

# EMC Practice Test Questions and Answers

## 1. What does EMC stand for in electronics and engineering?

- A) Electronic Media Control
- B) Electromagnetic Compatibility
- C) Electric Motor Certification
- D) Emergency Medical Care

## 2. What is the primary purpose of EMC testing?

- A) To measure power consumption
- B) To ensure devices can operate properly in their electromagnetic environment without causing interference
- C) To test physical durability
- D) To measure temperature resistance

## 3. Which type of EMC test measures unwanted electromagnetic energy emitted by a device?

- A) Immunity testing
- B) Emissions testing
- C) Susceptibility testing
- D) Performance testing

## 4. What is a common method for reducing electromagnetic interference (EMI) in electronic devices?

- A) Increasing operating frequency
- B) Proper grounding, shielding, and filtering of electrical circuits
- C) Using longer cable lengths
- D) Removing all protective components

Answers: 1-B 2-B 3-B 4-B

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