

Assignment-1
B.Sc. 4th Sem

Marks = 10

- Q. 1) What is the reason for increased atomic vol^m after grp. 10. 2
- Q. 2) How can you explain the low melting pts of Zn, Cd & Hg in comparison to other d-block elements. 2
- Q. 3) Name the important oxidation states of iron. Why is Fe(III) more stable than Co(III) and Ni(III). ? 1+2=3
- Q. 4) Why d-block elements are not as good reducing agents as the metals of Grp. 1, 2 & 13 ? 2
- Q. 5) Calculate in Bohr Magneton the expected magnetic moment for Mn^{2+} ion. (μ spin only) 4