

**KING FAHD UNIVERSITY OF PETROLEUM & MINERALS**  
**ELECTRICAL ENGINEERING DEPARTMENT**

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**EE-465**

**Key Solutions**

Quiz # 4    Serial #

Name:

I.D.#

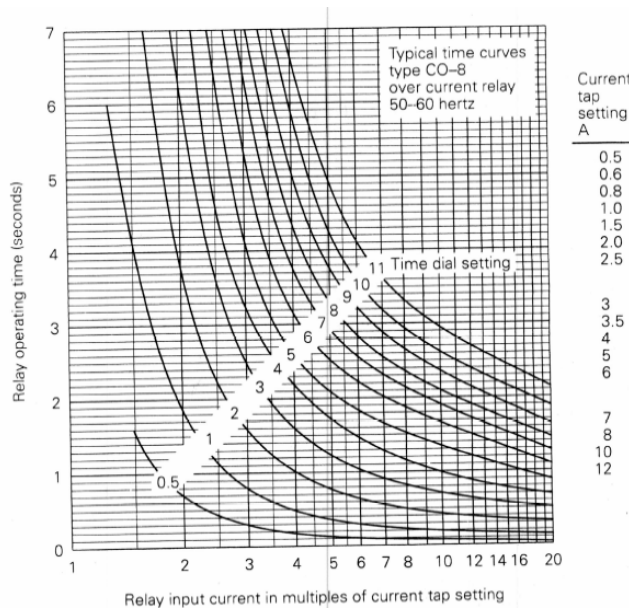
Circle the correct answer.

1) The excitation curve of a potential transformer is used

- a. In finding the pick-up current  $I_p$ .
- b. In testing its performance.**
- c. To calculate the secondary current.
- d. To calculate the excitation reactance.

(5 Marks)

2) The CO-8 relay with a current tap setting of 6 amperes and a time-dial setting of 2 is used with a 100:5 current transformer. The relay operating time for a secondary current of 15 is



- a. 2.2 sec**
- b. 1.1 sec
- c. 0.4 sec
- d. None of the above

(5 Marks)