



Subject: Grade 6 Natural Sciences

Topic: Electricity

Total: 30 Marks

1. true 2 marks

Explanation:

When you touch a statically charged object, we say that it is earthed. It will then lose its charge.

2. true 2 marks

Explanation:

It must be supplied by a source such as a cell or battery.

3. dry 3 marks

Explanation:

Cells are used in a torch, while a battery consists of more than one cell. E.g. : 2 or more cells in a torch or radio form one battery.

4. false 2 marks

Explanation:

Plastic is an insulator. Can you think of another one?

5. alternator 3 marks

Explanation:

The alternator supplies electrical energy.

6. conductor | lead 4 marks

Explanation:

Copper, zinc and lead are combined to make a DURABLE alloy, often used for wire cabling.

7. heat 3 marks

Explanation:

Heat causes the particles of the substance to move or vibrate more rapidly.

8. brown | live 4 marks

Explanation:

The BLUE wire is connected to the pin marked N, which stands for NEUTRAL.

9. energy | energy.

3 marks

Explanation:

Electricity is a form of energy. Electricity causes a number of appliances to do work.

10. A: strength and durability

4 marks

Explanation:

Zinc and lead will lead to a stronger, longer-lasting cable.

Total: 30 Marks