

**MAXIMUM PROBABILITY QUESTIONS LIST FROM CHEMISTRY FOR SSC MARCH 2017**

Name of the lesson	AS-4 (Information Skills)	
<b>2. Chemical Reactions and Equations</b>	1. $\text{Fe}_2\text{O}_3 + 2 \text{Al} \rightarrow 2 \text{Fe} + \text{Al}_2\text{O}_3$ Questions related to Oxidation, Type of reaction 2. $\text{H}_2\text{O} \rightarrow 2\text{H}_2 + \text{O}_2$ Questions related to Oxidation, Type of chemical Reaction, Reactants, Products, Moles of reactants and products, Mass of substances	
<b>4. Acids, Bases and Salts</b>	1. Table related to Reaction of acids, bases and neutrals with indicators like Blue litmus, red litmus, Methyl orange, Pheonolpthalene 2. Table related to $\text{P}^{\text{H}}$ values of different substances - Questions related to data 3. Table related to $\text{P}^{\text{H}}$ values of acids, bases, salts - Questions related to data	
<b>8. Structure of Atom</b>	1. Table related to Quantum numbers of different electrons 2. Data : Electron configuration of Atom – Questions related to Atomic number, Name of the element , Symbol , Valence electrons, Valency	
<b>9. Classification of Elements</b>	1. Data : Electron configuration of different elements – Questions related to group, Period, block, Metal/non metal, Formation of bonds 2. Data : Electron configuration of different elements – Questions related to Ionisation energy, Atomic radius, Electro negativity, Metallic nature	
<b>10. Chemical Bonding</b>	1. Table with Cations and anions. Write the formulae of Ionic compounds by Criss cross method 2. Table with Hybridisation and Bond angles and shapes of molecules	
<b>13. Principles of Metallurgy</b>	1. Minerals and ores formulae. Questions related Types of ores, Concentration methods	
<b>14. Carbon and its compounds</b>	1. Table of Alkanes, Alkenes and Alkynes/Homologous series Questions related to Formulae, Guess, reactions	<div style="border: 1px solid black; padding: 5px;"> <p>NAGA MURTHY- 9441786635                      Contact at : <a href="mailto:nagamurthysir@gmail.com">nagamurthysir@gmail.com</a>                      Visit at : <a href="http://ignitephysics.weebly.com">ignitephysics.weebly.com</a></p> </div>