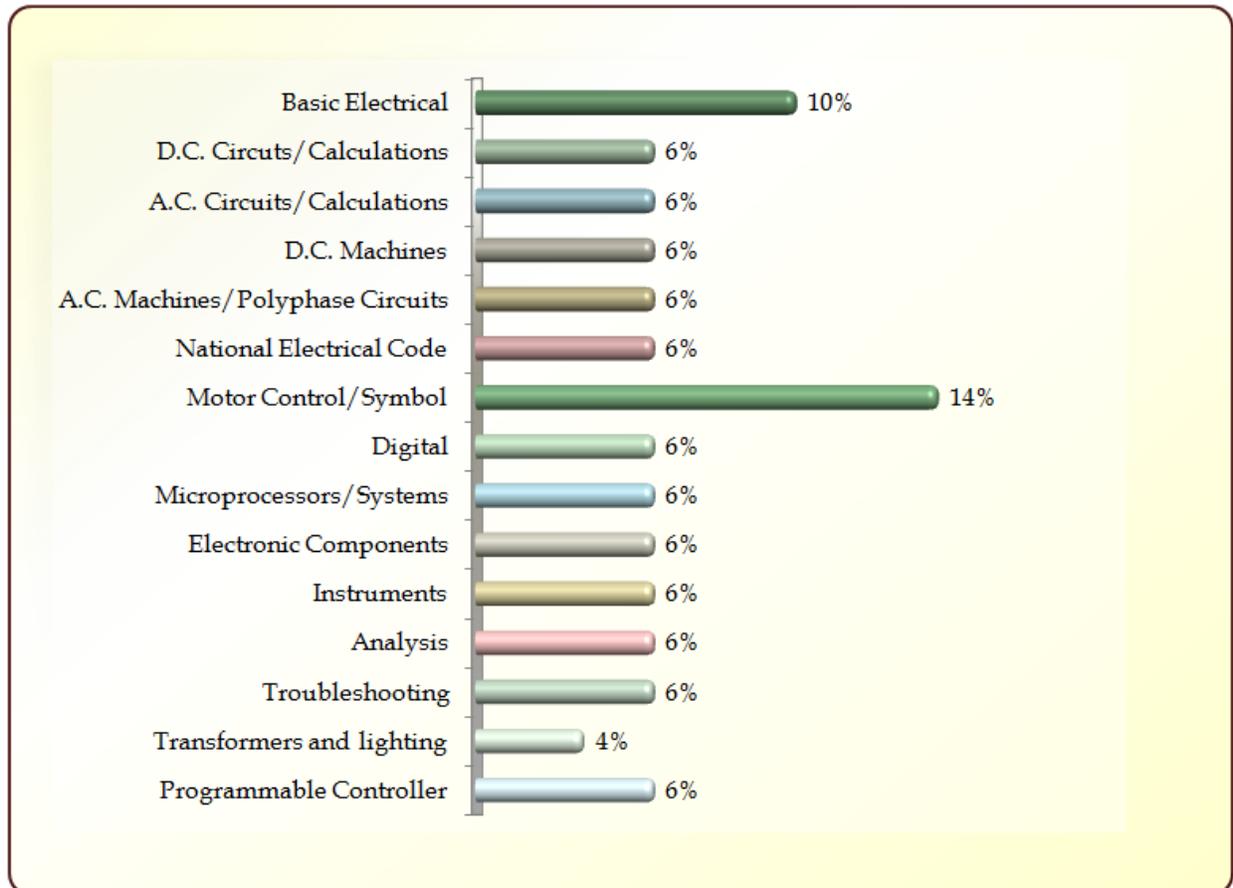


Advanced Skills Assessment Blueprint

Electricity / Electronics



Written Assessment:**Administration Time:** 3 hours**Number of Questions:** 160**Areas Covered:**

Sample Questions:

A Rheostat, a type of variable resistor, is normally used to control electrical

- A. pressure
- B. power
- C. current
- D. frequency

When working with capacitors, the first thing to do to them is to see that they are

- A. wiped clean
- B. discharged
- C. disconnected
- D. charged

The speed of a wound-rotor motor may be increased by

- A. reducing the resistance in the secondary circuit
- B. reducing the resistance in the primary circuit
- C. inserting resistance in the primary circuit
- D. inserting resistance in the secondary circuit

Ambient temperature is the

- A. air temperature where a piece of equipment is located
- B. temperature of the windings in the motor
- C. temperature of the air inside the controller
- D. temperature of the wires feeding the motor

The number of bits necessary to represent the binary equivalent of the decimal number 62 is

- A. 2
- B. 6
- C. 7
- D. 8

