

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
ELECTRICAL ENGINEERING DEPARTMENT

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Key Solution

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

A 5 kVA, 480/120 V transformer is connected as a step-down autotransformer.

1) The autotransformer ratings are

a- 6.25 kVA ; 600/480 V

b- 25 kVA ; 600/480 V

c- 25 kVA ; 600/120 V

d- 6 kVA ; 600/120 V

2) The amount of kVA transferred by conduction is

a- 1.25

b- 5

c- 20

d- 1