JOB SHEET

Name _____ Class _____ Div. _____ Date _____

Sub. _____ Roll No. _____ Topic _____ Page No. _____

Name : Hardik Shah Roll No: 16010221025.

Batch : D2

Name of the experiment : Staircase wiring.

Tools & Requirements : Goggles, rubber gloves, screwdriver, testers, pliers and screws.

Raw materials : Two way switches, bulb holders, bulb joint clips, wires, switch board.

Procedure :

- Mark switch and bulb location points and draw lines for wiring on the wooden board.
- Place wires along the lines and fix them with the help of clips.
- Fix two way switches and the bulb holders and the bulb holders at the marked position on the wooden board. ~~at the max~~
- Similarly complete the entire wiring system using circuit diagram.
- Test the working of bulbs by giving electric supply to the circuit.

⟹ NOTE different cases and conditions in the table :

Name _____ Class _____ Div. _____ Date _____

Sub. _____ Roll No. _____ Topic _____ Page No. _____

SWITCH POSITION		LAMP CONDITION
SWITCH 1	SWITCH 2	
OFF	OFF	OFF
ON	OFF	ON
OFF	~~OFF~~ ON	ON
ON	ON	OFF

Use : It provides flexibility and is more convinient for a person. It also encourages one to save electricity.

Conclusion : The staircase wiring was completed and tested.