

臺中健康暨管理學院九十一學年度碩士班暨碩士在職專班招生考試試題紙

系 所 別	組 別	考試科目	考試日期	時 間	備 註
健康管理研究所碩士班	丙	經濟學	4月7日	10:30 ~ 12:10	

**Section A: choose 7 questions to answer from the following ten questions (35%)**

Use the following to answer question 1:

Mexico and OPEC both produce crude oil. Realizing that it would be in their best interest to form an agreement on production goals, a meeting is arranged and an informal, verbal agreement is reached. If both Mexico and OPEC stick to the agreement OPEC will earn profits of \$200 million and Mexico will earn profits of \$100 million. If both Mexico and OPEC cheat then OPEC will earn \$175 million and Mexico will earn \$80 million. If only OPEC cheats, then OPEC earns \$185 million and Mexico \$60 million. If only Mexico cheats, then Mexico earns \$110 million and OPEC \$150 million.

		OPEC	
		Cheat	Abide
Mexico	Cheat		
	Abide		

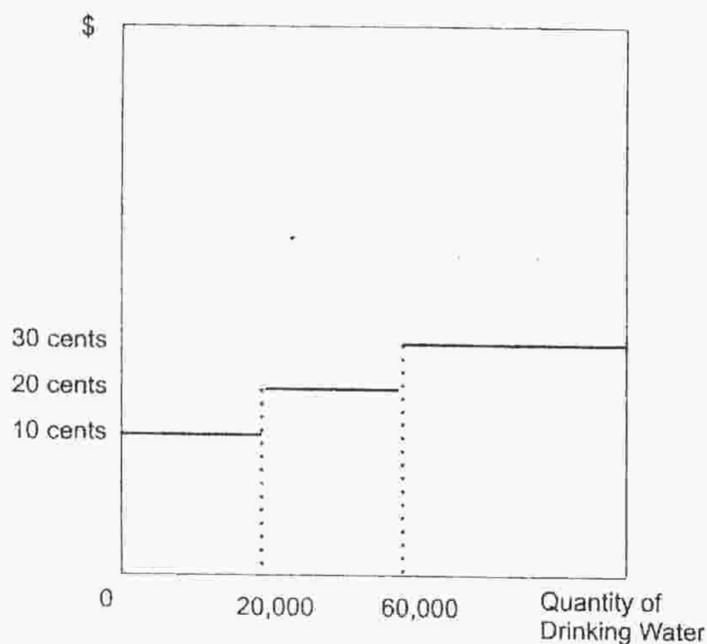
- The strategies in this game are
  - to increase output.
  - to cheat.
  - to stick to the agreement.
  - to either stick to the agreement or cheat.
  - to stick to the agreement and cheat.
- In which of the following markets is the presence of asymmetric information of little concern to the buyer?
  - The market for used books.
  - The market for used musical instruments.
  - The market for used computers.
  - The market for used motorcycles.
  - The market for used cars.
- Under a progressive consumption tax, an extra dollar of savings
  - reduces taxable consumption by less than one dollar.
  - reduces taxes by one dollar.
  - reduces taxable consumption by one dollar.
  - reduces taxes by more than one dollar.
  - has no impact on the amount of taxes paid.
- Which of the following would be an example of the rationing function of price?
  - Switching from a Ph.D. in economics to finance because finance salaries are higher.
  - Bill Gates purchasing the Mona Lisa for \$5 billion.
  - A firm attempting to lower its explicit costs.
  - Government price controls.
  - Choosing to skip class and hang out.
- Which of the following is not an example of a positional arms control agreement?
  - Speed limits on the Interstate.
  - A ban on beauty contestants with cosmetic surgery.
  - School dress codes that ban baggy pants.
  - Major league baseball's regulation of the size and construction of baseballs.
  - A proposal to limit the number of violent acts depicted on TV during prime time.

臺中健康暨管理學院九十一學年度碩士班暨碩士在職專班招生考試試題紙

系 所 別	組 別	考試科目	考試日期	時 間	備 註
健康管理研究所碩士班	丙	經濟學	4月7日	10:30 ~ 12:10	

6. Suppose that welders working offshore oil rigs earn 25% more than welders working land based oil rigs. The difference in earnings is best explained by
- differences in education.
  - differences in training.
  - differences in working conditions.
  - differences in abilities.
  - discrimination.
7. Economic profits are
- the same as accounting profits.
  - equal to total revenue minus the sum of fixed and variable costs.
  - equal to total revenue minus both explicit and implicit costs.
  - greater than accounting profits.
  - only important to economists.

Use the following to answer question 8:  
Figure 14.3



8. Suppose the marginal cost of supplying drinking water by a city owned waterworks is illustrated in the figure. If the city sets price equal to marginal costs and expects demand of 45,000 gallons, it should charge a price of
- 10 cents.
  - 15 cents.
  - 20 cents.
  - 10 cents for the first 20,000 gallons and the 20 cents thereafter.
  - 30 cents.
9. For firms that use crude oil as an input, an increase in the price of crude oil will cause the firm's
- supply curve to shift left.
  - quantity supplied to increase.
  - supply curve to shift right.
  - quantity supplied to decrease.
  - output price to rise.

臺中健康暨管理學院九十一學年度碩士班暨碩士在職專班招生考試試題紙

系 所 別	組 別	考試科目	考試日期	時 間	備 註
健康管理研究所碩士班	丙	經濟學	4月7日	10:30 ~ 12:10	

Use the following to answer question 10:

Susan is a labor market monopsonist. The labor supply curve she faces is given below.

Labor Supply	Wage
1	\$5.00
2	\$5.50
3	\$6.00
4	\$6.50
5	\$7.00

10. If Susan hires the fifth worker, the wage rate is \_\_\_\_\_ and her labor costs rise by \_\_\_\_\_.
- A) \$9; \$7.  
 B) \$11; \$11.  
 C) \$7; \$7.  
 D) \$7; \$8.  
 E) \$7; \$9.

**Section B: Answer this essay question creatively and precisely. (30%)**

First, please write a story with your personal observations and experiences (or a social problem), then try to apply game theory you have learned to analyze the story.

**Section C: choose 5 questions to answer from the following question bank (35%)**

- Long-lived goods used to produce other goods and services are called:
  - financial capital.
  - human capital.
  - physical capital.
  - intermediate goods.
  - inventories.
- An economy produces only 500,000 tables valued at \$100 each. Of these 100,000 are sold to consumers, 200,000 are sold to businesses, 100,000 are sold to the government, and 50,000 are sold abroad. No tables are imported. The unsold tables at the end of the year are held in inventory by the table manufacturers. What is value of the investment component of GDP?
  - \$2 billion
  - \$10 million
  - \$20 million
  - \$25 million
  - \$50 million
- If the principal amount of a bond is \$2,000,000, the coupon rate is 6%, and the inflation rate is 4%, then the annual coupon payment made to the holder of the bond is \_\_\_\_\_.
  - \$12,000
  - \$40,000
  - \$80,000
  - \$120,000
  - \$200,000

臺中健康暨管理學院九十一學年度碩士班暨碩士在職專班招生考試試題紙

系 所 別	組 別	考試科目	考試日期	時 間	備 註
健康管理研究所碩士班	丙	經濟學	4月7日	10:30 ~ 12:10	

4. The marginal product of new capital depends on \_\_\_\_\_ and \_\_\_\_\_.
- productivity of capital; relative price of the firm's output
  - price of new capital goods; real interest rate
  - relative price of the firm's output; real interest rate
  - taxes levied on the revenue generated; price of new capital goods
  - productivity of new capital; real interest rate
5. If, in a given period, the rate of inflation turns out to be lower than lenders and borrowers anticipated, the effect is:
- the real payments by the borrowers will be lower than expected.
  - the nominal income of lenders will be higher than expected, but their real income will be lower than expected.
  - the nominal income of the lenders will be as expected, but their real income will be higher than expected.
  - both the nominal and real income of lenders will be higher than expected.
  - the real income of lenders will be higher than expected, but their nominal income will be lower than expected.
7. The workings of the free market ensure that goods will be produced where the opportunity cost is the \_\_\_\_\_ and traded to countries that \_\_\_\_\_ have a comparative advantage in the good.
- highest; do
  - highest; do not
  - highest; may or may not
  - lowest; do
  - lowest; do not
8. As a result of a war in the country of Omega refugees flee to the country of Alpha to seek employment. Holding other factors constant, the influx of refugees will \_\_\_\_\_ the real wage in Alpha and \_\_\_\_\_ employment in Alpha.
- increase; increase
  - increase; decrease
  - decrease; decrease
  - decrease; increase
  - decrease; not change