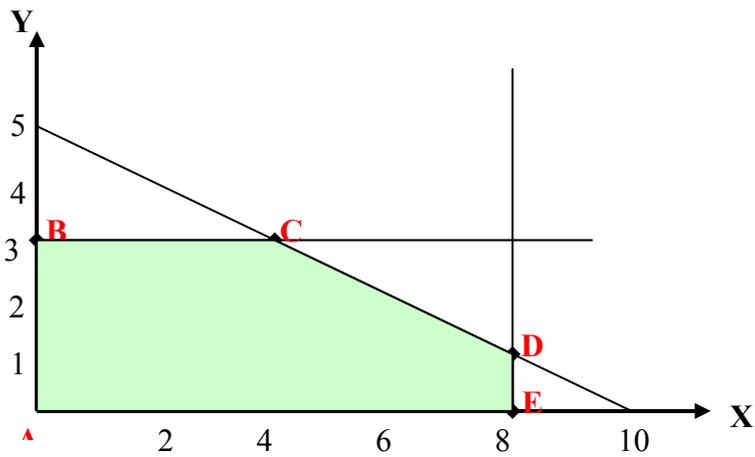


300 (A,B)  
 03 (B) 08 (A)  
 20 (A)  
 40 (B)  
 30 (A)  
 60 (B)  
 A X  
 B Y

- [MAX]  $Z = 20X + 40Y$  : ✓  
 $X \leq 8$ .....01 : (A) ✓  
 $30X + 60Y \leq 300$ .....02 : ✓  
 $Y \leq 3$ .....03 : (B) ✓  
 $X \geq 0$ .....04 : ✓  
 $Y \geq 0$ .....05 : ✓

: (02-02)



(A, B, C, D, E)

		B	A	
00	00	0	0	A
180	120	3	0	B
<b>300</b>	<b>200</b>	<b>3</b>	<b>4</b>	<b>C</b>
<b>300</b>	<b>200</b>	<b>1</b>	<b>8</b>	<b>D</b>
240	160	0	8	E

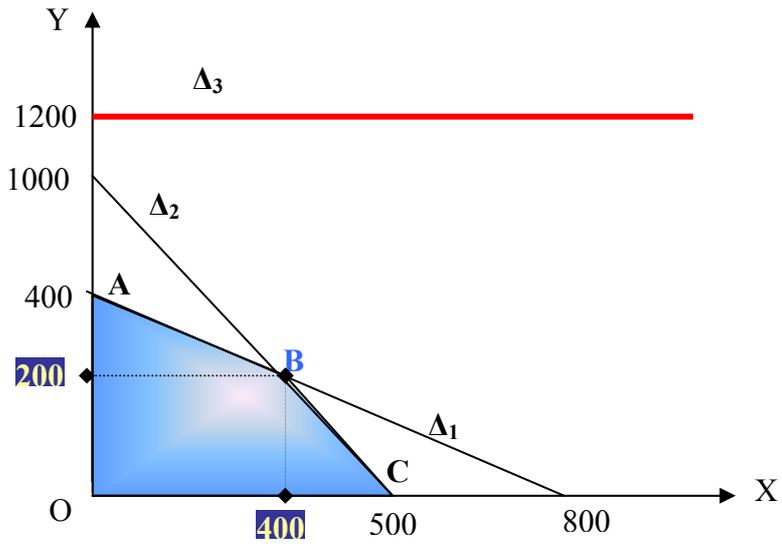
(A)  $Z^* = 200$       (B)  $Z^* = 200$       (C)  $Z^* = 200$       : \_\_\_\_\_  
 $Y = 3$        $X = 4$       :  
 (D)  $Z^* = 200$       (B)  $Z^* = 200$       (A)  $Z^* = 200$       : \_\_\_\_\_

$Y = 1$        $X = 8$       :  
 : -02

1200      (01)      : (03)  
 (B)

- [MAX]  $Z = 20X + 30 Y$   
 $3X + 6Y \leq 2400$ .....01  
 $2X + Y \leq 1000$ .....02  
 $Y \leq 1200$ .....03  
 $X \text{ et } Y \geq 0$ .....04

: (03 - 02)



- $\Delta_1, \Delta_2, \Delta_3$  -1
- $\Delta_2, \Delta_1$  -2
- $\Delta_3$  -3

(01 )

: -3

(A,B) ( ): (04)

100

120

1200

400

300

:

A,B

Y

A

X

:

:

. B

[MAX]  $Z = 120X + 100Y$  .....( )

$X + Y \leq 5$ .....

$40X + 30Y \geq 12$  .....

$X \geq 0$ .....

$Y \geq 0$ .....

:

03 - 02

