

Correction.

Full nam.....Group :.....Sec :.....

✓ Circle the correct answer. (4pts)

A) The buzzer is responsible for :

1) Giving light .

2) Making sound .

3) Lowering voltage .

B) Electricity is transported using :

1) Ropes.

2) Wires,

3) Cables.

C) Transformers at substations are:

1) Increasing the voltage .

2) Stepping down the voltage .

3) Decreasing the voltage .

D) An outlet is:

1) A source of energy .

2) A kind of transformers .

3) The element we want to turn on.

✓ What are the functions of a resistor? (3pts)

1. It converts electric energy into heat

2. It protects the wires

3. It prevents circuit shocks

✓ Compare between the 2D system and the 3D system. (3pts)

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| ^{2D:}
1. Makes revisions and modifications | ^{3D:}
1. We can check and assemble the components |
| 2. Saves time and replace the paper | 2. we can analyze view projections |
| 3. Can not check the components | 3. We can have geometric similarities |

✓ Complete with the right word. (4pts)

Shared, delivered, same, generator, burns out, equal, divided, be cut

In the series circuit, the intensity of the electric current delivered by the battery is the same in both bulbs (lamps). The voltage in the series terminals is divided between the two bulbs. If one bulb burns out, the current flow will be cut in all over the circuit.

In the parallel circuit, the intensity of the electric current delivered by the battery is shared by both bulbs. The voltage is equal in the generator terminals. If one bulb burns out, the current will not be cut in other derivation branches.

✓ What is electricity transportation? (1,5pts)

Electricity is transported with cables from electric factory to substations using high voltage.

✓ What is electricity distribution? (1,5pts)

Electricity is distributed to houses, offices, factories using wires with low voltage.

✓ Use "some" "or" any " in these sentences. (3pts)

- 1) He refused to do any job.
- 2) Can you lend me some books, please?
- 3) She left the room without saying any word?
- 4) You should take some vitamins.
- 5) He never reads any newspapers.
- 6) Would you like some tea?

Good Luck
S. Aouiche