

21. Coercive force is the force which opposes
- A. Demagnetization B. Breakage
C. Extension D. Surface cracking

Answer: Option A

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22. Materials in which valence electrons are tightly bound to their atoms at low temperature are called
- A. Semi conductor B. Super conductors
C. Insulators D. Conductor

Answer: Option C

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23. The bulk properties of materials such as their mode of fracture can be related to their
- A. Polymerization B. Cleavage
C. Microstructure D. Dislocation

Answer: Option C

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24. The angular position of cells remains the same for a sample of a crystal. This property is called
- A. Isotropy B. Cleavage
C. Homogeneity D. The external symmetry of form

Answer: Option D

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25. The breaking of crystals along definite direction is called
- A. Cleavage B. Symmetry
C. Isotropy D. Homogeneity

Answer: Option A

26. If the density of atoms remain same along any direction in a crystal is called

 - A. Symmetry
 - B. Homogeneity
 - C. Isotropy
 - D. Cleavage

Answer: Option B

27. In simple cube one atom or molecule lies at its

A. Force corners B. Nine corners
C. Eight corners D. Six corners

Answer: Option C

28. The band theory of solids explains satisfactorily the nature of

 - A. Electrical insulators alone
 - B. Electrical conductors alone
 - C. Electrical semi conductors alone
 - D. All of the above

Answer: Option D

29. A vacant or partially filled band is called

 - A. Conduction band
 - B. Valence band
 - C. Forbidden band
 - D. Empty band

Answer: Option A

30. A completely filled band is called

 - A. Conduction band
 - B. Valence band
 - C. Forbidden band
 - D. Core band

Answer: Option D