

I. Match the following by writing the letter of the correct answer.

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|--------------------------------|------------------------------|
| _____ 1. Thomas Edison | a. Telephone |
| _____ 2. Alessandro Volta | b. Computer |
| _____ 3. Michael Faraday | c. Incandescent light bulb |
| _____ 4. Alexander Graham Bell | d. Radio transmitter |
| _____ 5. Nikola Tesla | e. Battery |
| _____ 6. Guglielmo Marconi | f. Alternating current motor |
| _____ 7. Alan Turing | g. Electric motor |

II. Write the letter of the correct answer.

- _____ 1. The center of an atom is called the _____.
a. Electrons c. Protons
b. Neutrons d. Nucleus
- _____ 2. Have a negative charge (-).
a. Electrons c. Protons
b. Neutrons d. Nucleus
- _____ 3. Have a positive charge (+).
a. Electrons c. Protons
b. Neutrons d. Nucleus
- _____ 4. It is a property of matter that results from the presence or movement of electric charge.
a. Electricity c. Electromagnetism
b. Power d. Static Electricity
- _____ 5. It is a form of electricity.
a. atoms c. Lighting
b. Power d. none of the above
- _____ 6. It is the increase of electric charge on the surface of Objects.
a. Electromagnetism c. Lighting
b. Static Electricity d. Electricity
- _____ 7. The _____ of electricity is a steady flow of electrons.
a. power c. insulators
b. conductors d. current

- _____ 8. It is a path in which electrons from a voltage or current source flow.
- a. Electromagnetism c. Lighting
 - b. Current d. Electrical circuit
- _____ 9. Electrons spin around the nucleus in _____.
- a. shells c. insulators
 - b. conductors d. current
- _____ 10. _____ are materials that permit electrons to flow freely from particle to particle.
- a. Current c. Circuit
 - b. Conductors d. none of the above

III. Write **True** if the statement is correct or **False** if the statement is incorrect.

- _____ 1. Conductors allow for charge transfer through the free movement of protons.
- _____ 2. Charge exchange can happen in conditions like when different objects are rubbed and separated.
- _____ 3. Electricity is the movement of protons between atoms.
- _____ 4. An atom is in balance when it has an equal number of protons and electrons.
- _____ 5. Electricity is responsible for many well-known physical phenomena such as lightning, electric fields and electric currents.
- _____ 6. A stream of protons jumped to you from that object.
- _____ 7. A battery converts chemical energy into electrical energy.
- _____ 8. Telephone is the first successful long-distance wireless telegraph.
- _____ 9. The battery was the first device developed to power electrical devices.
- _____ 10. Telephone, an apparatus for transmitting vocal or other sounds telegraphically.