Worksheet: d- and f-Block Elements

IGCSE · Class 12 · Chemistry · 5 questions · 12 marks

Name: _____ Date: _____ Score: _____ / 12

Q1. Write the electronic configurations of Cr (Z = 24) and Cu (Z = 29). *[2 marks]*

Q2. Why are transition metal ions coloured? *[2 marks]*

Q3. Balance in acidic medium: Cr2O7 2- + Fe2+ -> Cr3+ + Fe3+. *[3 marks]*

Q4. Why is Zn not considered a transition metal? *[2 marks]*

Q5. What is lanthanoid contraction and give two consequences. *[3 marks]*