KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
ELECTRICAL ENGINEERING DEPARTMENT
Dr. Ibrahim O. Habiballah
EE-306
Key Solution

Quiz 3   Sec.: 7   I.D.:   Ser#:   Name:

Q.1 The transformer core provides _____ for the magnetic flux.   (2-points)
   a. low reluctance path
   b. high reluctance path
   c. low inductive path
   d. high inductive path

Q.2 The rating for the capacity (size) of transformers are given as   (2-points)
   a. W.
   b. VAR.
   c. VA.
   d. V.

Q.3 The core loss of a transformer can be reduced by making its core deigned from laminated sheets of ferromagnetic materials.   (2-points)
   a. True.

   b. False.

Q.4 The voltage ratio of a non-idea transformer is obtained from   (2-points)
   a. primary terminal-voltage to secondary terminal-voltage.
   b. primary terminal-current to secondary terminal-current.
   c. primary induced-voltage to secondary induced-voltage.
   d. input power to output power.

Q.5 The voltage regulation of an idea transformer has the highest percentage if the load connected to its secondary side is inductive load.   (2-points)
   a.True.

   b. False.