

States of Matter and Phase Changes

| Sr | Questions | Answers Choice |
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| 1 | Hazardous effects of shopping bags are studied in | A. Geochemistry B. Inorganic chemistry C. Environmental chemistry D. analytical chemistry |
| 2 | To Identify the concentration of a particular solution through titration is and application of. | A. astrochemistry B. analytical chemistry C. geochemistry D. Organic chemistry |
| 3 | A substance formed when two or more different elements combine chemically. | A. Compound B. Solution C. Element D. Atom |
| 4 | The solubility of which salt decreases with the increase of temperture. | A. KNO ₃ B. Li ₂ SO ₄ C. KCl D. NaNO ₃ |
| 5 | Matter can be described by both is | A. Chemical Properties B. Physical Properties C. Physical propeties and chemcial properties D. None of these |
| 6 | Which is deal with compositon, structure, properties, behavior and changes of matter and energy. | A. Technology B. Chemistry C. Engineering D. Science |
| 7 | Whcih branches of chemistry deals with the changes that occur in atomic nuclei. | A. Environmental chemistry B. nuclear chemistry C. Astrochemistry D. Bio chemistry |
| 8 | 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 |
| 9 | The study of theinteraction between drugs and biological targets, as wellas the development of new medicinal agents. | A. Inorganic Chemistry B. Organic chemistry C. Medicinal Chemistry D. Environmental chemistry |
| 10 | Macroscopic propertues are properties that can be visualized by | A. Telescope B. The naked eye C. Microscope D. Electron microscope |
| 11 | In diamond, each C-atom is covaently bonded wih.....C-atom | A. Two B. Three C. Four D. Five |
| 12 | When the tiny particles of a substance are dispersed atthough a medicium, the mixture is named as. | A. True solution B. Suspension C. Colloid D. Heterogeneios mixture |
| 13 | The simplist form of matter | A. Liquid B. Solid C. Gas D. Both b and c |
| 14 | Which branch of chemistry give information about starch syntehsis in plants? | A. Biochimstry B. Organic chemistry C. Environmental chemistry D. Inorganic Chemistry |
| | | A. KCl |

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| 15 | Which one of the following will show negligible effect of temperature on its solubility. | B. KNO_3 C. NaCl D. NaNO_3 |
| 16 | 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 |
| 17 | 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 |
| 18 | Which branch of chemistry deals with the study of stars, planets, comets and interstellar space. | A. Physical chemistry B. Medicinal chemistry C. Astrochemistry D. Geochemistry |
| 19 | Mixture can be separated by means of | A. Nuclear method B. Physical method C. Chemical Method D. All of these |
| 20 | Which one of the following is heterogeneous mixture. | A. Milk B. Ink C. Sugar solution D. Milk of magnesia |