KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
ELECTRICAL ENGINEERING DEPARTMENT
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EE-306 (Sec.1)

Key Solution

Quize # 3   Serial #   Name: I.D.#

Circle the correct answer.

(1)   A 2300/230 V transformer has secondary side of 100 turns. How many turns in the primary side? (3 marks)

   a.   100-turns
   b.   230-turns
   c.   1000-turns
   d.   2300-turns

(2)   Transformer equivalent circuit parameter's R_c represents (3 marks)

   a.   Primary winding resistance
   b.   Secondary winding resistance
   c.   Core loss
   d.   Copper loss

(3)   A transformer has copper loss at full load = 1200 W. The copper loss at half load is (4 marks)

   a.   300-W
   b.   600-W
   c.   900-W
   d.   1200-W