

問答題，可用中文回答。

1. Explain whether the following statements are true or false: (20 分)
 - a. The marginal rate of substitution diminishes as an individual moves downward along the demand curve.
 - b. The level of utility increases as an individual moves downward along the demand curve.
 - c. The elasticity of demand is the same as the slope of the demand curve.
 - d. The supply of apartments is more inelastic in the short run than the long run.

2. Suppose that a competitive firm's marginal cost of producing output q is given by $MC(q) = 3+2q$. Assume that the market price of the firm's product is 9. (15 分)
 - a. What level of output will the firm produce?
 - b. What is the firm's producer surplus?
 - c. Suppose that the average variable cost of the firm is given by $AVC(q) = 3+q$. Suppose that the firm's fixed costs are known to be 3. Will the firm be earning a positive, negative, or zero profit in the short run?

3. Two firms are in the chocolate market. Each can choose to go for the high end of the market (high quality) or the low end (low quality). Resulting profits are given by the following payoff matrix: (15 分)

		Firm 2	
		Low	High
Firm 1	Low	-20, -30	900, 600
	High	100, 800	50, 50

Note that the first number in each cell is the payoff to Firm 1 and the second is the payoff to Firm 2.

- a. What outcomes, if any, are Nash equilibria?
- b. What is the cooperative outcome that maximizes joint payoffs?
- c. Which firm benefits most from the cooperative outcome? How much would that firm need to offer the other to persuade it to collude?

見背面

4. “For decades, governments across the world have operated on the assumption that globalization is an unstoppable force. Whatever their ideological disagreements, countries as diverse as the US and China, Russia and Britain, embraced similar policies, based around expanding global trade and investment flows. But the increasing rivalry between the US and China, allied to the outbreak of a global trade war, has put this process into reverse. The buzzword of the day is no longer globalization but “decoupling.” (2019/12/23)
- (a) What is the meaning of “decoupling”? (15 分)
- (b) How decoupling became the new buzzword supplanting globalization? (10 分)
5. “Since President Trump tweeted about imposing new tariffs on China, global equity markets have gone into a tailspin. Trump’s more recent announcement that the new tariffs would be delayed has not calmed the markets, with recent days seeing very large falls in most major stock markets. Another factor particularly spooking the markets in recent days has been the “inversion of the yield curve” in the United States.” (2019/8/16)
- (a) Please draw a hypothetical inverted yield curve. (15 分)
- (b) Why is it panicking financial markets most of the time? (10 分)

試題隨卷繳回