亞洲大學
96 學年度碩士班入學招生考試試題紙

學系別	考試科目	考試日期	時　間
健康暨醫務管理學系(健康管理組) 健康暨醫務管理學系(長期照護組) 國際企業學系、財務金融學系 休閒與遊憩管理學系	經濟學	96.4.21	13:30-15:10

(一) 單選題 (每題 3 分、共 60 分)

1. If the demand schedule p=200-8q, and the supply schedule p=100+2q then the equilibrium price and quantity are:
   A) p=100, q=20
   B) p=120, q=10
   C) p=110, q=10
   D) p=100, q=15

2. In the IS-LM model, the demand for money, or real money balances, is assumed to depend upon the interest rate and
   A) money supply
   B) stock price
   C) real GNP
   D) government spending

3. If the production function is $y=L^{0.5}+K^{0.5}$ where K=400 is the capital input and L=100 is the labor input, then the MRTSLK is
   A) 2
   B) 0.5
   C) 1. 5
   D) 2.5

4. In the economy with no international sector and no taxes, the multiplier equals
   A) (1-MPC)/MPC
   B) 1/(MPC-1)
   C) MPC/(MPC-1)
   D) 1/(1-MPC)

5. The difference between an oligopolistic and a monopoly industry is
   A) the barriers to entry tend to be somewhat lower in oligopolistic industries
   B) oligopolistic firms always produces a homogeneous product

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  C) oligopolistic firms face horizontal demand curves for their products

  D) monopoly firms are price takers while oligopolistic firms are price searchers

6. When the person who left his job to look for another job would be classified as

 A) structurally unemployed

 B) frictionally unemployed

 C) mismatch unemployed

 D) cyclically unemployed

7. Minimum wage laws can be expected to reduce employment

 A) only if unscrupulous employers exploit the monopoly power that the laws provide to them

 B) when the specified minimum wage is greater than the equilibrium wage

 C) when the specified minimum wage is smaller than the equilibrium wage

 D) when the specified minimum wage is equal to the equilibrium wage

8. If the permanent income is calculated as $y_t^p = 0.6y_t + 0.4y_{t-1}$, where y_t is current income, y_{t-1} is lagged income, and consumption is given by $C = 0.7 y_t^p$, then the short-run MPC is

 A) 0.6

 B) 0.7

 C) 0.28

 D) 0.42

9. The production of paper creates pollution. If this externality is not internalized, the quantity of paper produced is _____ the social optimum.

 A) less then

 B) equal to

 C) greater then

 D) unrelated to

10. The short-run Phillips curve shows the relationship between inflation rates and unemployment rates is

 A) positive

 B) unrelated

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  C) negative

  D) none of the above

11. The allocation of land and food between Jack and Rose is currently on the contract curve. Any reallocation

  A) makes one, and only one of them better off

  B) makes both of them worse off

  C) makes both of them better off

  D) none of the above

12. Which of following items is Monopolistic competition features

  A) easy entry and exit

  B) long term profits greater then zero

  C) only one seller

  D) none of the above

13. When economic growth, it can be portrayed as a

  A) movement form one point to another point on a production possibilities curve

  B) rightward shift of the production possibilities curve

  C) movement form one point to another point inside a production possibilities curve

  D) leftward shift of the production possibilities curve

14. If the supply curve is $q=p/4$ and produces 8 units of output, then total variable cost is

  A) 168

  B) 198

  C) 258

  D) 288

15. When the interest rates rise, it will causes

  A) a fall in velocity

  B) people to demand more money

  C) a decrease in the growth rate of the money supply

  D) an increase in velocity

16. If price equal to the minimum point on the AVC curve, the best a

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competitive firm can do is to

A) shut down and take a loss equal to its total fixed cost

B) shut down and take a loss equal to its total variable cost

C) keep producing and a loss equal to its total fixed cost

D) keep producing and a loss equal to its total variable cost

17. Jack deposits $500 in currency in the bank. Later that same day Rose negotiates a loan for $1500 at the same bank. In what direction and by what amount has the supply of money changed?

A) decreased by $500

B) decreased by $1000

C) increased by $1000

D) increased by $500

18. Rose is training to become a chef. The skills she is obtaining from her training and education will increase what type of resource?

A) physical capital

B) entrepreneurship

C) land

D) human capital

19. Which school thought believes the self-correcting mechanism works slowly?

A) Monetarist

B) Rational expectations

C) Keynesian and monetarist only

D) Keynesian

20. According to the theory of rational expectations

A) the inflation rate will increased in the short run

B) workers will not make errors in forecasting inflation

C) the inflation rate will not change in the short run

D) none of the above

(二) 假設獨占者所面臨的需求函數與平均成本函數分別為：

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$P=30-0.6Q$ ， $AC = 20/Q +2 +0.1Q$

(1) 當政府向獨占者課徵 15 元的定額稅時, 促使獨占者之利潤達成最大化的產量為何?(10%)

(2)當政府向獨占者課徵18.2元的定額稅時, 促使獨占者之利潤達成最大化的產量為何?(10%)

(三) 假設孤島的各部門支出如下 (20%)

$C=50+0.6(Y-T)$, $T=25$, $I=43$, $G=43$, $NX=10-0.1Y$,其中, C 表示消費, Y 表示所得, T 表示稅收, I 表示投資支出, G 表示政府支出, NX 表示淨出口。

(a)試求均衡 GDP 為何?(7%)

(b)投資支出乘數為何?(6%)

(c)定額稅乘數為何? (7%)

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