

## States of Matter and Phase Changes

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | Matter can be described by both is  | A. Chemical Properties<br>B. Physical Properties<br>C. Physical properties and chemical properties<br>D. None of these |
| 2  | Which branches of chemistry deals with the changes that occur in atomic nuclei.   | A. Environmental chemistry<br>B. nuclear chemistry<br>C. Astrochemistry<br>D. Bio chemistry                            |
| 3  | Pressure is a significant property of.  | A. Gas<br>B. Solid<br>C. Liquid<br>D. None of these  |
| 4  | Which branch of chemistry deals with elements and compounds in earth's crust.   | A. Polymer chemistry<br>B. Organic chemistry<br>C. Geochemistry<br>D. Physical chemistry                               |
| 5  | Graphite is .....conductor of electricity   | A. Bad<br>B. Moderate<br>C. Good<br>D. None of these   |
| 6  | Which one of the following is heterogeneous mixture.  | A. Milk<br>B. Ink<br>C. Sugar solution<br>D. Milk of magnesia  |
| 7  | The structure of C atom in diamond is.  | A. Pentagonal<br>B. Triangle<br>C. Hexahedral<br>D. Tetrahedral  |
| 8  | When the tiny particles of a substance are dispersed through a medium, the mixture is named as.   | A. True solution<br>B. Suspension<br>C. Colloid<br>D. Heterogeneous mixture  |
| 9  | Polymers are sometimes called   | A. Monomers<br>B. Micromolecules<br>C. Macromolecules<br>D. None of these  |
| 10 | Which is deal with composition, structure, properties, behavior and changes of matter and energy.   | A. Technology<br>B. Chemistry<br>C. Engineering<br>D. Science  |
| 11 | Allotropes of oxygen are  | A. 2<br>B. 3<br>C. 4<br>D. 5   |
| 12 | Hazardous effects of shopping bags are studied in   | A. Geochemistry<br>B. Inorganic chemistry<br>C. Environmental chemistry<br>D. analytical chemistry                     |
| 13 | Which one of the following will show negligible effect of temperature on its solubility.  | A. KCl<br>B. KNO <sub>3</sub><br>C. NaCl<br>D. NaNO <sub>3</sub>   |
| 14 | 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<br>B. analytical chemistry<br>C. Biochemistry<br>D. Physical Chemistry                            |
| 15 | Following are state of matter.  | A. Liquid<br>B. Solid<br>C. Gas<br>D. All of these   |

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| 16 | Building block of all matter is.   | A. element<br>B. Compound<br>C. Mixture<br>D. Atom   |
| 17 | The branch of science helps to understand chemical product and process that reduce the use of hazardous substances.    | A. Green chemistry<br>B. Astrochemistry<br>C. Analytical chemistry<br>D. Physical Chemistry            |
| 18 | A substance formed when two or more different elements combine chemically.   | A. Compound<br>B. Solution<br>C. Element<br>D. Atom  |
| 19 | Which state of matter has fixed shape and volume?  | A. Liquid<br>B. Solid<br>C. Gas<br>D. All of these   |
| 20 | The study of the interaction between drugs and biological targets, as well as the development of new medicinal agents. | A. Inorganic Chemistry<br>B. Organic chemistry<br>C. Medicinal Chemistry<br>D. Environmental chemistry |