

Class: 11
Subject: Chemistry
Topic: The s-Block elements
No. of Questions: 20

- Q1. What are s- block elements?
- Q2. Name the elements present in the 1st Group of the Periodic Table.
- Q3. Why I group elements are called alkali metals?
- Q4. Name the elements present in the 2nd Group of the Periodic Table.
- Q5. Why II group elements are called alkaline earth metals?
- Q6. What is the reason for the diagonal relationship?
- Q7. Which is smaller in size between a metal ion and its parent atom?
- Q8. Which group elements show very low ionization enthalpy in the periodic table?
- Q9. How the ionization enthalpy varies in alkali metals
- Q10. Arrange the first group elements in the decreasing order of Hydration Enthalpy
- Q11. Why Li salts are hydrated?
- Q12. Write the chemical composition of washing soda.
- Q13. Give reason for the higher melting point and boiling point of alkali earth metals than alkali metals.

- Q14. Why Be and Mg do not impart colour to the flame?
- Q15. Name the gas liberated when alkali metals react with dilute acid?
- Q16. Name the alkaline earth metal used in radio therapy.
- Q17. Give reason why the compounds of alkaline earth metals are less ionic than alkali metals
- Q18. How is Calcium Hydroxide (Slaked lime), Ca(OH)_2 Prepared?
- Q19. Write the general electronic configuration of s-block elements.
- Q20. With which elements Lithium and beryllium shows the similarity