

Fsc Part 1 Chemistry MCQ's Test For Full Book

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | Acid rain is mainly due to | A. SO ₃ and NO ₃ B. CO ₂ C. H ₂ D. CH ₄ |
| 2 | Which law states that enthalpy change is independent of the path taken. | A. Hess's law B. Boyle's law C. Avogadr's law D. Dalto's law |
| 3 | The rate determinig step in a multistep reaction is | A. The slowest step B. Always the first step C. Always the last step D. The fastest step |
| 4 | Major human soruces of CO ₂ increase in atmosphere is | A. Fossil fuel combuston and deforestation B. Photosyntheiss C. Ocean uptake D. Nitrogen fixation |
| 5 | 1st ionization energy is. | A. <p>Exothermic</p> B. <p>Endothermic</p> C. <p>Both</p> D. <p>Depend upon atom</p> |
| 6 | The anode in electrolysis of molten NaCl is | A. Na ⁺ B. Cl ⁻ C. Na D. H ⁻ |
| 7 | Liquid crystals are used in thermometers becasue. | A. <p>They arehighly reflective</p> B. <p>They glow at high temperatures</p> C. <p>Their color changes with temperature</p> D. <p>They conduct electricity</p> |
| 8 | The chromyl chloride test is a specific confirmatory test for | A. Chloride ions B. Bromide ion C. Iodide ions D. sulfate ions |
| 9 | NO ₂ in the atmosphere contributes to | A. Acid rain formation and photochemical smog B. Ozone layer repair C. Decreasing greenhous of effect only D. Buildig of clouds only |
| 10 | In contact process arsenic purifier uses.....for absorption of arsenic oxide. | A. Galatinous ferric hydroxide B. Vanadium pentaoxide C. Iron pyrite D. None of above |
| 11 | Classical smog is | A. Oxidation B. Reducing C. Both oxidizing and reducing D. None of these |
| 12 | Which of the following is a characteristic of crystalline solids. | A. <p>They do not have a definite geometrical shape</p> B. <p>They melt over a wide temerature range</p> C. <p>They have a sharp melting point</p> D. <p>Their properties do not depend on the directionof measurement</p> |
| 13 | If the electronegativity differene between bonded atoms is more than 0.5 but less than 1.7, the bond will be. | A. <p>Ionic</p> B. <p>Polar Covalent</p> C. <p>Non polar covalent</p> D. <p>Coordinate covalent</p> |

14 The number of atoms present in 6 g of Mg metal is.

A. 12.4×10^{23}
B. 6.02×10^{23}
C. 1.5×10^{23}
D. 3.01×10^{23}

15 The number of moles of CH₄ in 4 g of gas is

A. 0.2 moles
B. 0.25 mole
C. 0.3 mol
D. 0.4 mole

16 The more positive the standard reduction potential

A. The stronger the reducing agent
B. The weaker the oxidizing agent
C. The stronger the oxidizing agent
D. No effect

17 The chemical species responsible for ozone depletion by chlorofluorcarbons is.

A. Chloride free radical
B. CFC molecule itself
C. UV rays
D. Organic compounds

18 A reversible reaction is one which

A. Proceeds to completion
B. Occurs only in one direction
C. Proceeds in both directions
D. Has no products

19 27 g of Al will react completely with how much mass of O₂ to produce Al₂O₃.

A. 8 g
B. 24 g
C. 16 g
D. 32 g

20 Standard electrode potential is measured under

A. 100 oC and 1 atm
B. 0 oC and 1 M concentration
C. 25 oC and 1 M concentration
D. 100 oC and 1 M concentration