

# ELECTRICAL

SAALO THANKS BOL DIYA KRO

1	Source transfor.	Resistance same
2	Ratio of active to apparent power	Power factor
3	Backup of battery 150AH,....12V	10 hours
4	Full load voltage reg. At 0.8pf	3.2%
5	Auto transformer prim. And sec. windings	Electrically & magnetically
6	Five 2v volt	2v
7	Energy consumption in a house	0.86kwa
8	Direction of rotation of DC Motor	
9	Peak factor full wave	1.414
10	Admittance at resonance	
11	3 phase delta/star transformer	Equal to K
12	Kirchoff law not app	none
13	Insulating material in cables	all
14	AN electric circuit.....Resistors are doubled.....each resistor	
15	Capacitive reactance is more	Capacitive less,frequency less
16	Value of thevenine voltage	
17	Difference blw MCB &MCCB	
18	.....permibility.....hysteresis	High low
19	Series resonance circuit	voltage
20	Form Factor	RMS/Average

21	Highpower factor in order to	all
22	3-phase 440V,...4% Slip.....frequency.....will be	50Hz
23	A transformer.....Negative voltage.....	leading
24	An ideal voltage source	0 and infinite internal resistance
25	Output voltage of charger is	Greater than battery voltage

26	WHICH OF THE.....generator.....on no load	Series generator
27	In domestic wiring.....represents	Neural & Earth
28	The copper loss.....150Watt.....85% of load	108.3
29	AN alkaline cell.....4A...12 hrs.....efficiency of cell	80
30	The value of Norton resistance.....	2ohm
31	The transformer efficiency max	Copper loss=Iron loss
32	We use...wire with.....shunt feild	
33	In DC generator lap winding	Low voltage, high current
34	If the voltage current.....is said to be	Linear DOUBT
35	The value of slip.....synchronous speed is	1
36	In DC generator core material is made of	Silicon steel
37	$V=100\sin 314t$ ..... $i=10\sin(314t+\pi/4)$	1000
38	A 6ohm resistor....an inductor of 120.....voltage across resistor	1200
39	In a split phase induction motor	
40	The transformer rating...	KVA

41	Cells are connected in series	Increase voltage rating
42	The expression of ohms law.....	Flux=MMF/Recluctance
43	Asynchronos motor .....be used as	Synchronous condensor
44	Using superposition theorem.....	2A
45	Three resistance R,2R,3R.....	$R/2, R, R/3$
46	Transformer has ratio of 1:7.....	
47	The difference between a FUSE and ckt breaker	Fuse only once and but cb can be use many times
48	A 6 pole generator rotates.....The frequency will be	60Hz
49		
50		