ELECTRICAL WORKSHOP (ESL-130)-INTERNAL EXAMINATION

Time: 1 Hour Marks: 20

Obtain the wiring diagram of a circuit for getting the observation given below. Draw a neat circuit diagram, lay out, aim and estimation table.

|  |  |  |
| --- | --- | --- |
| SI | S2 | L1 |
| UP | DOWN | ON |
| DOWN | UP | ON |
| UP | UP | OFF |
| DOWN | DOWN | OFF |

(15)

Viva Questions

1. What will happen if we remove starter after switching on the fluorescent lamp? (1)
2. What is the full form and use of a ELCB? (1)
3. What is meant by SPST and SPDT switch? (1)
4. What is the purpose of providing earth connection in a plug? (1)
5. What is the difference between fuse and circuit breaker? (1)