

Name \_\_\_\_\_

## Nikola Tesla: A Visionary Inventor's Legacy

### Short Answer

1. Explain the significance of Nikola Tesla's invention of the alternating current (AC) induction motor.
2. How did Tesla's work on wireless communication and radio technology impact the world?
3. What challenges did Nikola Tesla face during his lifetime, and how did he overcome them to continue his innovative work?
4. What is the Tesla coil, and what role did it play in Tesla's contributions to science and technology?
5. Why is Nikola Tesla considered a visionary inventor, and what aspects of his legacy continue to influence modern technology?

