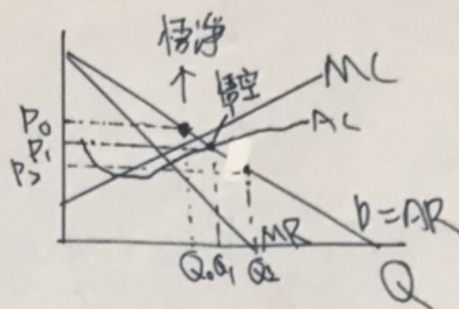


A107260056 經濟二 黃煒捷

隨一.

$$(1) \quad P = AC = D$$
$$P_1, Q_1$$



$$(2) \quad \text{Max } TR = MR = 0$$

$$(3) \quad \pi = TR(Q) - TC(Q)$$

$$\text{Max } \pi = MR(Q) - MC(Q) = 0 \rightarrow MR = MC$$

隨二. 設獨占廠商在均衡下, 價格是邊際成本的4倍, 求均衡時的需求彈性。

$$L = \frac{P - \frac{1}{4}P}{\frac{1}{4}P} = \frac{\frac{3}{4}P}{\frac{1}{4}P} = \frac{3}{1}$$

$$L = \frac{1}{|\epsilon|} \quad L \text{ 的倒數為需求彈性 故 } \epsilon = \frac{1}{3}$$