

KUIZ 6

NAMA :

Soalan : Kira faktor kepelbagaian berdasarkan beban yang diberikan. Masukkan jawapan yang betul pada ruang yang diberikan.

BIL	BEBAN	ARUS MAKSIMUM	FAKTOR KEPELBAGAIAN	ARUS ANGGARAN
1	4 X 65W KIPAS SILING	$I = \frac{4 \times 65W}{\sqrt{3} \times 415} = \frac{260}{610.98} = \dots\dots\dots$	66%	$\frac{66}{100} \times 0.43 = \dots\dots\dots$
2	6 X 40W LAMPU PENDAFLOUR	$I = \frac{6 \times 40W \times 1.8}{\sqrt{3} \times 415 \times 0.85} = \frac{432}{610.98} = \dots\dots\dots$	$\frac{66}{100} \times 0.71 = \dots\dots\dots$
3	7 X 40W LAMPU PIJAR	$I = \frac{7 \times 40W \times 1.8}{\sqrt{3} \times 415} = \frac{504}{610.98} = \dots\dots\dots$	66%	$\frac{66}{100} \times 0.7 = \dots\dots\dots$
4	2 X 2.5 HP PENGHAWA DINGIN	$I = \frac{2 \times 2.5 \times 746}{\sqrt{3} \times 415 \times 0.85} = \frac{746}{610.98} = 6.1 A$
JUMLAH		I =		I = 7.31 A

0.28 A

0.71 A

6

718.8

0.7 A

1.8

0.46 A

66%

0.43 A

0.47 A

746

7.94 A

100%

6.1 A

0.85

3730