隨堂11已失07章为公司由与生產函数篇 4=10℃0.5 K0.5,且N=1=10 TAI安长固定篇K。, 言此回答下列問題反 (A) 求沒直其月成本函數、變動成本函數及邊際成本函數 9=10L 0.5 K 0.5 STC= 10L *+10K = (93)+10K $\Rightarrow L^{0,5} = \frac{q}{10 \, k^{0,5}} \quad AC = \left(\frac{q}{10 \, k}\right) + \left(\frac{10 \, k}{q}\right)$ $\Rightarrow L^{0,5} = \frac{q}{10 \, k^{0,5}} \quad MC = \frac{q}{5 \, k}$ > L * q = (B)401可由(A)的答案及推為成本函数 $\frac{dSTC}{dK} = \frac{-q^2}{10K^2} + 10 = 0$ ラドの= つ、ハゼス57と回動中: $TC = STC(K=k_0) = \frac{q^2}{10 \times (\frac{q}{2})} + 10 \frac{q}{10} = q + q = 2q$ 請望12, 常產量為20單位時, AC與AVC的苦為10元の請用の當產量為40單位的, AC與AVC bo 差点多少? 9 = 20, AC-AVC = AFC = 10 FC = AFC x 9 = 10 x 20 = 200 9=40, AC-AVC = AFC = FC = 200 = 5 3直至13·已天0 密際成本函數為 MC=10g,且固定成本篇100元, 求產量為10單位下之 清息成本? VC(10)= 500 10 qdq = 5 q2 500 = 500 TC=VC+FC = 500+100=600 #