

Name: _____ Date: _____ Level: _____

NOCTI Remediation of Electrical Measuring Devices

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. An instrument used to measure values of resistance is called a(n) _____.
 - a. ammeter
 - b. ohmmeter
 - c. voltmeter
 - d. wattmeter
2. The letters VOM are an abbreviation for volt, ohm, and _____.
 - a. milliamps
 - b. meter
 - c. milliammeter
 - d. measurement
3. A meter that uses a moving pointer or needle to indicate a value on a scale is called a(n) _____ meter.
 - a. LCD
 - b. analog
 - c. digital
 - d. parallax
4. Which of the following test instruments must be used only when the circuit is not energized?
 - a. Ammeter
 - b. Ohmmeter
 - c. Voltmeter
 - d. Wattmeter
5. One megohm is equal to _____ ohms.
 - a. one hundred
 - b. one thousand
 - c. one million
 - d. one billion
6. _____ are load types where the load impedance is not constant.
 - a. Harmonics
 - b. Linear loads
 - c. Non-linear loads
 - d. True RMS
7. _____ are frequencies that are multiples of the fundamental 60 Hertz frequency.
 - a. Harmonics
 - b. Linear loads
 - c. Non-linear loads
 - d. True RMS
8. _____ meters provide accurate measurements of AC values in environments where the basic AC waveform is distorted.
 - a. Harmonic
 - b. Linear load
 - c. Non-linear load
 - d. True RMS

9. Electrical power is measured in _____.
- amps
 - ohms
 - volts
 - watts
10. A voltmeter is used to measure _____.
- ammeter
 - megohms
 - continuity
 - None of the above
11. A Wiggy is an electrical trade name for a _____.
- solenoid type voltmeter
 - solenoid type voltage tester
 - solenoid type ammeter
 - ohmmeter
12. Kilowatt-hour meters are used to measure _____.
- electrical power
 - electrical energy
 - large amounts of voltage
 - large amounts of amperage
13. _____ are frequencies that are multiples of the standard 60 Hertz.
- LCD
 - Harmonics
 - RMS
 - Auto-ranging
14. A break in an electrical conductor or cable is called a(n) _____ circuit.
- linear
 - non-linear
 - open
 - short
15. A(n) _____ is used to determine the amount of resistance to the earth through a grounding electrode.
- multimeter
 - ground resistance meter
 - megger
 - wiggy
16. A(n) _____ can indicate that voltage is present on a circuit without actually being connected to the circuit.
- wiggy
 - ohmmeter
 - ground resistance tester
 - non-contact voltage tester
17. Never attach a continuity tester to a circuit that is energized.
- True
 - False
18. Always read and follow any operating instructions that come with a meter.
- True
 - False