

Electrical Overstress – 4

Multiple Choice Quiz

TI Precision Labs – Op Amps



Quiz: Electrical Overstress – 4

1. **Class D performance in an EMC test means the circuit _____.**
 - a. Remains within the specified limits at all times
 - b. Permanently loses performance or functionality
 - c. Temporarily loses performance and recovers with user intervention
 - d. Temporarily loses performance and recovers after the disturbance ends

2. **_____ is the organization which has set the international standards for EMC tests.**
 - a. AES
 - b. IEEE
 - c. IEC
 - d. SEC

3. **Which of the following is not a type of ESD test?**
 - a. Contact discharge
 - b. Vertical coupling plane discharge
 - c. Internal discharge
 - d. Air discharge

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4. _____ simulates transients on power and data lines caused by lightning strikes and switching.

- a. Surge
- b. EFT
- c. ESD
- d. EMI

5. An engineering evaluation is a series of EMC tests performed by _____.

- a. Technicians at an accredited test center
- b. The circuit designer
- c. Representatives from the IEC

6. Which type of transient contains the most power?

- a. ESD
- b. EFT
- c. Surge

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Multiple Choice Quiz: Solutions

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