

Trainee Name: _____

Social Security Number: _____ Date: _____

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| <p>_____ 1. Each of the following is a type of current transformer <i>except</i> _____.</p> <ul style="list-style-type: none"> a. oil-filled b. bar c. circle d. bushing | <p>_____ 5. The continuous current that a circuit breaker can carry without exceeding a specified temperature rise is known as the _____.</p> <ul style="list-style-type: none"> a. trip current b. overload rating c. rated current d. interrupting rating |
| <p>_____ 2. The most important consideration for selecting a current transformer for relaying is the _____.</p> <ul style="list-style-type: none"> a. saturation characteristics b. BIL c. physical size d. available space | <p>_____ 6. Which test on a transformer verifies the primary/secondary winding ratios?</p> <ul style="list-style-type: none"> a. Winding resistance test b. Insulation resistance test c. Ratio test d. Core test |
| <p>_____ 3. What is the standard secondary current rating of a current transformer?</p> <ul style="list-style-type: none"> a. 4A b. 5A c. 6A d. 7A | <p>_____ 7. Each of the following is a type of ground fault system <i>except</i> _____.</p> <ul style="list-style-type: none"> a. ground strap b. residual c. zero sequence d. ground circuit interrupter |
| <p>_____ 4. What is the standard output voltage of potential transformers?</p> <ul style="list-style-type: none"> a. 12V b. 24V c. 120V d. 240V | <p>_____ 8. Which conductor may be any color except green, green with a yellow stripe, white, or gray?</p> <ul style="list-style-type: none"> a. Grounded conductor b. Ground c. Ungrounded conductor d. Neutral |

- _____ 9. Nonstandard abbreviations on electrical prints will typically be defined on the _____.
a. one-line diagram
b. legend
c. title block
d. revision notes
- _____ 10. What type of drawing should be used to locate a faulty component?
a. One-line diagram
b. Elementary diagram
c. Block diagram
d. Connection diagram
- _____ 11. What is the abbreviation used for an auxiliary switch?
a. XSH
b. SW
c. AS
d. AUS
- _____ 12. Catalog numbers of items specified on electrical drawings can be found in the _____.
a. notes
b. title block
c. Bill of Materials
d. unit nameplate
- _____ 13. Wires from a sensor to a ground fault relay should be no longer than _____.
a. 10'
b. 25'
c. 50'
d. 100'
- _____ 14. What happens to a current transformer (CT) if it is open circuited while operating under load?
a. The CT drops into half-cycle operation.
b. The CT secondary voltage goes very high.
c. The CT primary current goes very high.
d. The CT's shorting bar automatically drops in.
- _____ 15. A circuit breaker with contacts that open in air is classified as an _____.
a. ACB
b. OCB
c. OAB
d. AOB