

States of Matter and Phase Changes

Sr	Questions	Answers Choice
1	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
2	A substance formed when two or more different elements combine chemically.	A. Compound B. Solution C. Element D. Atom
3	Which state of matter has fixed shape and volume?	A. Liquid B. Solid C. Gas D. All of these
4	Which branch of chemistry tells us sulphuric acid is extremely corrosive to skin.	A. Organic chemistry B. Physical chemistry C. Inorganic chemistry D. Biochemistry
5	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
6	Building block of all matter is.	A. element B. Compound C. Mixture D. Atom
7	The structure of C atom in diamond is.	A. Pentagonal B. Triangle C. Hexahedral D. Tetrahedral
8	Which one of the following is heterogeneous mixture.	A. Milk B. Ink C. Sugar solution D. Milk of magnesia
9	The solubility of which salt decreases with the increase of temperature.	A. KNO ₃ B. Li ₂ SO ₄ C. KCl D. NaNO ₃
10	Graphite isconductor of electricity	A. Bad B. Moderate C. Good D. None of these
11	Hazardous effects of shopping bags are studied in	A. Geochemistry B. Inorganic chemistry C. Environmental chemistry D. analytical chemistry
12	Which one of the following will show negligible effect of temperature on its solubility.	A. KCl B. KNO ₃ C. NaCl D. NaNO ₃
13	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
14	The crystals of which substance has rhombic shape?	A. Brass B. Bronze C. Sulphur D. Graphite
15	Allotropes of oxygen are	A. 2 B. 3 C. 4 D. 5

16	Which is deal with compositon, structure, properties, behavior and changes of matter and energy.	A. Technology B. Chemistry C. Engineering D. Science
17	Macroscopic propertues are properties that can be visualized by	A. Telescope B. The naked eye C. Microscope D. Electron microscope
18	A good example of homogeneous mixture is.	A. Soil B. Ice-Creem C. Rock D. Wood
19	In whcih state of matter does not hae definite shape and volume.	A. Liquid B. Gas C. Solid D. All of these
20	Any thing that has mass and occupies space is called.	A. Liquid B. Gas C. Solid D. Matter
