

MAXIMUM PROBABILITY QUESTIONS LIST FROM CHEMISTRY FOR SSC MARCH 2017

Name of the lesson	AS-2 (Questioning/Prediction)	AS-6 (Daily life uses)
2. Chemical Reactions and Equations	1. Write questions to prove $C + O_2 \rightarrow CO_2$ is a chemical combination reaction 2. Write questions to prove $H_2O \rightarrow 2H_2 + O_2$ is a chemical decomposition reaction 3. Write some questions on Rancidity 4. $Fe_2O_3 + 2Al \rightarrow 2Fe + Al_2O_3$ Ravi said this oxidation. Raghu said this is reduction. Whom do you support ? *	1. What happened if the slices of potato kept in open air? Write a precaution. 2. Nitrogen filled in Potato chips flush bags. What is the use of Nitrogen ? 3. Write any two situations that you observe oxidation in daily life. 4. How do we preserve iron articles? Write four methods. 5. Why do we keep food articles in air tight containers?
4. Acids, Bases and Salts	1. Milk man adds Baking soda (Weak Base) in to milk. Can you guess the reason ? 2. Plaster of Paris kept in air tight bags. Can you guess the reason ?	1. Significance of P^H in daily life 2. Name four acidic/basic substances which we use in our daily life. 3. Uses of Bleaching powder 4. Uses of Baking soda (Eating soda/ $NaHCO_3$) 5. Uses of washing soda (Na_2CO_3) 6. Uses of Plaster of Paris (POP)
8. Structure of Atom	1. High energy level between K and L orbits. Predict the reason. 2. Which rule is violated in the electronic configuration $1s^0 2s^2 2p^4$? Guess.	1. Uses of Electron configuration (What do we learn from electron configuration?)

9. Classification of Elements	1. Name One element having similar properties to that of Mg. How can you estimate ? 2. Guess the places of elements with atomic numbers 9 and 19 in modern periodic table. 3. Atomic number of X is 13 and Y is 17. Guess the formula of compound formed by X and Y.	1. Opinion on Hydrogen place in Modern Periodic table 2. Role of Electron configuration in the preparation of Modern periodic table 3. Role of place of element in Periodic table to remember the chemical properties.
10. Chemical Bonding	1. Ionic compounds have more melting points than covalent compounds. Guess any reason. 2. How bond energies and bond lengths of molecule helps us in predicting their chemical properties?	*****
13. Principles of Metallurgy	1. $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$ But $\text{Cu} + \text{FeSO}_4$ is not possible. Guess the reason. (In the view of reactivity of metals)	1. Where do we use handpicking and washing methods in our daily life? Give examples. How do you correlate these examples with enrichment of ore?
14. Carbon and its compounds	1. Formula of X is C_4H_{10} and Y is $\text{C}_{10}\text{H}_{20}$. Guess which can participate in Addition reaction. 2. What happened if Sodium piece is dropped in Ethanol ? Predict the reason.	1. Uses of graphite 2. Role of Esters in daily life 3. Alcohol consumption – Effects – Precautions to aware

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