

Foundational Electrical Engineering Facts

Electrical Engineering · Practice Test · 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