

Junior Engineer Electrical Solved Paper

Based on Memory

1. What is the value of knee voltage of silicon diode?
1) 0.3 V 2) 0.33 V 3) 0.7 V 4) 1.1 V
2. Which organisation has proposed first to constitute the Constitution Assembly to form the Indian Constitution?
1) Swaraj Party in 1928 2) Indian National Congress in 1936
3) Muslim League in 1942 4) By all parties convention in 1946
3. There is 20 volt across the inductor and 15 volt across the resistance in the a.c. supplied series R-L circuit. What would be the supply voltage?
1) 20 volt 2) 15 volt 3) 25 volt 4) 17.5 volt
4. A transformer mainly transforms
1) Current 2) Voltage 3) Frequency 4) Power
5. What is the power factor of a pure resistor circuit?
1) One 2) Zero 3) Leading 4) Lagging
6. Functions of N.S.D.L. are related to-
1) Bearer bonds 2) GDRs 3) Electronic share 4) Debenture
7. There are rings around which of the following planets?
1) Uranus 2) mars 3) Jupiter 4) Saturn
8. is used to heat the non-conductors.
1) Eddy current heating 2) Arc heating
3) Induction heating 4) Dielectric heating
9. What is the S.I. Unit of magnetic flux density?
1) Gauss 2) Tesla 3) Oersted 4) Weber

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