2.In a ckt a single resistor is connected across a d.c. source, what will be the  effect on current in first resistor if we connect one more resistance in  parallel with earlier one....  
  
3.why we don,t like flashover in transmission line (t-line)- (a ) it may create  earth fault(b )it reduces the life of insulator.....  
Read something about flashover & puncture.  
  
4.total no of strands in a acsr conductor is 81, then what is the no. of  conductor in its outer layer....(a)36 (b)18 (c)24.......Also read some more on  acsr.  
  
5.Two questions based on p.u. calculation like , p.u. calculation is given with  respect to some old base and u have to calculate it with reference to new base.  (new resistance/old)=(mva new /mva old)\*(old voltage/new voltage) 2 Other  question is based upon transfer of p.u calculation in transformer i.e. how base  changes when we we move from primary tosecondary or like wise.read some more on  p.u calculation.  
  
6.which table is referred for sag calculation-  
(a)stringing chart......answer  
  
7.in a R-L ckt a ac voltage is applied , such that instantaneous power is  negative for 2ms, then what will be the power factor.  
(a) 9 deg, (b) 18 deg, (c) 36 Deg...........(I don,t know the correct ans)  
  
8. In an incandescent lamp  
(a) luminous intensity is more than non-luminous intensity (b) ,, ,, ,, less ,,  ,, ,,  
  
9. In which motor no-load to full-load diff. is lowest  
(a) series motor, (b) shunt motor, (c) Compound motor  
  
10. In a 60Hz induction motor full load speed is 850 rpm then what is the  Synchronous speed.  
(a) 900 rpm, (b) 950 rpm, (c) 1600rpm...  
  
11. A sync. Motor is running at synch. Speed, if al of sudden D.C. excitation is  removed, then  
(a) it will rotate at slip speed, (b) it will stop, (c) it will continue to  rotate at sync. Speed  
  
12. A transmission line is designed for 50Hz, 440KV. If we want to transfer  power at 60Hz, 440 KV, then the power transfer capability will  
(a) decrease, (b) Increase, (c) None  
  
13. Increased rotor resistance in rotor ckt of induction motor is related with  
(a) high starting torque, (b) more speed variation,  
  
14. In the formulae E = 4.44 f N ?, ? is  
(a) Avg value, (b) Rms value, (c) Maximum value  
  
15. Voltage & current in a ckt is given by V= V1+j V2 and I= I1 +j I2, then rms  power is...  
  
16. Input impedence of MOSFET is  
(a) more than BJT  
  
17, 18. Remember truth table of AND, NOR, NAND, OR, EX-OR ETC...  
  
19. Conversion of Binary number into Equivalent decimal No.  
  
20. Megger is used for the measurement of  
(a) Insulation resistance, (b)Conductor resistance  
  
21. Form factor for sinusoidal as well as DC  
  
22. Formulae of Regulation (Vs- Vr)\* 100/ Vr, then transmission line is  
(a) short transmission line, (b) long, (c) medium  
  
23. Improvement in power factor reduces  
(a) power consumed by consumer, (b) power generation, (c) both a & b  
  
24. Read about field test of Series Motor...  
  
25. No-load test for Synchronous motor, the graph is drawn  
(a) stator open ckt emf Vs field current  
  
26. An AC voltage of 50Hz is impressed in a resistive ckt, the oscillating power  has a frequency  
(a) 50 Hz, (b) 100, (c) no oscillating power is there in resistive ckt  
  
27. Insulation used in transformer \_\_\_\_\_\_\_\_\_\_\_leakage flux.  
(a) increases, (b) decreases  
  
28.After rain what happens to Insulator  
(a) break-down strength of Insulator decreases, (b)Arch length reduces  
  
29.Diversity factor helps to ............(what ?) [Read diversity factor, load  factor, Reserve capacity factor in depth, with calculation]  
  
30. Why capacitance is shown as a Shunt element in analysis of transmission line  
(a) it is between Conductor & earth, (b) because Admittance is used for  calculation of capacitive reactance  
  
31. B-R-Y sequence is followed in three phase system, if phase voltage in  B-phase is Vm sin 100, then the phase voltage in R-phase would be  
(a) Vm sin (-20)  
  
32. In a particular ckt I = Im Sin (wt -270) and V = Vm Sin wt, then type of ckt  is (a) pure resistive ckt  
  
33. In a L-R ckt energy lost = 2000 W, energy conserved = 500W, then what is the  time constant  
  
34. In electro-dynamometer A,meter & wattmeter the type of scale is  
  
35. For the same current carrying capacity corona loss of ACSR will be  \_\_\_\_\_\_\_\_than copper conductor.  
(a) more, (b) less, (c) equal. Ans: (b)