Unit 3 - Week 2

Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) Limitation of the electro-mechanical relay is due
   - missing parts and suffer from the problem of friction
   - low torque
   - high power and high power consumption for auxiliary mechanisms
   - all of the above

No, the answer is incorrect
Score: 0
Accepted Answers:
all of the above

2) Characteristic of an overcurrent relay is always plotted between
   - current and time
   - multiple of pickup current and time
   - voltage and time
   - none of the above

No, the answer is incorrect
Score: 0
Accepted Answers:
multiple of pickup current and time

3) A transmission line is protected by
   - busbar protection
   - live line overcurrent protection
   - current graded over current protection
   - time graded and current graded over current protection
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
time graded and current graded over current protection

4) Which of the following is cheapest protection for overcurrent in low voltage system?
   - digital relay
   - numerical relay
   - microprocessor
   - electro-mechanical relay

No, the answer is incorrect
Score: 0
Accepted Answers:
resistive fuse

5) Which of the following relay can not use in backup protection?
   - inverse time overcurrent relay
   - definite minimum time relay
   - instantaneous overcurrent relay
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
definite minimum time relay

6) Relays for transmission line protection are
   - in three zones
   - in two zones
   - independent of zones
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
in three zones

7) The multiple of pickup current (MP) is also known as plug setting multiplier (PSM). It defined as the ratio of ________ referred to either the primary or secondary side of CT
   - fault current to CT current rating
   - fault current to relay pickup current
   - relay pickup current to CT current rating
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
relay pickup current to CT current rating

8) Transient overreach phenomenon for an overcurrent relay because if the decay of DC component of fault current is
   - constant
   - fast
   - slow
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
constant

9) Which of the following relay experience the more transient overreach effect due to DC component of fault current?
   - inverse time overcurrent relay
   - definite minimum time relay
   - instantaneous overcurrent relay
   - none of these

No, the answer is incorrect
Score: 0
Accepted Answers:
definite minimum time relay

10) Minimum coordination time (MCT) between relays is decided by considering
    - errors in the relay alone
    - operating time of breaker
    - errors in the CTs and CTs
    - operating time of relay, circuit breaker, and errors in the CTs and CTs

No, the answer is incorrect
Score: 0
Accepted Answers:
operating time of relay, circuit breaker, and errors in the CTs and CTs

Due on 2020-05-30, 23:59 IST.