



PART 2

NATIONAL ELECTRICAL CODE

Closed Book

Time Limit - 3 HOURS

National Electrical Code

Mike Holt's Illustrated Guide to Understanding the National Electrical Code® would be very helpful in understanding the questions contained in Part 2.

NOTE: The symbol (•) indicates questions are statistically shown to be more difficult.

1. Electrical systems that are grounded shall be connected to earth in a manner that will _____.
 - (a) limit voltages due to lightning; line surges; or unintentional contact with higher voltage lines
 - (b) stabilize the voltage-to-ground during normal operation
 - (c) facilitate overcurrent protection device operation in case of ground faults
 - (d) a and b
2. Electrically heated smoothing irons shall be equipped with an identified _____ means.
 - (a) disconnecting
 - (b) temperature-limiting
 - (c) current limiting
 - (d) none of these
3. Embedded deicing and snow-melting equipment cables; units; and panels shall not be installed where they bridge _____.
 - (a) roads
 - (b) over-water spans
 - (c) runways
 - (d) expansion joints
4. ENT must be secured in place every _____ in.
 - (a) 12
 - (b) 18
 - (c) 24
 - (d) 36
5. Equipment in an area containing acetylene gas must be rated for a Class I; Group A location.
 - (a) True
 - (b) False
6. Equipment intended to break current at other than fault levels shall have an interrupting rating at system voltage sufficient for the current that must be interrupted.
 - (a) True
 - (b) False
7. Exposed conductive parts of luminaires shall be _____.
 - (a) grounded
 - (b) painted
 - (c) bonded
 - (d) a and b