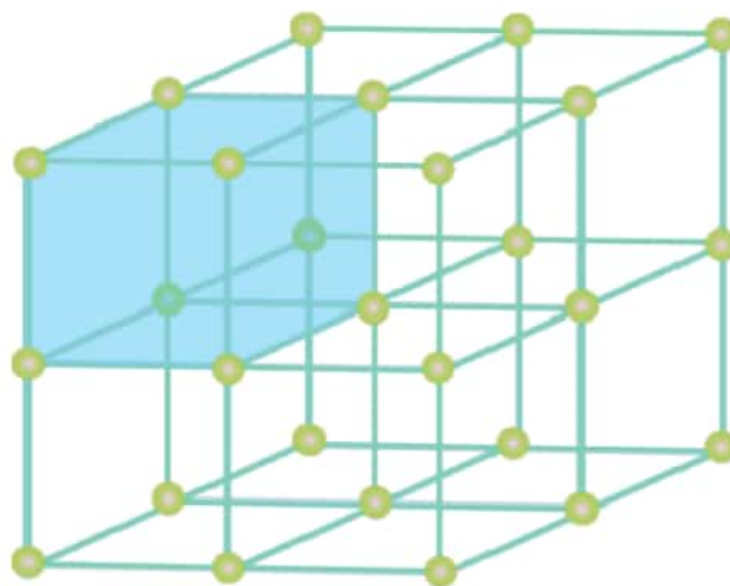


What is Crystal Lattice?

The crystal lattice is the ***symmetrical three-dimensional structural arrangements of atoms, ions or molecules (constituent particle) inside a crystalline solid as points***. It can be defined as the geometrical arrangement of the atoms, ions or molecules of the crystalline solid as points in space.

CRYSTAL LATTICES AND UNIT CELLS



Characteristics of Crystal Lattice

- In a crystal lattice, each atom, molecule or ions (constituent particle) is represented by a single point.
- These points are called lattice site or lattice point.
- Lattice sites or points are together joined by a straight line in a crystal lattice.
- When we connect these straight lines we can get a three-dimensional view of the structure. This 3D arrangement is called Crystal Lattice also known as **Bravais Lattices**.