

Worksheet: Classification of Elements and Periodicity

Telangana State Board · Class 11 · Chemistry · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. Which element has the highest electronegativity and why? [2 marks]

Q2. Arrange Na, Mg, Al, Si in increasing order of first ionisation enthalpy and justify any anomaly. [3 marks]

Q3. Why is the ionic radius of Cl⁻ larger than the atomic radius of Cl? [2 marks]

Q4. Explain why boron has a lower first ionisation enthalpy than beryllium. [3 marks]

Q5. What is the lanthanoid contraction and one of its consequences? [3 marks]
