

Fsc Part 1 Chemistry MCQ's Test For Full Book

| Sr | Questions | Answers Choice |
|----|--|---|
| 1 | Which component maintains electrical neutrality in an electrochemical cell | A. Salt bridge B. Voltmeter C. Electrolyte D. Electrodes |
| 2 | Dipole moment is the product of. | A. <p>Charge x displacement</p> B. <p>Charge x distance</p> C. <p>Newton x displacement</p> D. <p>Charge x mass</p> |
| 3 | How many moles of water are produced by burning 4 moles of H ₂ with excess of oxygen. | A. <p>1 mole</p> B. <p>2 moles</p> C. <p>3 moles</p> D. <p>4 moles</p> |
| 4 | Rate of fastest | A. At start B. In middle C. At end D. After completion |
| 5 | Which of the following metals would most readily displace hydrogen gas from dilute acids. | A. Copper B. Silver C. Magnesium D. Platinum |
| 6 | Q < K implies. | A. Reaction proceeds forward B. equilibrium is established C. System stops D. Reaction shifts in reverse |
| 7 | Law of mass action applies to | A. Closed systems only B. Open systems C. Irreversible systems D. Combustion reactions |
| 8 | Which one of the following has maximum mass. | A. <p>0.5 mol of N₂</p> B. <p>0.5 Mol of NH₃</p> C. <p>0.5 mol of He</p> D. <p>0.5 mol of H₂</p> |
| 9 | Which of the following has minimum mass | A. <p>3 x 10 ²³ atom of C</p> B. <p>1 mole of S</p> C. <p>79 gram of Ag</p> D. <p>2 gram atoms of N</p> |
| 10 | Which of the following is an addition polymer. | A. Nylon B. Bakelite C. Polyethylene D. Terylene |
| 11 | A salt from strong acid+weak base gives. | A. Neutral solution B. Acidic solution C. Precipitate D. Basic solution |
| 12 | Volume of S.T.P of 22g of O ₂ is same as that of | A. <p>2 g of hydrogen</p> B. <p>8.5 g of NH₃</p> C. <p>64 g of gaseous SO₂</p> D. <p>7 g of CO₂</p> |
| 13 | If E _o cell is +1.10 V , the reaction is | A. Spontaneous B. Non spontaneous C. At equilibrium D. Endothermic only |
| 14 | Which set of the following conditions results in higher ionization energy. | A. <p>Smaller atom and greater nuclear charge</p> B. <p>Smaller atom and smaller nuclear charge</p> C. <p>Larger atom and greater nuclear charge</p> D. <p>Large atom and the smaller nuclear charge</p> |

| | | |
|----|--|---|
| 15 | Removing a reactant shifts equilibrium to | A. Left B. Right C. No shift D. Depends on temperature |
| 16 | pH of blood is around. | A. 6.0 B. 7.4 C. 5.4 D. 8.0 |
| 17 | When 3d subshell is completely filled, the next entering electron goes into. | A. $4f$ B. $4 p$ C. $4s$ D. $4 d$ |
| 18 | Law of mass action is applicable to. | A. Reversible reaction B. Combustion reactions C. Irreversible reactions D. Endothermic reactions only |
| 19 | Square root of the frequency of X-rays is.....atomic number | A. Directly proportional to B. Inversely Proportional to C. Equal to D. Half of |
| 20 | Which of the following reactions reaches equilibrium | A. Reversible B. Irreversible C. Combustion D. Neutralization |
