

第12题 A20726000 经济地理

$$L \quad ① \frac{P_X}{P_Y} = \frac{2XY}{X^2} = \frac{10}{20} \Rightarrow X = 4Y$$

$$② Y = \frac{1}{4}X \\ \Rightarrow X = \frac{11}{13}$$

$$③ \frac{2Y}{X} = \frac{P_X}{20} \Rightarrow Y = \frac{P_X}{40}X$$

$$\Rightarrow 300 = P_X X + 20 \left[ \frac{P_X}{40} X \right] \Rightarrow X = \frac{300}{P_X}$$

④ 由所得消费曲线与恩格尔曲线知X为正常品。故