

APPLICANT'S NAME: _____

DATE: _____

SCORE: _____

CT007 COMMERCIAL ELECTRICAL TEST - JOURNEYMAN

1. On a 277/480 volt 3 phase electrical system, what color code would match?
 - A. Phase _____
 - B. Phase _____
 - C. Phase _____

2. On a 120/230 volt 3 phase electrical system, what color code would match?
 - A. Phase _____
 - B. Phase _____
 - C. Phase _____

3. When connecting a transformer, what does the H1 symbol denote?
 - A. a-phase on primary
 - B. c-phase on primary
 - C. a-phase on secondary
 - D. neutral

4. When connecting a transformer, what does the X0 symbol denote?
 - A. a-phase on primary
 - B. c-phase on primary
 - C. d-phase on secondary
 - D. neutral

5. The conductor for H2 connection on a 480-volt delta to 120/208-volt wye transformer should be marked _____.
 - A. red
 - B. blue
 - C. orange
 - D. green
 - E. brown

6. The conductor for X3 on a volt 480-volt delta to a 120/208-volt wye transformer should be marked _____.
 - A. red
 - B. blue
 - C. orange
 - D. green
 - E. black

7. How many inches do you deduct for a 1/2" EMT 90 degree bend?
 - A. 3"
 - B. 4"
 - C. 5"
 - D. 6"
 - E. 7"

8. The start button on a start/stop station is normally in the open position.
 - A. True
 - B. False

9. A conductor marked green is an underground conductor.
 - A. True
 - B. False

10. A set of THHN conductors carrying 480 volts can be in the same conduit with another set of THHN conductors carrying 120 volts.
 - A. True
 - B. False

11. The name for an equipment-grounding conductor is commonly called a neutral conductor.
 - A. True
 - B. False

12. If a heater takes 1200 watts at 120 volts, what would the amperage be?
 - A. 120 volts
 - B. 10 amps
 - C. 10 watts
 - D. 12 amps
 - E. None of the above