

ELECTRICAL TEST ANSWERS
November 3, 1999

Answer Question 1: A

An overcurrent device shall be connected at the point where the conductor to be protected receives its supply. National Electrical Code, Section 240-21

Answer Question 2: A

EMT shall be supported every 10' and within 3' of a box, cabinet or fitting, National Electrical Code, Section 348-12

Answer Question 3: C

The essential parts of an ohmmeter are a source of voltage, a resistor, and a voltmeter. The voltage normally supplied by a conventional battery and is usually connected to a variable rheostat so that the battery voltage can be adjusted to a constant predetermined value. The resistor is connected in series with the voltmeter and the lead terminals that are connected to the unknown resistance to be measured. When the reading is taken, no computation is necessary; the instrument indicates resistance directly on a scale calibrated in ohms.

Answer Question 4: B

Where the National Electrical Code specifies that one item or piece of equipment shall be "in sight from," "within sight from," or "within sight," etc. of another piece of equipment, they must not be more than 50 feet apart.

Answer Question 5: D

National Electrical Code, Section 210-52(g) requires at least one receptacle outlet to be installed in each attached garage, and in each detached garage with electric power.