

Question 3: State whether the following statements are TRUE or FALSE. Only write True or False next to the statement.

- 3.1. Reactant is a substance that is present before the reaction takes place; it is a starting material of the reaction. _____ (1)
- 3.2. Product is a substance that forms during the reaction; it will be present after the reaction has taken place. _____ (1)
- 3.3. Name of the element whose symbol is Ca is Calcium. _____ (1)
- 3.4. Proton is a type of sub-atomic particle that is positively charged and occurs inside the atomic nucleus along with neutrons. _____ (1)
- 3.5. Like-charges repel each other. _____ (1)
- 3.6. Friction is a resistance against the movement of an object as a result of its contact with another object. _____ (1)
- 3.7. Unlike-charges attract each other. _____ (1)
- 3.8. If an object gain electrons, it will get positively charged. _____ (1)
- 3.9. Unit of weight is Newtons. _____ (1)
- 3.10. An electroscope is an early scientific instrument used to identify the presence of a charged object or it can be used to identify the type of charge on a charged object. _____ (1)
- / 10

Question 4: Give the correct scientific term for each of the following descriptions. Write only the term next to the question.

- 4.1. The protons and neutrons are deep inside the atom, in a zone called the _____. (1)
- 4.2. Anything that has mass and occupies volume is called _____. (1)
- 4.3. _____ are the source of energy for the electric circuit. (1)
- 4.4. The _____ of an object or substance tells us how much matter it consists of. (1)
- 4.5. _____ is a measure of how much mass of a material fits into a given volume? (1)
- 4.6. _____ is a component in a circuit which resists the movement of electrons through the circuit. (1)
- 4.7. _____ circuit is one in which there is only one pathway for the electric current to follow. (1)
- 4.8. _____ is a measuring device used to measure the electric current in the circuit. (1)
- 4.9. _____ offer more than one pathway for the electrons to follow. (1)
- 4.10. When light travels from one medium to another, it bends in different direction. This is called _____. (1)

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