

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

_____ 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. Nuetrons d. Nucleus
- _____ 2. Have a negative charge (-).
a. Electrons c. Protons
b. Nuetrons d. Nucleus
- _____ 3. Have a positive charge (+).
a. Electrons c. Protons
b. Nuetrons 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** is 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.