

ELECTRICAL WORK SHOPE PRACTICE-331

SEMESTER 3

ONE LAMP CONTROLLED BY ONE SWITCH

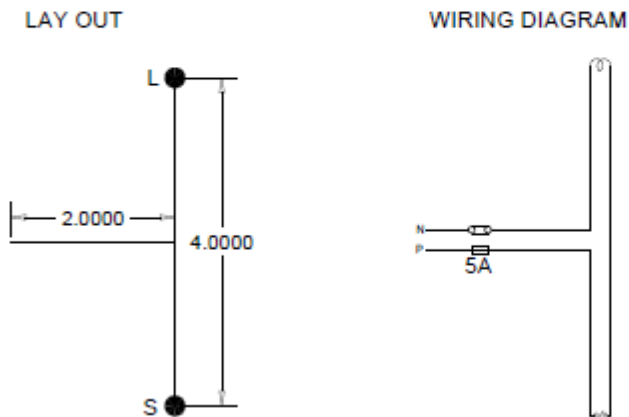
AIM:-

To wire up a circuit in conduit system one lamp controlled by one switch

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

ONE LAMP CONTROLLED BY ONE SWITCH



ESTIMATE:-

SI NO	NAME OF METERIALS	SPECIFICATION	QUATITY	UNITS	REMARKS

1					
2					
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

Wired up a circuit in conduit system,one lamp controlled by one switch.

TWO LAMP CONTROLLED BY TWO SWITCH

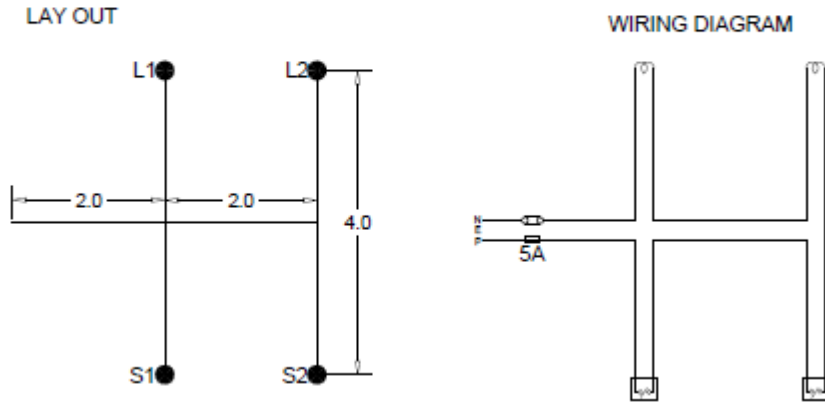
AIM:-

To wire up a circuit in conduit system two lamp controlled by two switch

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no,
Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

TWO LAMP CONTROLLED BY TWO SWICHES



ESTIMATE:-

SI NO	NAME OF METERIALS	SPECIFICATION	QUATITY	UNITS	REMARKS
1					
2					
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4					
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.

5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

Wired up a circuit in conduit system, two lamps controlled by two switches.

TWO LAMPS AND A SOCKET OUT LET

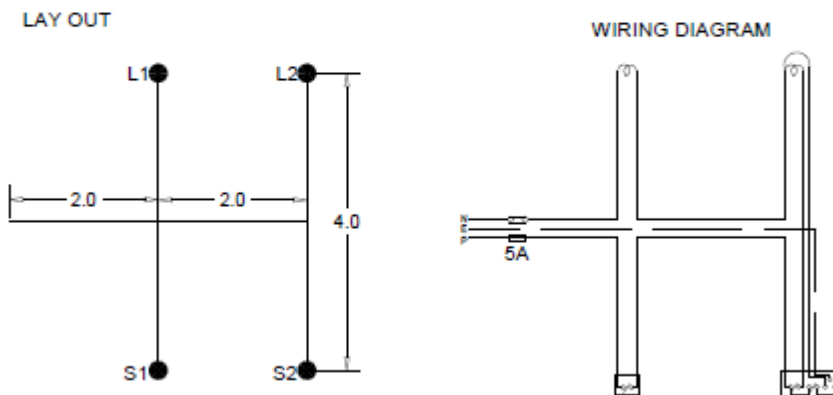
AIM:-

To wire up a circuit in conduit system two lamps and a socket out let each controlled independently.

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

TWO LAMP CONTROLLED BY TWO SWICHES WITH SOCKET OUTLET



ESTIMATE:-

SI NO	NAME OF MATERIALS	SPECIFICATION	QUANTITY	UNITS	REMARKS
1					
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

Wired up a circuit in conduit system, two lamps and a socket out let each controlled independently.

SERIES PARALLEL CIRCUIT

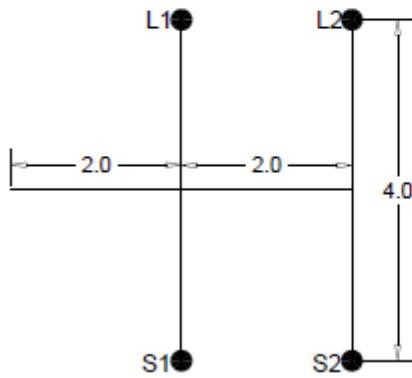
To wire up a circuit in conduit system of series parallel connection.

TOOLS REQUIRED:-

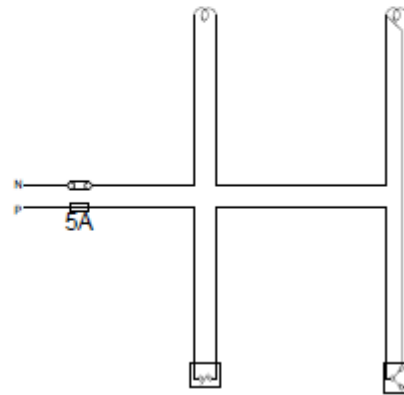
Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

SERIES PARALLEL CONNECTION

LAY OUT



WIRING DIAGRAM



ESTIMATE:-

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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.

6. Finished the work neatly and correctly.

RESULT:-

Wired up a circuit in conduit system, two lamp controlled by one switch.

STAIR CASE WIRING

AIM:-

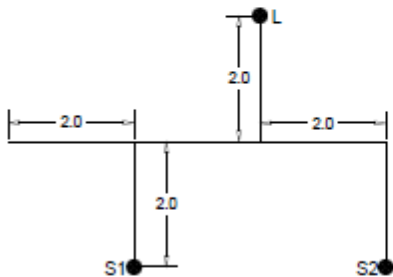
To wire up a circuit in conduit system one lamp controlled by two switches (stair case wiring) in deferent places.

TOOLS REQUIRED:-

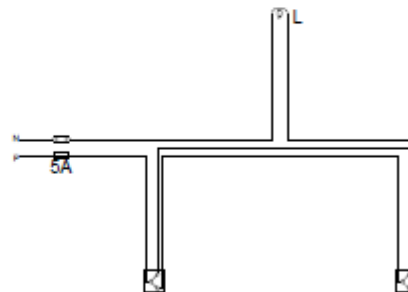
Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

STAIR CASE WIRING

LAY OUT



WIRING DIAGRAM



ESTIMATE:-

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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

To wired up a circuit in conduit system One lamp controlled by two switches (stair case wiring) in deferent places.

HOSPITAL WIRING

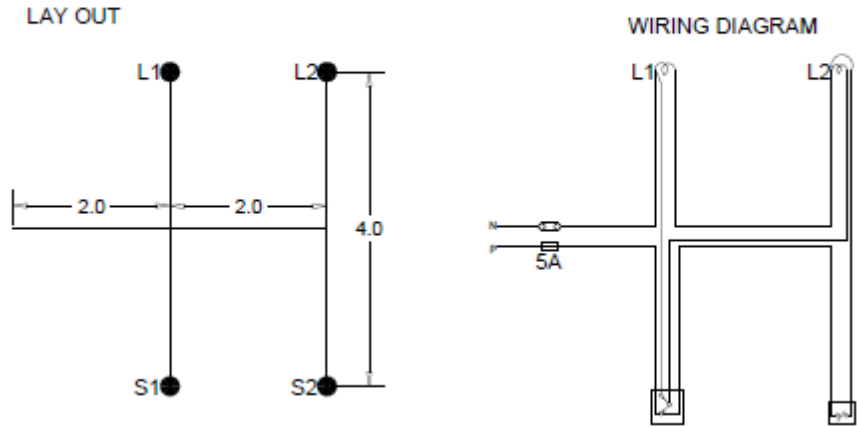
AIM:-

To wire up a circuit in conduit system two lamps controlled by two switches (one way and two way hospital wiring)

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no,
Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

HOSPITAL WIRING



ESTIMATE:-

SI NO	NAME OF METATERIALS	SPECIFICATION	QUANTITY	UNITS	REMARKS
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

To wired up a circuit in conduit system two lamps controlled by two switches (one way and two way hospital wiring)

GODOWN WIRING

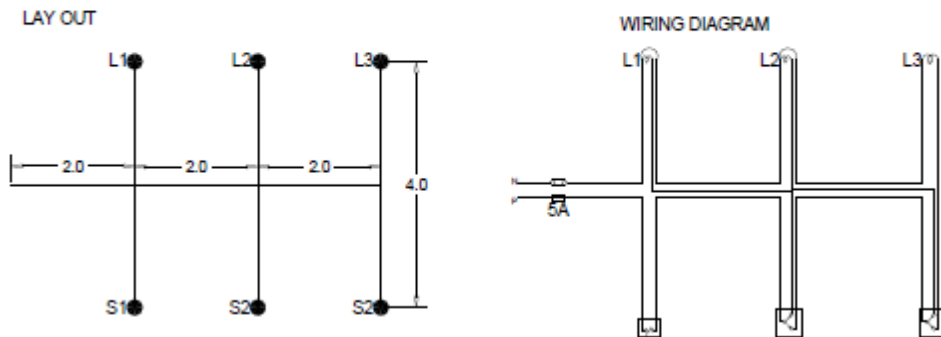
AIM:-

To wire up a circuit in conduit system as per layout and conditions (go down wiring)

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....

GODOWN WIRING



ESTIMATE:-

SI NO	NAME OF MATERIALS	SPECIFICATION	QUANTITY	UNITS	REMARKS
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

To wire up a circuit in conduit system as per layout and conditions (go down wiring)

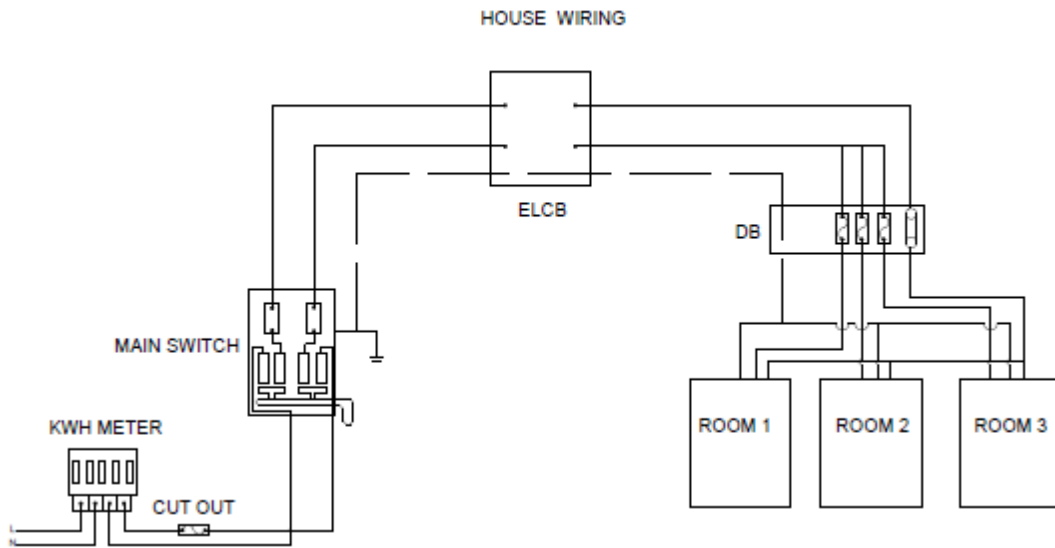
HOUSE WIRING SINGLE PHASE

AIM:-

To study about single phase house wiring and wire up the circuit

TOOLS REQUIRED:-

Screw driver 200mm-1no, combination pair 150mm-1no, Line tester 500v-1no, Wire stripper-1 no, pocker-1no, Mallet-1no, etc....



ESTIMATE:-

SI NO	NAME OF MATERIALS	SPECIFICATION	QUANTITY	UNITS	REMARKS
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PROCEDURE:-

1. Draw the lay out and connection diagram.
2. Collect the required wiring materials.
3. Connect the required materials on the work board as per connection diagram.
4. Check the circuit for continuity.
5. Given the supply to the circuit after checking.
6. Finished the work neatly and correctly.

RESULT:-

To study about single phase house wiring and wire up the circuit

MADIN Polytechnic College