

MAXIMUM PROBABILITY QUESTIONS LIST FROM CHEMISTRY FOR SSC MARCH 2017

Name of the lesson	AS-3 (Activities/Experiments – 4 Marks)	AS-5 (Diagrams/Figures – 4 Marks)
2. Chemical Reactions and Equations	1. Decomposition of Calcium carbonate 2. Decomposition of Lead nitrate 3. Decomposition of water (Electrolysis of water) 4. Displacement reaction by using Copper sulphate and Iron nails 5. Double displacement reaction by using Lead nitrate and Potassium Iodide	1. Decomposition of Calcium carbonate 2. Decomposition of Lead nitrate 3. Decomposition of water (Electrolysis of water) 4. Reduction of Copper oxide by sending Hydrogen
4. Acids, Bases and Salts	1. HCl reacts with Zinc granules to liberate Hydrogen gas. 2. HCl reacts with Carbonates/bi carbonates to liberate Carbon di oxide gas. 3. Electric conductivity of Acids/Bases 4. Water of crystallization	1. HCl reacts with Zinc pieces to liberate Hydrogen gas. 2. HCl reacts with Carbonates/bi carbonates to liberate Carbon di oxide gas. 3. Electric conductivity of Acids/Bases 4. Chloro Alkali Process 5. Water of crystallization
8. Structure of Atom	1. Heating of Cupric chloride / Strontium chloride/ Sodium chloride	1. Electromagnetic wave 2. Shapes of s, p, d – orbitals 3. Moeller diagram (Diagram that shows the order of energy of orbitals)
9. Classification of Elements	*****	*****
10. Chemical Bonding	*****	1. Luwis dot structures of H ₂ O, NH ₃ , CH ₄ , BF ₃ , BeCl ₂ , H ₂ , F ₂ , HCl, O ₂ , N ₂ 2. Structure of molecules with respect to Hybridisation CH ₄ , BF ₃ , BeCl ₂ , NH ₃ , H ₂ O, C ₂ H ₄ , C ₂ H ₂
13. Principles of Metallurgy	1. Components that effect the rusting of Iron articles	1. Froth floatation 2. Magnetic separation 3. Blast furnace 4. Reverbaratory Furnace
14. Carbon and its compounds	*****	1. Structure of molecules with respect to Hybridisation CH ₄ , C ₂ H ₄ , C ₂ H ₂ 2. Structures of Diamond and Graphite 3. Micelle 4. Soap molecule