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歌号 零

題9 A权利至40, B:权利至100

技術j > A: &= Min { L/2 , K/4 } / B: 名= Min { 1/4 , K/2 }

假設フW=1、r=2

ANS: (A) TCA=生產成本+叔似成本

LTC = WL + + K

= 1 L + + k LTC=wL\*++ k\*

=1x29 + 2x42 = 109

LTC=WI\*+rK\*

=1×49+2×29 = 89 TCB=89+100+

TCA = 109 +40 #

(湖):

成本极小化模型

如何用L,k

→甘他不变变不,固定权量

(B) 9=20

TCA= 20×10+40=>40 → 故買A技術了

TCB = >0 x8 + 100 = 160

(C) 9=40

TCA= 40×10+40=440 + 故胃B技练了 TCB=40×8+100 = 420

(P) 气TCACTCB 則9<30

題!! 9=10L0x K0,5 且W=r=10

ANS: (A) 9=101 05 K 0.5 = 1 = 97/100 K

STC = 10 L \* + 10 K = ( 2 / 10 K) + 10 K

AC = (9/10k)+(10k/9), MC = (9/5k)

(B) ASTC - 91 +10=0=) K= 10 代入STC围权中

TC=STC(K=K\*)= 10x(Q/10) +10 9 = 2+ 9=29

题12 2=20, AC與AVC差10元, 產量40時, AC與AVC差多少?

SAC = SAFC + SAVC

ANS: 9:20, AC-AVC = AFC = 10 + FC = AFC x 9 = 10x >0 = 20

9=40, AC-AVC = AFC = FC/2 = 200/40 = 5