

20. What is the carbon percentage in high carbon steel?

- A) 0.02% to 0.03% B) 0.15% to 0.25%
C) 0.25% to 0.50% **D) 0.50% to 1.50% (Correct)**

21. What is the ore of aluminium?

- A) Hematite B) Magnetite
C) Bauxite (Correct) D) Limonite

22. Which property of a metal enables it by which it can be drawn out into wires under tension without rupture?

- A) Ductility (Correct)** B) Malleability
C) Hardness D) Brittleness

23. Which among the following is an insulator?

- A) Copper B) Aluminium
C) Silver **D) Mica (Correct)**

24. Which rubber is used as insulator for power cables and control wires?

- A) Butyl B) Hypalon
C) Silicon (Correct) D) Nitrite butadiene

25. Which alloy steel is used to make permanent magnets?

- A) Silicon steel B) Manganese steel

C) Vanadium steel

D) Cobalt steel (Correct)

26. Which insulator is used in overhead lines?

- A) Mica B) Rubber
C) P.V.C **D) Porcelain (Correct)**

27. Which insulating material is used for making switches?

- A) Porcelain B) PVC
C) Bakelite (Correct) D) Ebonite

28. What is the name of the property of an insulation that should break down or puncture on application of high voltage?

- A) Dielectric strength (Correct)** B) Specific resistance
C) Mechanical strength D) Non absorption

29. Which alloy steel is used for making precision instrument?

- A) Silicon steel B) Manganese steel
C) Invar steel (Correct) D) Vanadium

30. Which steel is used for making files and cold chisel?

- A) Low carbon steel B) Medium carbon steel
C) High carbon steel (Correct) D) Stainless steel