

Objective Questions

IMPORTANT NOTE

- Please read this chapter after going through all the theory chapters provided in this course.
- This chapters also includes questions asked in previous years.
- All the questions are not classified *topic wise*. Instead these are *randomly* selected to match examination conditions.

Set 1: Crystal Structure

1. Repeatable entity of a crystal structure is known as
 - a) Crystal
 - b) Lattice
 - c) Unit cell
 - d) Miller indices
2. Coordination number for closest packed crystal structure
 - a) 16
 - b) 12
 - c) 8
 - d) 4
3. Atomic packing factor is
 - a) Distance between two adjacent atoms
 - b) Projected area fraction of atoms on a plane
 - c) Volume fraction of atoms in cell
 - d) None
4. Coordination number in simple cubic crystal structure
 - a) 1
 - b) 6
 - c) 3
 - d) 4