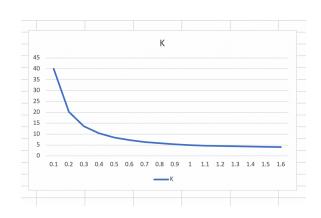
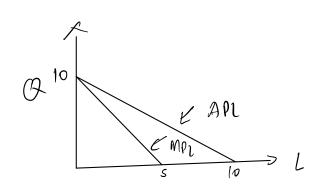
Le Van Minh 01 Jan San Xuin diminishing MRSF,P (P) K $MRS_{L,K} = \frac{1}{3}$

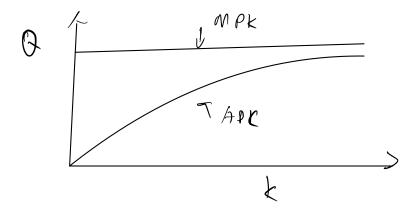
 \mathbb{Q}_{λ} .



a) KL-124

The uneconomic region of production occus where L>2





(d) $Q = \sqrt{KL} \Rightarrow const r.o.c$ $Q = KL \Rightarrow icr r.o.c$

$$VC(Q) = 35,000 - 80,000 = 5000$$

$$AV(CQ) = \frac{VC}{Q} = \frac{5,000}{2}$$

$$\oint Q = S, \quad Afc(Q) = \frac{Fc}{Q}$$

$$= \frac{30000}{S}$$

$$= 6000$$

Q5. (a) Q = L+K 3= L+2 __1 SRTC= 1-+2K = 1 + 2·2 = 5 SRTC (Q)= 1+2K = (Q - K) + 2K= Q + K (b) Q= min{L, K} 1= min {L, 2} => L = 1 SRTC = L+2K = 5

- We have:

$$= 25\left(\frac{\alpha^2}{25}\right) + 20.5$$

b) SRATC (Q) =
$$\frac{SRTC}{Q}$$

$$= \frac{(00+Q^2)}{Q}$$

$$A VC(Q) = \frac{Vc}{Q} = \frac{Q^2}{Q} = Q$$

$$A f'(Q) = \frac{FC}{Q} = \frac{100}{Q}$$

$$-\frac{100}{2} + 1 = 0$$

$$Q^{2} = 100$$

$$Q = 10$$

AT
$$Q=0$$
, -

SRA $TC = SRMC = 20$

