

經濟二 甲 A108260007 黃詩哲

NO:

DATE:

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

(B) $MRTS_{LK} = \frac{K}{L}$

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

(D)
$$\begin{cases} \frac{K}{L} = \frac{10}{10} \\ Q = 10L^{0.5}K^{0.5} \end{cases} \Rightarrow L^* = K^* = 0.18$$

(E) $TC = 28, AC = MC = 2$

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