

12th Chemistry
LESSON - 6

Solid state Chemistry

Important Diagrams

prepared by

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IDAMPADI (TE)

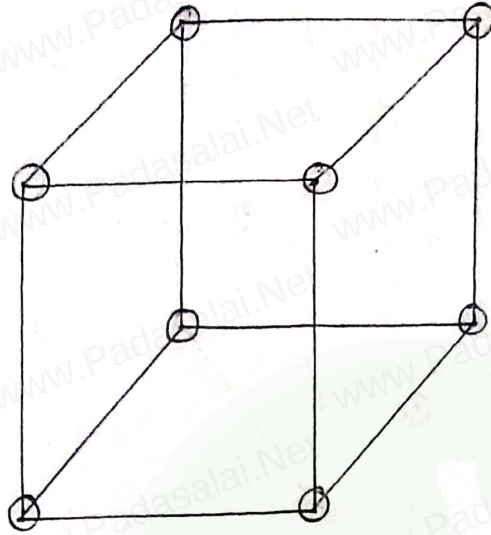
SALEM (Dt) 637101.

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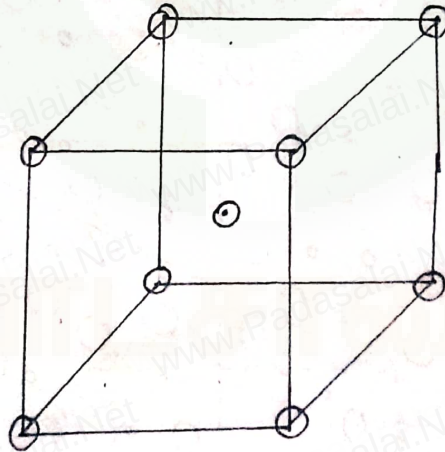
Solid State Chemistry

Important Diagram

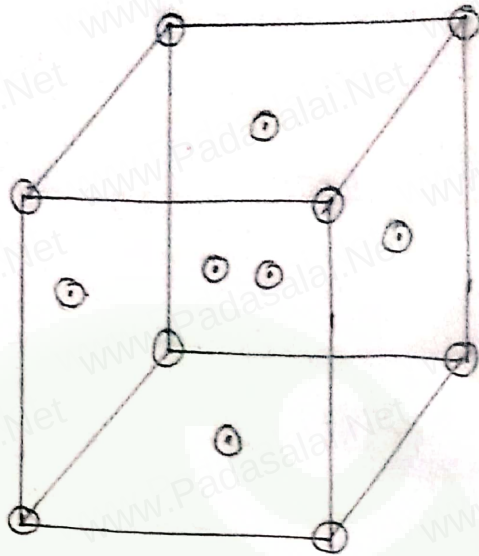
1) SC Diagram ::



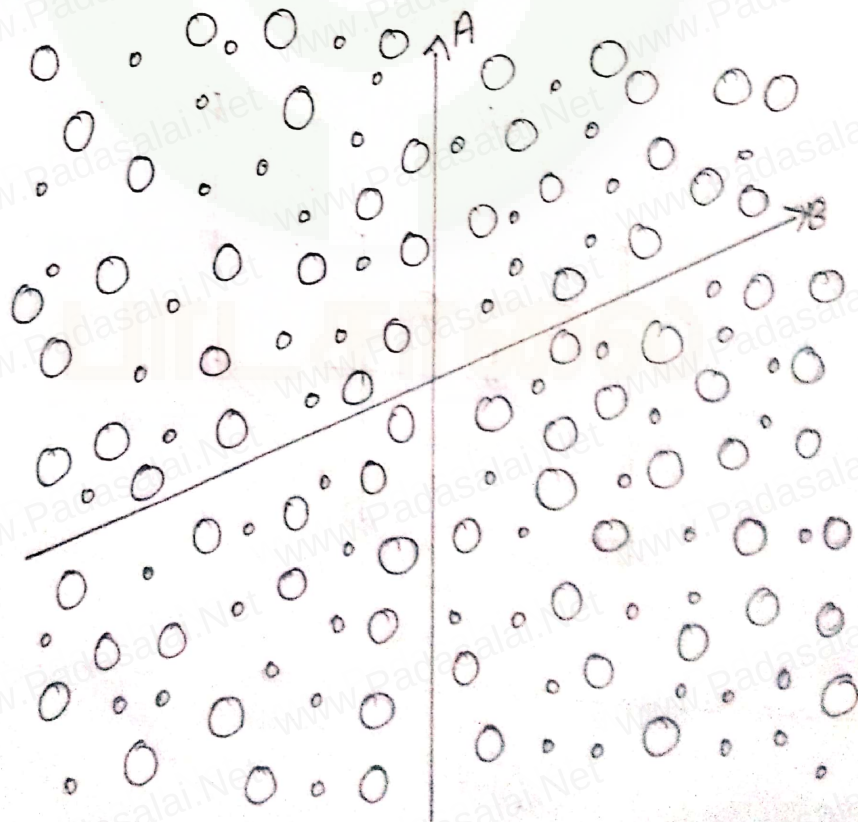
2) BCC Diagram ::



3) FCC Diagram :

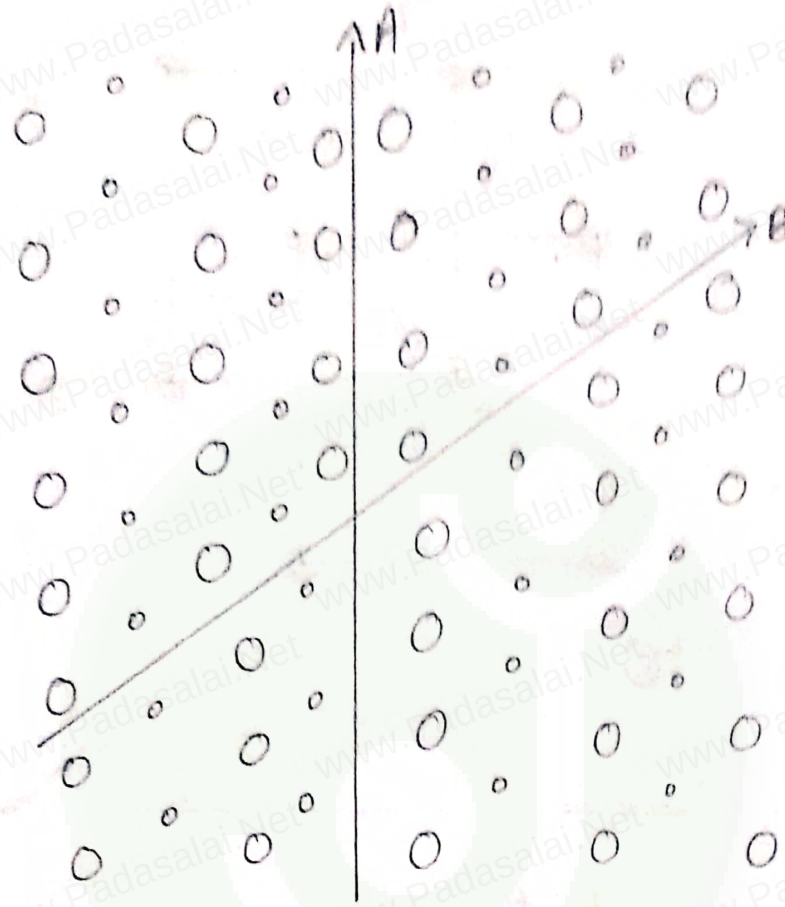


4) Isotropy structure :



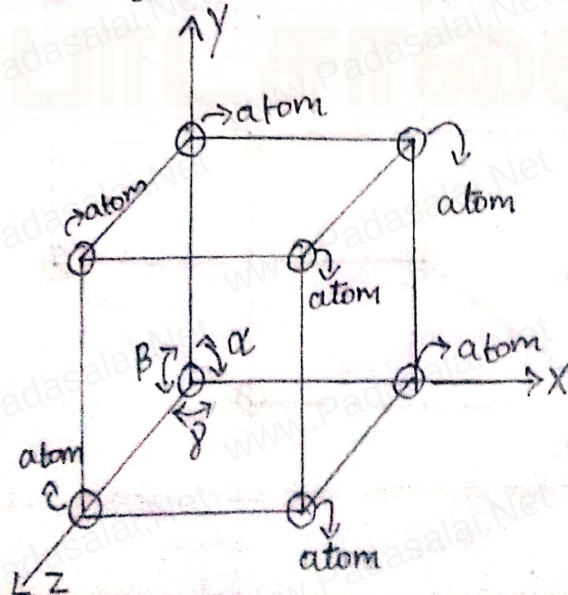
Amorphous solid

1) Anisotropic structure

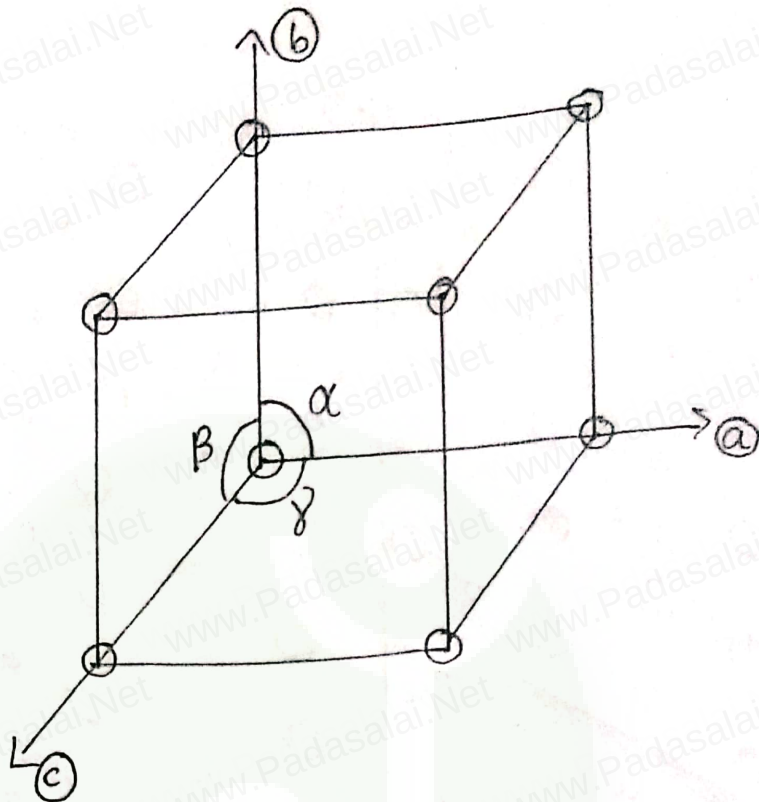


crystalline solid Arrangement

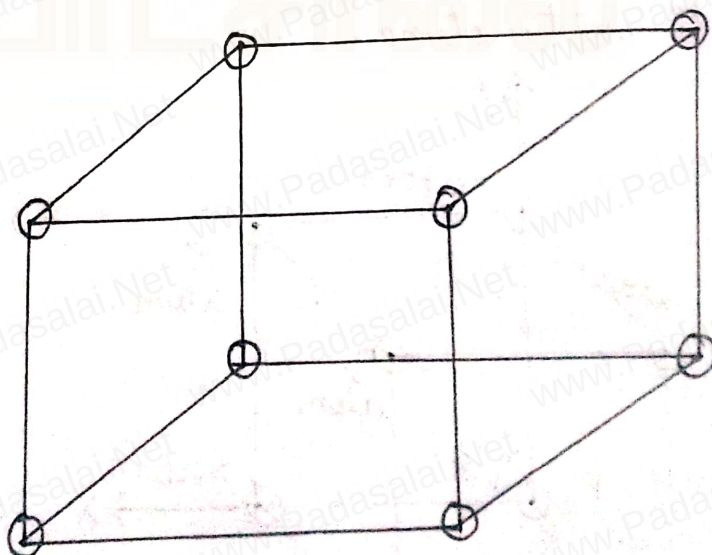
2) unit cell structure.



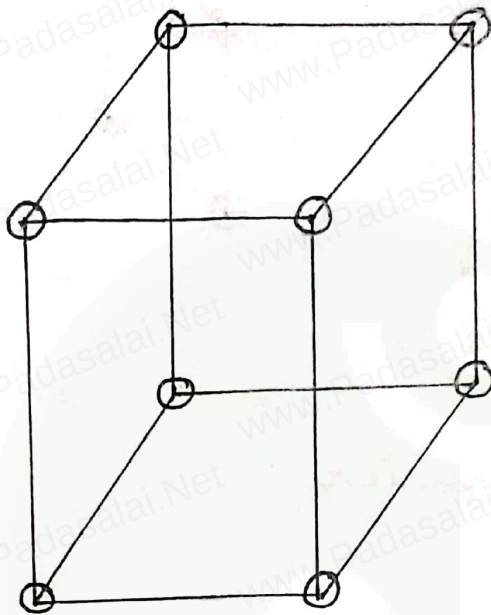
7) cubic structure ::



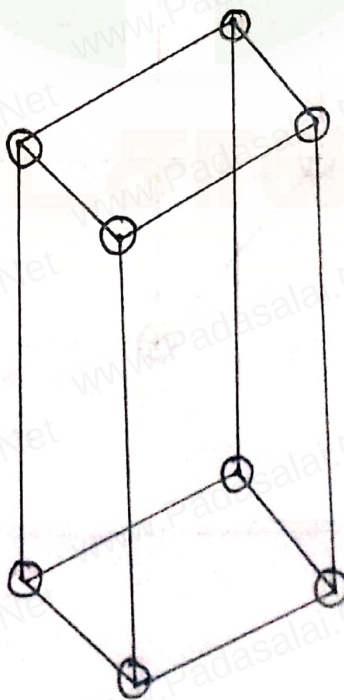
8) Hexagonal structure ::



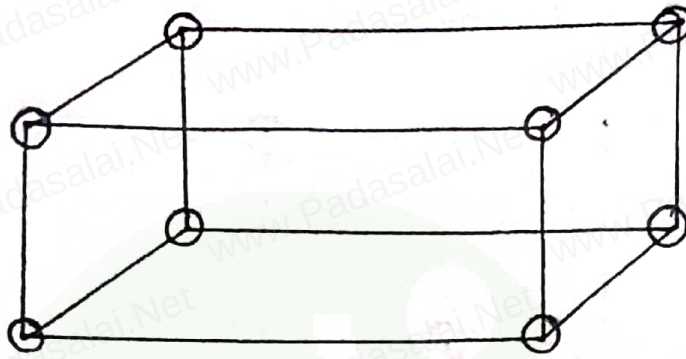
9) Tetragonal structure ::



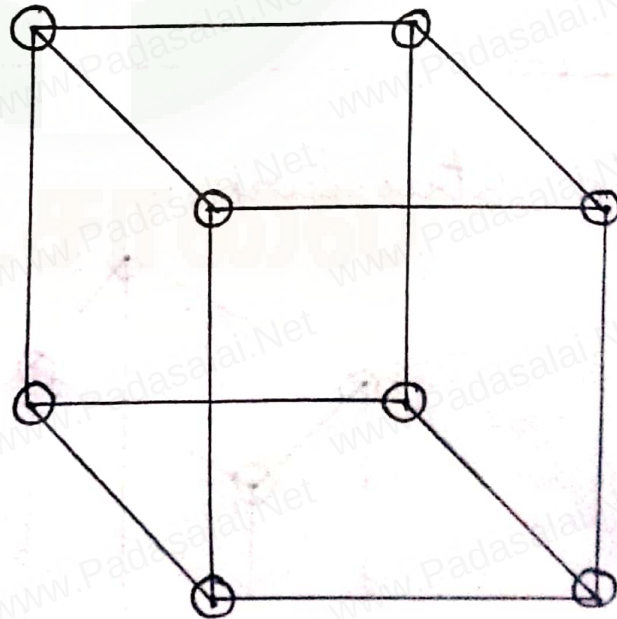
10) Triclinic structure ::



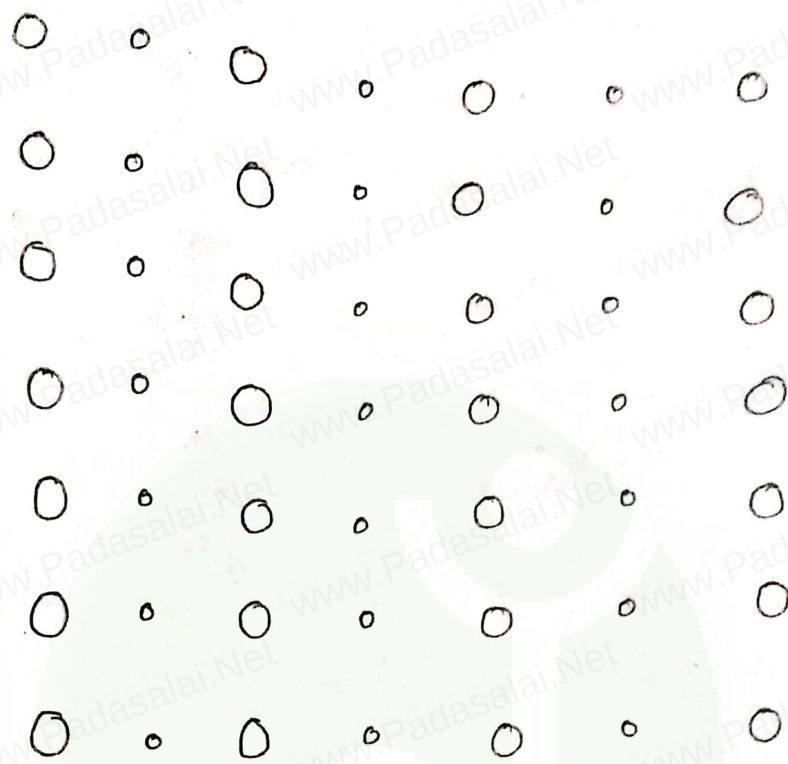
11) Orthorhombic structure :-



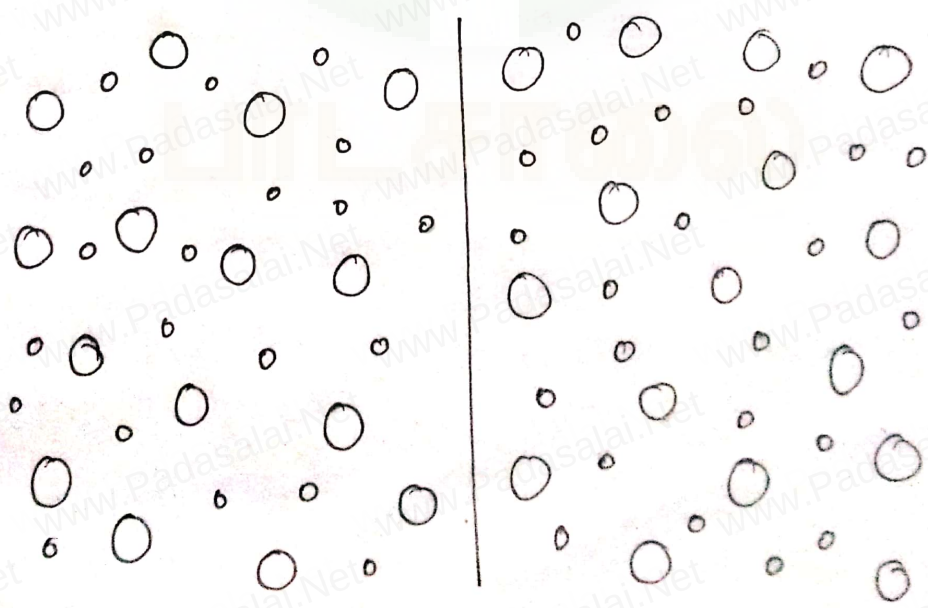
12) Monoclinic structure :-



crystalline Solids structure ..

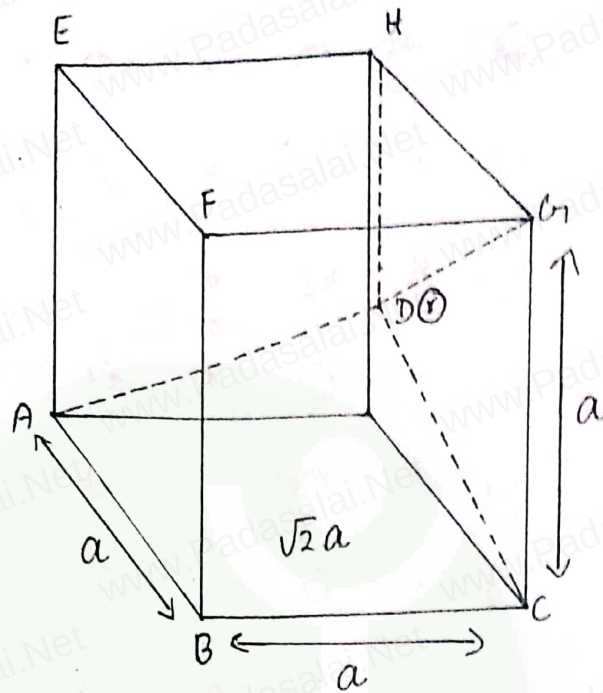


(4) Amorphous solids Structure ..



NO arrangement
Amorphous solids

15) BCC arrangement structure:



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