

True/False Questions

1. **Nikola Tesla was born in the United States.** (False)
 - Tesla was born in Smiljan, in present-day Croatia.
2. **Tesla's father was a writer and a priest.** (True)
 - Tesla's father, Milutin Tesla, was indeed a priest and a writer.
3. **Tesla and Thomas Edison had the same ideas about electricity.** (False)
 - Tesla supported alternating current (AC), while Edison supported direct current (DC).
4. **The Tesla Coil is still used in modern technology.** (True)
 - The Tesla Coil is used in various electronic devices like radios and televisions.
5. **Tesla was married and had a large family.** (False)
 - Tesla never married and did not have children.

Open-Ended Questions

1. **Where was Nikola Tesla born?**
 - Nikola Tesla was born in Smiljan, which is now in Croatia, on July 10, 1856.
2. **What did Tesla study at the Austrian Polytechnic in Graz?**
 - Tesla studied engineering, focusing on math and science, especially electricity.
3. **Why did Tesla leave the university before finishing his degree?**
 - Tesla left the university due to difficulties he faced during his studies, though he continued to study on his own.
4. **What was the main difference between Tesla's and Edison's ideas about electricity?**
 - The main difference was that Tesla supported the use of alternating current (AC), while Edison supported direct current (DC).
5. **What is the Tesla Coil, and what is it used for?**
 - The Tesla Coil is a device that produces high-voltage electricity. It is used in radios, televisions, and other electronic devices.
6. **How did Tesla's work with alternating current (AC) impact the world?**
 - Tesla's work with AC led to it becoming the standard system for delivering electricity, which is safer and more efficient than DC.
7. **What was Tesla's idea for wireless energy, and how did he try to test it?**
 - Tesla dreamed of sending electricity wirelessly and built the Wardencliff Tower on Long Island to test his ideas, though the project was never completed.
8. **What challenges did Tesla face in his personal and professional life?**

- Tesla often struggled with money, was not good at business, and became more isolated in his later years, focusing on his work even as his financial situation worsened.

9. How is Tesla honored in the modern world today?

- Tesla is honored by having the electric car company Tesla, Inc., named after him, and his inventions continue to influence modern technology.

10. What can we learn from Nikola Tesla's life and work?

- Tesla's life teaches us the importance of perseverance, creativity, and believing in oneself, despite challenges and difficulties. His contributions to science and technology show the power of innovation and imagination.