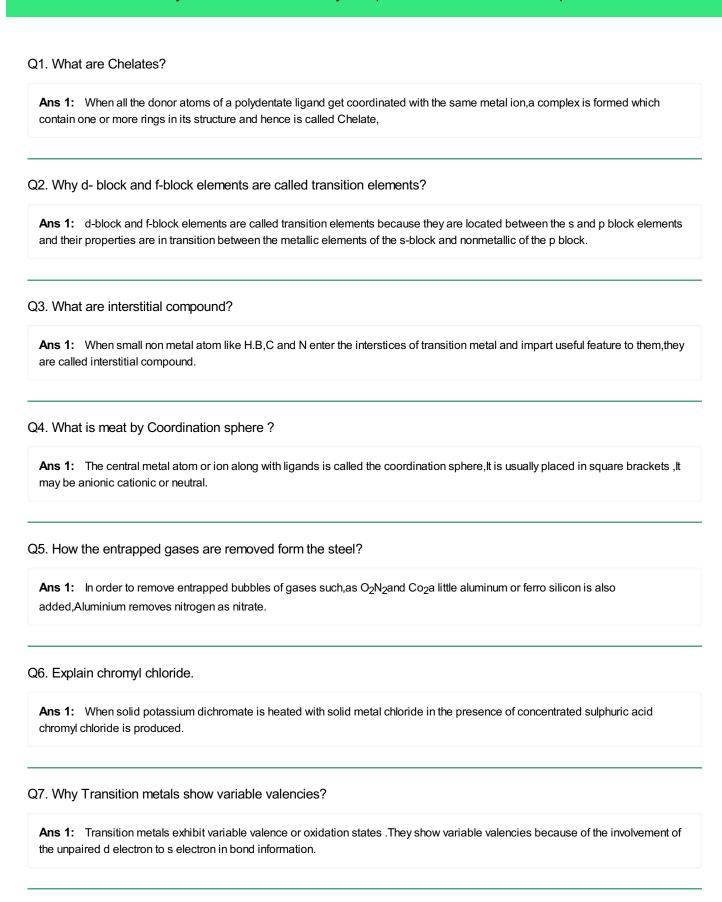


## Chemistry - 12th Class Chemistry Chapter 6 Short Questions Preparation



Q8. Give reason that M.P and B.P show maximum value of the middle of 1st transition series.

**Ans 1:** M.P and B.P show maximum of the middle of 1st transition series and then decrease to a minimum level at the end of the series, This trend in M.P correlates well with the strength of binding force.

Q9. What are Chelate and what they contain?

**Ans 1:** Chelate: When all the donor atoms of a polydentate ligand get coordinated with the same metal ion,a complex is formed which contain one or more rings in its structure and hence is called Chelate.

Q10. What type of elements form substitution alloy and why?

**Ans 1:** Owing to the similarity in the size of transition metals, some transition metal atoms are able to replace one another in the metallic lattice and from substitutional alloys among themselves, Alloy steel are important example of this type of material in which iron atoms are substituted by chromium, manganese and nickel atom.