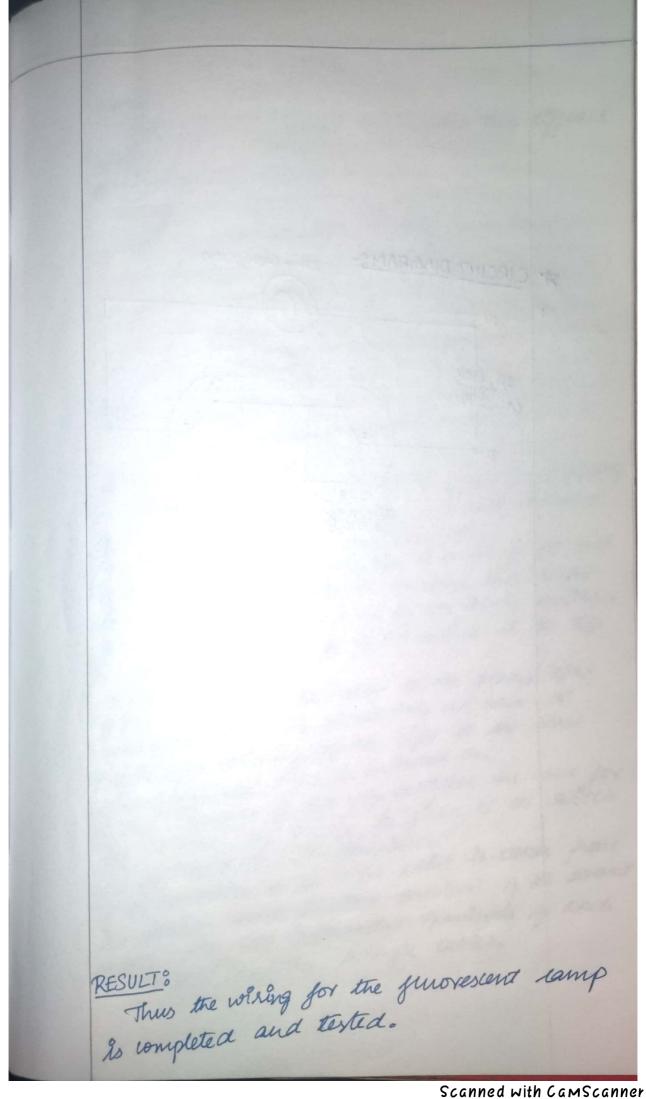
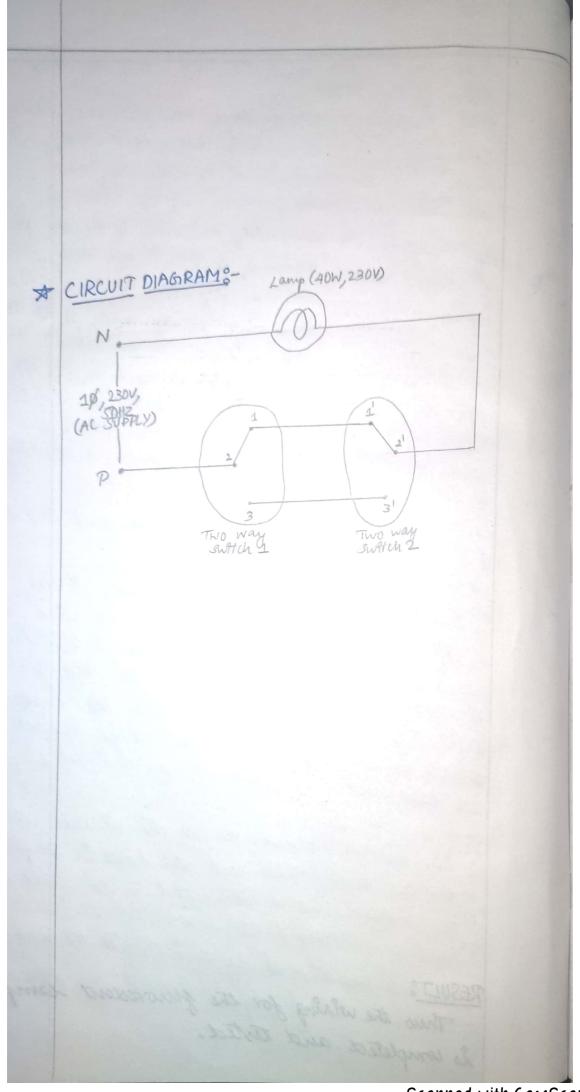


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occur in the gas inside the tube. thus the tube starts giving eight. 7) The provescent camp is a low pressure lamp (mercury) and is a long evacuated tube. It contains a small amount of mercury and argon gas at 2.5 mm pressure. At the time of switching in the gas tube, necury is in the form of small drops. therefore, to atant the tute, fulling up of argon gas is necessary. So, in the beginning, argon gas starts burning at the ends of the but the mercury is heated and controls the ument and the tabe starts girling light. At each end of the tube, there is a tungsten electrople which is conted with the fast electron emitting material. Buside of the table is coated with phosphor according 8) A startle helps to etart the talk and break 9) the choke coil is also called blost. It has a laminated love over which enameled wire is wound. the function of the choke is to mercese the voltage to almost wood at the thre of switching on the tube and when the tube starts voorbing. it reduces the voltage across the tube and reeps the current constraint. 1) Esse the connections as per the consult diagram. 2) Fix the twe holder and the choke in the table. 3) the phase were is connected to the choke and neutral directly to the tube. 4) connect the starter In series with the table. 5) Switch on the supply and check the phioresced eamp eighting.





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STAIRCASE WIRING

APPARATUS REQUIRED:

5-NO	Components	Quality/ Range
1)	Zucandescent lamp	1(230V,40W)
2)	lamp holder	1 1000
3)	Two way suffiches	2(230V, 5A)
4)	connecting will	

TOOLS REQUIRED:-Wireman's toolket - 1NO.

1) A two way switch is Enstalled near the girst extep of the stairs. the other two way switch Is Enstalled at the upper part where the stair ends. 2) The light point as provided between first and last stain at an adequate vocation and height if the light is switched on by the lower switch. Det com be awitched off by the switch at the top 3) The circuit can be used at the places like bed noom where the person may not have to travel for suftching of the light to the peace from where the light is swittened on. 4) two numbers of Two way switches are used for the purpose. The supply is given to the switch 5) the connection to the light point is taken from at the short circulted remaineds. the similar short circuited terminal of the second switch. other two Endependent terminals of each circuit are connected through cables.

	Position of Suitches S1 S2		Condition	
	S1	32	Lamp	
	2-1	2'-1'	ON	नम् हार्या
	2-3	2'-31	ON	tu Th
	2-1	2'-3'	OFF	THEORY
ed per 20	2-3	2'-1'	OFF	1) A Miss

PROCEDURE: 1) Give the connections as per the circuit diagram. 2) verify the connections. 3) switch on the supply. 4) verify the conditions. RESULT: Thus the stancase wring is completed and testedo