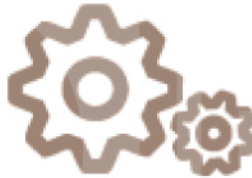


*Experienced Worker Assessment Blueprint*

*Industrial Electrician (Written Only)*

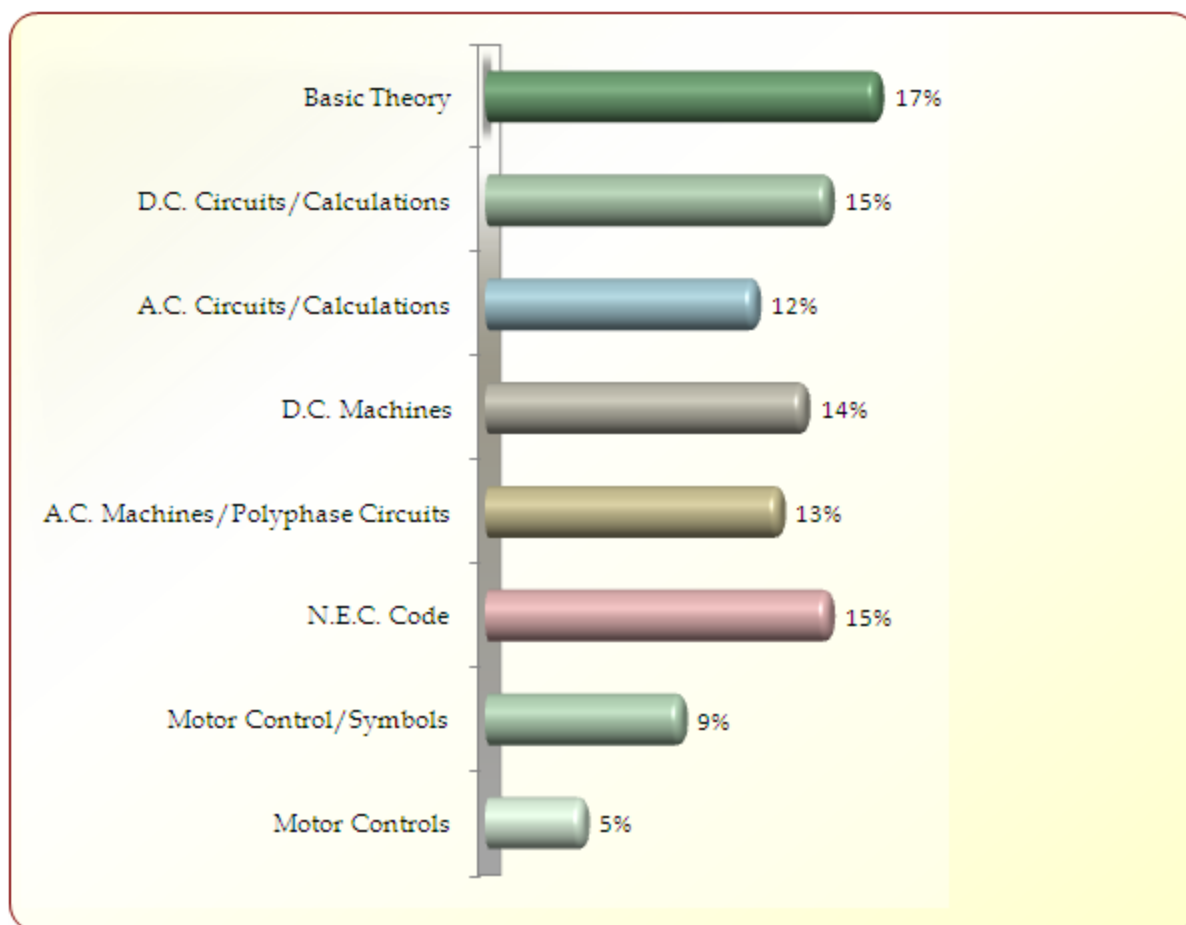


## Written Assessment:

Administration Time: 3 hours

Number of Questions: 190

### Areas Covered:



## Sample Questions:

Concerning transformers in general, which statement is true?

- A. The secondary is the low voltage winding.
- B. The primary is the high voltage winding.
- C. The primary is connected to the load.
- D. The secondary is connected to the load.

When using a 3 wire control circuit to control a magnetic motor starter, the part that will open the control circuit when an overload occurs is/are the

- A. motor starter auxiliary contact
- B. motor starter power contacts
- C. overload relay heater element
- D. overload relay switch

A \_\_\_\_\_ location is a location in which ignitable concentrations of flammable gases can exist under normal operating conditions.

- A. Class I, Division I
- B. Class I, Division II
- C. Class II, Division I
- D. Class II, Division II

Which of the following aids in releasing the armature of a relay when voltage is disconnected?

- A. magnet assembly
- B. air gap
- C. shading coil
- D. bell crank

A single receptacle is to be attached to a 20 amp branch circuit. The receptacle can be sized

- A. 20 amps only
- B. 15 amps only
- C. either 15 or 20 amps
- D. depends on the voltage used

