

隨堂 7.

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

$$(D) \begin{cases} \frac{K}{L} = \frac{10}{10} \\ q = 10L^{0.5}K^{0.5} \end{cases} \Rightarrow L^* = K^* = 0.1q$$

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

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