

week 7

LBD - T<sub>1</sub>

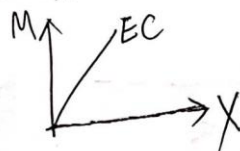
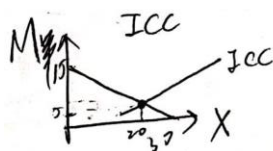
$$U = X^2 Y$$

$$300 = 10X + 20Y$$

$$\frac{MU_X}{P_X} = \frac{MU_Y}{P_Y}$$

$$\Rightarrow \begin{cases} X = 20 \\ Y = 5 \end{cases}$$

恩格尔曲线:  $M = 20X$



需求曲线:  $P_X$

$$X = \frac{150}{P_X}$$



∴ X 为正常财