1. Q=f1L,K)=LdKB, dB>0 J) APL = Q = LdKB = Ld-1 KB APM = $\frac{Q}{M} = \frac{L^{d}K^{\beta}}{M} = L^{d}K^{\beta-1}$ APM = $\frac{dQ}{dL} = dL^{d-1}K^{\beta}$ APM = $\frac{dQ}{dL} = \frac{dL^{d-1}}{dL} = \frac{dL^{d-1}}{MPK} = \frac{dL^{d-1}}{BL^{d-1}}$ MRTS = - dK = MPL = dLdt KB = dK (b) $\varepsilon^{\perp} = \frac{d\Omega}{\Omega} = \frac{d\Omega}{dL} = \frac{dR}{ARL} = \frac{dL^{d+1}K^{B}}{L^{d+1}K^{B}} = d$ $E^{K} = \frac{dQ}{QK} = \frac{dQ}{dK} = \frac{dQ}{dK} = \frac{MP_{K}}{AP_{K}} = \frac{BL^{d}K^{\beta-1}}{L^{d}K^{\beta-1}} = B$ (8) $E^{\beta} = \frac{dQ}{QK} = \frac{dQ}{JK} = \frac{dQ}{APK} = \frac{BL^{d}K^{B-1}}{L^{d}K^{B-1}} = B$ (9) ELK = EL + EK = d + B

Subject :	Date:
2. 設生產函數Q=	
K: 資本 L:	勞動 Q:產出
少函數至現固定	規模報酬-レ
當L.K增加	n倍, nl和nk,生產函數
為 F、nL, nK):	= zinl)+3inK)
	= nizl+3K = nQ
故至现固定典	模報酬
-Z-) X	
, ,	2, MPK = dQ = 3
資本. 等動 b.	1 墨隆生產力 肯固定
双無島際	生產力遞減

以及你替代率成固定值。