crust.	A. Polymer chemistry B. Organic chemistry C. Geochemistry D. Physical chemistry
12	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
13	Allotropes of oxygen are	A. 2 B. 3 C. 4 D. 5
14	Mixture can be separated by means of	A. Nuclear method B. Physical method C. Chemical Method D. All of these
15	Which branches of chemistry deal with the changes that occur in atomic nuclei.	A. Environmental chemistry B. nuclear chemistry C. Astrochemistry D. Bio chemistry

16	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
17	Hazardous effects of shopping bags are studied in	A. Geochemistry B. Inorganic chemistry C. Environmental chemistry D. analytical chemistry
18	Which one of the suspension.	A. Chalk in water B. Toothpaste C. Ink D. Blood
19	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
20	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