

PROGRAMME NAME: MSC (CHEMISTRY)
YEAR: I
SEMESTER-I
COURSE NAME: INORGANIC CHEMISTRY-I

Note:-attempt all questions.

1. What is black body radiation? Explain.
2. Explain photoelectric effect?
3. Explain Walsh diagram?
4. What is bent rule? Explain?
5. What is transition element? Write general characteristic & properties of transition element.
6. Explain John-Teller effect?
7. Write notes on:-
 - (1) Ferredoxin
 - (2) Iron sulphur protein
 - (3) PS-I, PS-II
8. What is bioinorganic chemistry? Write role of metal ions in biological process.
9. Write symmetry elements & symmetry operation?
10. Definition of group & subgroup? Write point symmetry group.