

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

Note:-attempt all questions.

- Que.1 Write synthesis properties & structure of boranes.
- Que.2 What are non transition metals? Write general characteristics.
- Que.3 What is Ligand hapticity? Explain.
- Que.4 Write catalysis of organometallic compounds in hydroformylation.
- Que.5 What are lanthanides? Write lanthanide contraction.
- Que.6 Write method of separation of lanthanide.
- Que.7 What are non aqueous solvent? Write classification.
- Que.8 Explain leveling effect.
- Que.9 Explain radioactive decay with example.
- Que.10 Explain Q value and cross section