

98521289

Comp. Sci.

98521253

21.5% ...

DATE: / /

SUBJECT:

BEGIN THE BEST QUALITY PAPER

Quiz 2

$M_1$	$M_2$	$M_3$	$M_4$
$10 \times 100$	$100 \times 20$	$20 \times 5$	$5 \times 30$

		1	2	3	4
1	$A_1$		$A_1 A_2$	$A_1 A_2 A_3$	$A_1 \dots A_4$
2			$A_2$	$A_2 A_3$	$A_2 \dots A_4$
3				$A_3$	$A_3 A_4$
4					$A_4$

$$A_1 A_2 A_3 A_4 =$$

$$A_1 A_2 = 10 \times 100 \times 20 = 20000$$

$$A_2 A_3 = 100 \times 20 \times 5 = 10000$$

$$A_3 A_4 = 20 \times 5 \times 30 = 3000$$

		1	2	3	4
1	0		20000	15000	$A_1 \dots A_4$
2			0	10000	$A_2 \dots A_4$
3				0	8000
4					0

 $M_1$  $M_2$ 

$$0 + 10000 + 10000 \times 5 = 15000$$

 $M_1$  $M_2$ 

$$20000 + 10000 \times 20 \times 5 = 20000$$

BEGIN

$$M_{234} = [M_2] [M_3 | M_4] \quad 0 + 8000 + 100 \times 20 \times 80 = 168000$$

$$[M_2 | M_3] [M_4] \quad 10000 + 0 + 100 \times 5 \times 80 = 50000$$

$$50000 < 168000$$

$$1, 2, 3, 4 \quad [M_1 | M_2] [M_3 | M_4] \quad 0 + 20000 + 8000 + 10 \times 20 \times 80$$

$$= 44000$$

$$[M_1] [M_2 | M_3 | M_4] \quad 0 + 5000 + 10 \times 100 \times 80 = 130000$$

$$[M_1 | M_2 | M_3] [M_4] \quad 15000 + 0 + 10 \times 5 \times 80 = 19000$$

$$19000 < 44000 < 130000$$

	1	2	3	4
1	0	20000	15000	19000
2		0	10000	50000
3			0	8000
4				0