

History–Invention Assignment

Prepare a Word document that addresses the statements below. The response to each statement should directly address all necessary points. Your responses should be concise and accurate and use proper grammar.

Statement 1:

Describe Faraday’s scientific accomplishments and the inventions that followed directly from his work. When, where, and under what sort of society did Faraday live?

Statement 2:

Describe the ac/dc war for power transmission and use in the United States. Include the location and time of the current war, the principle figures (Tesla and Edison), their positions on the subject, and their relationship with each other.

Statement 3:

Choose one of the principal characters (Tesla or Edison), and describe his life and accomplishments.

Statement 4:

Computers and electromagnetic theory have spawned some important inventions that have helped mankind in many ways. The medical field is an area that has benefited greatly. **Compare and contrast** these three ways of looking inside the body with electromagnetic radiation: X-rays, CAT or CT scans, and MRI or NMRI scans.

Statement 5:

Describe the life of A.A. Michelson and his famous experiment with E.W. Morley on the speed of light.