

Vizag Steel Electrical Sample Question Papers

1. Which of the following is only a power electronics component?
(A) thyristor (B) diode
(C) transistor (D) none of these
2. What type of instrument is used to measure dc voltage of the order 5 volts?
(A) moving iron type (B) electro-static type
(C) moving coil type (D) all of these
3. Which of the following has negative temperature coefficient?
(A) brass (B) mercury
(C) electrolytes (D) silver
4. Fibre glass insulation can be used up to temperature of
(A) 60°C (B) 80°C
(C) 130°C (D) 180°
5. In an oil filled transformer, oil is provided for
(A) cooling (B) insulation
(C) lubrication (D) both (A) and (B)

Mechanical

1. Which of the following is the natural abrasive
(A) Al₂O₃ (B) SiC
(C) boron carbide (D) corundum
2. Generally bearing bushes are made of
(A) copper (B) white metal
(C) gun metal (D) brass
3. Blast furnace uses the following as fuel
(A) coal (B) coke
(C) diesel (D) producer
4. Best conductor of heat and electricity is
(A) nickel (B) copper
(C) chromium (D) aluminium
5. Arc welding uses following electric supply
(A) ac (B) dc
(C) both ac and dc (D) spiral waveform