

1. SCR of an alternator is _____ (Ans: inversely proportional to Xs adjusted in P.U)
2. In Synchronous Impedance method the regulation is _____ (Ans: Higher than actual)
3. Thyristor which is in forward blocking method will conduct if _____ (Ans: Positive gate pulse to Cathode)
4. SC test of T/F will give _____ (Copper losses)
5. 741 IC is an _____ (OP amp)
6. For ideal Op amp _____ ($Z_{in} = \infty$ and $Z_{out} = 0$)
7. $S^2 - 5s + 20 / S^2 + 5S - 20$ _____ (All pass or Band Eliminator or....)
8. Memory allocated for LIFO is _____ (Stack)
9. A register which stores the address of the instruction to be executed is _____ (Program Counter)
10. MHO relay is a _____ (Directional Over current relay)
11. A directional relay has _____ type of characteristics
12. MC is used for _____ (measuring DC)
13. A Converter can be operate as inverter if _____ (Ans Full converter (may be) Commutation circuit also)
14. Coupling used when the shafts are not inline _____ (Universal)
15. first Nuclear Power plant in India is _____ (Tarapur)
16. Nuclear and Thermal are used as _____ (Base Load plants)
17. Which Plant has max No. of auxiliaries _____ (Thermal)
18. In T/L to transfer max power _____ (---)
19. An Cascade amplifier has which type of intermediate stages _____ (CE-CB)
20. Syn M working @ UPF if Exc is increased it operates at _____ (Lead PF)
21. Current corresponding to max Efficiency in a T/f given P_i and R _____ ($\sqrt{R P_i}$)
22. Input to Stator of I/M is 40 KW slip is 5% then Torque in Syn Watts when Stator Cu losses & Iron losses are Neg _____ (38 W)
23. Blocked Rotor Test gives _____ (Cu losses)
24. N type impurity is _____ (Phosphorous)
25. An Eg of Semi Conductor _____ (Germanium)
26. Cable insulation resistance is _____ (inversely proportional to length)

27. Hand driven tools use _____ (Shaded pole induction motor)
28. A Hysteresis Motor runs at _____ (Sync, Sub- Syn & Super Syn Speed)
29. Octal 56 to Binary _____ (46)
30. Sinusoidal Pulse width Modulation what can be controlled _____ (freq, Volt & Harmonic)
31. A nullator is a _____ (find out)
32. First law of Thermodynamics _____ ($Q=dU+W$)
33. In watches which type of oil is used _____ (find out)
34. In shafts for operating at high temp type of lubricant used is _____ (find out)