

Foundational Electrical Engineering Facts

Electrical Engineering · Answer Key · 8 Questions

1. Who is credited with discovering electromagnetic induction in 1831?

- A) Nikola Tesla
- B) Thomas Edison
- C) Michael Faraday**
- D) James Clerk Maxwell

2. What is the SI unit for electric current, named after a French physicist?

- A) Volt
- B) Ohm
- C) Watt
- D) Ampere**

3. In what year did Thomas Edison famously demonstrate his incandescent light bulb?

- A) 1850
- B) 1879**
- C) 1901
- D) 1925

4. What is the standard unit of electrical resistance, named after a German physicist?

- A) Farad
- B) Joule
- C) Ohm**
- D) Henry

5. Who developed the alternating current (AC) system that is widely used today?

- A) Albert Einstein
- B) Nikola Tesla**
- C) Isaac Newton
- D) Galileo Galilei

6. The SI unit for electric potential difference is named after which Italian physicist?

- A) Alessandro Volta**
- B) André-Marie Ampère
- C) Georg Simon Ohm
- D) James Watt

7. In what year was the first transatlantic telegraph cable successfully laid?

A) 1815

B) 1866

C) 1903

D) 1945

8. What is the SI unit of electric capacitance, named after an English scientist?

A) Ohm

B) Watt

C) Farad

D) Henry