Worksheet: Classification of Elements and Periodicity

IGCSE · 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]*