隨堂 7.

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Ans =

(A) $C = 10L + 10K$

(B) $MRTS_{Lk} = K/L$

(C). $L\uparrow$, $K\downarrow$ 時，$MRTS_{Lk}$ 下降，故等產量線凸向原點.

(D) $\begin{cases} \dfrac{K}{L} = \dfrac{10}{10} \\ 9 = 10L^{0.5}K^{0.5} \end{cases} \Rightarrow L^* = K^* = 0.19$.

(E) $TC = 29$, $AC = MC = 2$.

(F) $TC(10) = 2 \times 10 = 20$.