Admission Test 2010

ENGLISH SECTION (TOTAL POINTS 100)   **STUDENT NAME** _____

SELECT THE BEST ANSWER (12 POINTS)

1. Her political opinions are _____ to mine.
   A. identical
   B. same
   C. exactly

2. The management must not _____ between male and female applicants.
   A. differ
   B. discriminate
   C. contract

3. My friends and I enjoy doing many of the same things. In that respect, we have a lot _____.
   A. In similar
   B. In common
   C. In particular

4. _____ what he says I don't believe any of the excuses he offers.
   A. As a matter of fact
   B. Regardless of
   C. As for

5. People often do things without considering the _____ their actions.
   A. consequences of
   B. reason for
   C. effects of

6. The government raised the income tax rate _____ the rapidly rising rate of inflation.
   A. since
   B. due to
   C. with the aim of

7. That math exam was incredibly difficult. It took me ages to _____ some of the answers.
   A. put out
   B. work out
   C. find out

8. Would you please change dollars _____ euros for me.
   A. by
   B. with
   C. into

9. Do you have any idea when the symphony concert is scheduled to _____?
   A. take part in
   B. take place
   C. take out

10. Alex is such a nice guy that it's easy to _____ him.
    A. rid of
    B. get along with
    C. get to

11. Alice needs to talk to Steve right away. Do you know how to _____ him?
    A. get in touch with
    B. get over
    C. get off

12. Andy was surprised when he received the bill for his hospital stay. It _____ almost one thousand dollars.
    A. came from
    B. came to
    C. crossed out

READ THE PARAGRAPH BELOW. PUT THE VERBS IN PARENTHESES INTO THE CORRECT TENSE (5 POINTS).

I **(1)** _____ (*drive*) to the city centre last month when I **(2)**_____ (*see*) Brad, an old friend from college. I **(3)** _____ (*know*) him quite well, but we lost touch with each other when I **(4)** _____ (*ask*) to move to Ohio by my company a few years ago. I **(5)** _____ (*see*) him for ages so I **(6)** _____ (*get out*) of the car. 'How long **(7)** _____ (*live*) in Ohio, Colin?' I asked him. 'I **(8)** _____ (*just move*) here' he replied. 'I **(9)** _____ (*work*) in the film industry and we **(10)** _____ (*shoot*) part of a new movie here in Ohio.'

CHOOSE THE APPROPRIATE EXPRESSION TO SUBSTITUTE THE UNDERLINED WORD OR WORDS (4 POINTS)

1. At the last moment Anna altered her decision about getting married so quickly.
    A. changed her mind
    B. made up her mind
    C. never mind

2. Aharon had the habit to drink a lot of beer until he decided to lose weight.
    A. is used
    B. used to
    C. gave up

3. I think that you should remove the last two sentences from the paragraph.
    A. take out
    B. pick out
    C. talk over

4. How are you succeeding in your new job?
    A. picking out
    B. making a difference to
    C. getting on with

Understanding Economics Terminology (4 points)
Select the best answer.
1. The price where the quantity supplied by firms equals the quantity demanded by households is:
    A. demand based price
    B. equilibrium price
    C. supply based price

2. If there is a decrease in the quantity that the firm is willing and able to supply at each price, then the supply curve will shift to the
    A. left

B. right

C. will not shift

3. The only one producer who can determine the market price on its own has the power of:
    A. Oligopoly
    B. Pure monopoly
    C. Pure competition

4. Expenditure by households on goods and services which satisfy current needs is:
    A. everyday expense
    B. consumption function
    C. consumption

SELECT THE BEST ANSWER TO COMPLETE THE SENTENCES. (12 POINTS)

1. From 1949 onward, the artist Georgia O'Keeffe made New Mexico _____.
    A. her permanent residence was
    B. where her permanent residence
    C. permanent residence for her
    D. her permanent residence

2. Just as remote-controlled satellites can be employed to explore outer space, _____employed to investigate the deep sea.

    A. can be robots
    B. robots can be
    C. can robots
    D. can robots that are

3. Stars shine because of _____ produced by the nuclear reactions taking place within them.
    A. the amount of light and heat is
    B. which the amount of light and heat
    C. the amount of light and heat that it is
    D. the amount of light and heat

4. Although many people use the word "milk" to refer cow's milk, _____ to milk from any animal, including human milk and goat's milk.
    A. applying it also
    B. applies also
    C. it also applies
    D. but it also applies

5. The first transatlantic telephone cable system was not established _____ 1956.
    A. while
    B. until
    C. on
    D. when

6. _____ no two people think exactly alike, there will always be disagreement, but disagreement should not always be avoided; it can be healthy if handled creatively.
    A. There are
    B. Why
    C. That
    D. Because

7. Drinking water _____ excessive amounts of fluorides may leave a stained or mottled effect on the enamel of teeth.
    A. contained
    B. in which containing
    C. contains
    D. that contain

8. In the 1820's physical education became _____ of the curriculum of Harvard and Yale Universities.
    A. to be part
    B. which was part
    C. was part
    D. part

9. A moth possesses two pairs of wings _____as a single pair and are covered with dustlike scales.
    A. function
    B. are functioning
    C. that function
    D. but functions

10. Soap operas, a type of television drama series, are so called because at first, they were _____.
    A. often which soap manufacturers sponsored
    B. sponsored often soap manufacturers
    C. often sponsored by soap manufacturers
    D. soap manufacturers often sponsored them

11. The Woolworth Building in New York was the highest in America when _____ in 1943 and was famous for its use of Gothic decorative detail.
    A. built
    B. it built
    C. was built
    D. built it

12. Humans, _____, interact through communicative behavior by means of signs or symbols used conventionally.
    A. like other animals
    B. how other animals
    C. other animals that
    D. do other animals

SELECT THE BEST ANSWER TO COMPLETE THE SENTENCES. (12 POINTS)

13. The majority of the investors at the shareholders' meeting _____ .
    A. urged the resignation of the chairman of the board
    B. urged resigning of the chairman of the board
    C. urges the chairman of the board resigning
    D. urged at the resignation of the chairman of the board

14. Pollution and degradation of the environment _____.
    A. is a matter of universal concern.
    B. is matters of universal concern.
    C. are universally a matter of concern.
    D. are a matter of universal concern.

15. The instructor requires _____ before the end of the semester.
    A. that these forms should be submitted

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B. that these forms be submitted
C. for these forms to be submitted
D. these forms submission

16. The University faculty discussed _____ to decline when the senior lecturer retired.
    A. whether the number of students studying foreign languages was likely
    B. whether the number of students studying foreign languages were likely
    C. if the students studying foreign languages were likely
    D. if the number of foreign language students were likely

17. In the agricultural sector _____ recent graduates to get started on our careers.
    A. there are no jobs for those without experience, which makes it difficult for we
    B. there are no jobs for those without experience, a fact that makes it difficult for us
    C. there are no jobs for those with experience, which is difficult for us
    D. there are no jobs for those with experience, a fact which makes it difficult for we

18. One way of emphasizing what one says in a conversation, _____, is to use open hand gestures
    A. if the intent is strongly suggest that what has being said is the truth
    B. if the intent is to strongly suggest that what has said is the truth
    C. if the intent is to strongly suggesting that what is being said is the truth
    D. if the intent is to strongly suggest that what is being said is the truth

READ THE TEXT BELOW. CHOOSE THE WORD FROM THE BOX THAT BEST FITS EACH SPACE. USE EACH WORD ONLY ONCE. (8 POINTS)

put	break	pulled	take	shouted	jumped	disappoint	fell

The only time I **(1)** _____ off a bridge was on my 18th birthday. I was the last person to go and the adrenaline was flowing. As I **(2)** _____ through the air, I remember thinking, 'This is it! I'm going to die! In a few seconds I'm going to **(3)** _____ every bone in my body!' I was absolutely terrified. 'Sorry Mum!' I **(4)** _____. My body rushed towards the ground at greater and greater speed when suddenly the cord that was attached to my legs **(5)** _____ me back. That was my first and last bungee jump. I realized that day that I didn't want to **(6)** _____ part in any activity that would **(7)** _____ my life seriously at risk. I don't have what it takes. I was only there because I didn't want to **(8)** _____ my friends. Normal day-to-day life is exciting enough for me. And it's so much safer.

CHOOSE THE CORRECT SENTENCE (10 POINTS)

1. _____.
    A. Underestimating its value, breakfast is a meal many people skip.
    B. Breakfast is skipped by many people because of their underestimating its value.
    C. Many people, underestimating the value of breakfast, and skipping it.
    D. Many people skip breakfast because they underestimate its value

2. _____.
    A. The problem of antibiotic resistance, frequently compounded in certain countries because the sale and use of antibiotics are not tightly controlled.
    B. The problem of antibiotic resistance, frequently compounded in certain countries and the sale and use of antibiotics are not tightly controlled.

C. The problem of antibiotic resistance is frequently compounded in certain countries where the sale and use of antibiotics are not tightly controlled.

D. The problem of antibiotic resistance, frequently compounded in certain countries when the sale and use of antibiotics are not tightly controlled.

3. _____ .

A. I don't know whether or not I should hand in my resignation.

B. I don't know weather I should hand in my resignation or not.

C. I don't know whether or not I should hand on my resignation.

D. Weather or not I should hand in my resignation, I don't know.

4. _____ .

A. I wish I'd had more time to think through it before I signed.

B. I wish I'd had more time to think through it before I sign.

C. I wish I'd had more time to think it through before I signed.

D. I wish I'd had more time to think it through before I sign.

5. _____ .

A. The truth is that my life is orderly and I get done a lot of things in the course of a day.

B. The truth is that my life is orderly and I get a lot of things done in the course of a day.

C. The truth is that my life is orderly and I get to doing a lot of things in the course of a day.

D. The truth is that my life is orderly and I get a lot of things to be done in the course of a day.

THERE ARE THREE UNDERLINED WORDS IN THE SENTENCE. (14 POINTS)
SELECT THE ONE WHICH IS WRONG.

1. After hours of unsuccessful debate, the committee has decided to postpone (A) further discussion of the resolution (B) until their (C) next meeting.

A. to postpone   C. their
B. of the resolution   D. no error

2. At the concert, Alexandra enjoyed listening (A) to her friend Hamlet's insightful interpretation, which she thought was more sophisticated (B) than the other performers (C).

A. enjoyed listening   C. than the other performers
B. more sophisticated   D. no error

3. They are (A) to build a new airport, but it was (B) so difficult to get the investment that the plan fell (C) through.

A. were   C. fell
B. it was   D. no error

4. Not only had he (A) had to put up (B) with criticism from the press, but his colleagues have been complaining (C) about him as well.

A. had he   C. complaining
B. up   D. no error

5. If I have known (A) they weren't (B) coming, I could have (C) cancelled the reservation.

A. have known   C. have
B. weren't   D. no error

6. No sooner had (A) we bought the house then (B) property prices started (C) falling

A. had   C. started
B. then   D. no error

7. Not <u>knowing</u> (A) that we <u>had</u> (B) already discussed it, several members <u>brought in</u> (C) the issues of annual fees.

A. knowing   C. brought in
B. had   D. no error

READING COMPREHENSION (10 POINTS)

A major revolution for the automated office is electronic mail. The customary postal system requires messages written on paper to be transmitted physically from one location to another. With electronic mail, messages are converted into electronic signals, transmitted anywhere in the world, and then changed back into the original written form, all in several seconds or minutes at most.

Through the use of video screens in company offices, a single document can be transmitted to hundreds of people in dozens of branch offices at the same time. Thus, electronic mail, along with databases, can be an important asset in teleconferences. Furthermore, the use of electronic mail in the form of a "mailbox" attached to a telephone is also of great value. Since in offices many telephone calls go uncompleted on the first attempt, with electronic mail, two-way conversion is not essential, so it reduces telephone use and saves time.

Electronic mail is far more expensive than the postal system, as it must compete for transmission space on satellite, telephone, and cable links. But planned increases in satellite communications should lower the price and assist in the spread of electronic mail.

1. It can be inferred from the passage that the advantages of electronic mail are
   A. its low cost and efficiency
   B. its use of the postal system and telephone "mailboxes"
   C. its role in satellite communications and teleconferencing
   D. its speed and utility

2. The passage implies that electronic mail
   A. will be used more often in the future
   B. will soon outlive its usefulness
   C. is too costly for most offices
   D. could never take the place of the current postal system

3. Which of the following can be inferred from the passage?
   A. Electronic mail saves money but not time
   B. Electronic mail has more than one use in the office setting.
   C. Electronic mail will eventually replace telephone
   D. Electronic mail is not a new phenomenon.

WRITE AN ESSAY (AT LEAST HALF PAGE) (10 POINTS)

If you could improve one area in Armenian agribusiness what will it be? Give reasons and examples.

1. **What is (are) the main element(s) of the government budget? CIRCLE ALL THAT APPLY (5 points).**
    A. Tax revenues
    B. Transfer payments
    C. Individual income
    D. Consumer expenditure

2. **What do you think will happen to the price of ice-cream when the supply of ice-cream becomes limited? CIRCLE ALL THAT APPLY (5 points)**
    A. Price will decrease
    B. Price will increase
    C. Price will stay the same
    D. The effect is unclear

3. **Sam buys 10 apples for $1. At what price should he sell 12 apples if he wishes to make a profit of 25%? SHOW YOUR CALCULATIONS (10 points)**
    A. $1.25
    B. $0.25
    C. $1.5
    D. $1.8

4. **When there are infinitely many firms in the electronics industry, how will one electronic firm's action affect that industry? CIRCLE ALL THAT APPLY (5 points)**
    A. The price charged for electronics products will significantly increase if the firm exits the industry.
    B. The impact in general will be very large and significant
    C. The impact will almost be none or very insignificant
    D. None of the above is true

5. **Draw inelastic and elastic demand curves and explain what it means to have elastic and inelastic demand. EXPLAIN AND MAKE SURE YOU LABEL THEM (15 points)**

6. **What are the two factors that determine total revenue? CIRCLE ONE THAT APPLLY (5 points)**
    A. Inputs and Price
    B. Inputs and Quantity
    C. Price and Quantity
    D. Employees and Price

7. **An expansionary monetary policy has the effect of a/an _____ in the interest rate of the economy. CIRCLE ONE THAT APPLLY (5 points)**
    A. Reduction
    B. Increase
    C. Acceleration

D. Expansionary monetary policy does not affect the interest rate

8. **Anna invested a certain sum of money in a bank that paid simple interest. The amount grew to $240 at the end of 2 years. She waited for another 3 years and got a final amount of $300. What was the principal amount that she invested at the beginning? SHOW YOUR CALCULATIONS (10 points)**
   A. $200
   B. $150
   C. $210
   D. Insufficient data

9. **An increase in government spending helps to raise aggregate demand because of the _____ which stimulates the economy. CIRCLE ALL THAT APPLLY (5 points)**
   A. Multiplier effect
   B. Inflation effect
   C. Income effect
   D. Financial effect

10. **A charity sold tickets at $5 each. A ticket was picked and a prize of $100 was given to the owner of the ticket. A student bought a ticket but did not win. What is the opportunity cost to the student? CIRCLE ALL THAT APPLLY (10 points)**
    A. What could have been bought for $5
    B. $100
    C. $5
    D. $0

11. **Identify the part of the business cycle characterized by increase in real GDP, job creation, household income, profit, and increased business start-ups. CIRCLE ALL THAT APPLLY (5 points)**
    A. Recession
    B. Peak
    C. Trough
    D. Expansion

12. **The imposition of a sales tax on a given product causes the quantity to fall and the price paid by the consumer to rise. (5 points)**
    A. True
    B. False

13. **What can cause the demand function to shift? SHOW AT LEAST 2 FACTORS, EXPLAIN, and GRAPH (15 points)**

1. **Find a quadratic function (թառակուսային ֆունկցիա) such that its graph contains the points (1,0) (2,2) (3,0)?**

2. **Paula can spend all her monthly income by buying 8 video tapes and 8 CDs; but she can also spend all her money by buying 4 video tapes and 10 CDs. How many CDs could she buy if she spent all her money exclusively on CDs?**

A. 8
B. 10
C. 12
D. 14
E. 16

3. **What is the tangent of the smallest possible angle between two lines L1 and L2, if they are given as follows:**
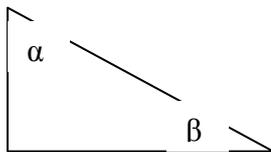   **L1 : y=2x+1**
   L2: y=-x+2

A. 1
B. -1
C. Sqrt(3)
D. Sqrt(3)/3
E. 3

4. **Find the sum of all even (զույգ) numbers from 1 to 99.**

A. 2450
B. 3000
C. 3500
D. 4000
E. 4900

5. **Find trigonometric function sinα and sinβ for two acute (սուր) angles of the given rectangular triangle with the vertical leg (էջ) equal to 3 and horizontal leg equal to 4.**

A. 0.6; 0.8
B. 0.8; 0.6
C. 0.75; 1
D. 1; 0.75
E. None of the above

6. **Find two numbers x and y, if any, such that their sum is equal to 24 and the product is maximized.**
A. 10, 14
B. 12, 12
C. 8, 16
D. 6, 18
E. None of the above

7. **Company produces 1200 washing machines each year. Demand forecasts (կանխատեսում) dictate to decrease production by 15% at the end of this year and by 10% at the end of the next year. How many washing machines the company has to produce at the end of the next year according to forecast?**

A 900
B. 910
C. 912
D. 918
E. 1000

8. **In a table-tennis championship there were five participants: Ann, Barbara, Charlie, Diana and Eve. After the championship, they made the following statements regarding the final result:**

Ann: Diana finished 2nd, while unfortunately I only managed to win the 3rd place.
Barbara: I won the championship, and Charlie became 2nd.
Charlie: I only became 3rd, but this is still better than Barbara's 5th place.
Diana: I was the second, while Eve became 4th.
Eve: I finished 4th, and the winner is Ann.

As it turned out, **exactly one statement** of each participant is true. Determine the final result of the championship.
A. Ann, Charlie, Diana, Eve, Barbara
B. Barbara, Diana, Charlie, Eve, Ann
C. Diana, Charlie, Ann, Eve, Barbara
D. Ann, Diana, Charlie, Eve, Barbara
E. None of the above

9. **In how many ways could you arrange letters A, B, C, D, E without repetition?**

A. 5
B. 25
C. 120
D. 625
E. 3125

10. **Which of the following statements is true?**

A. any real number is a polynomial (բազմանդամ) of degree 0
B. perpendicular (ուղղահայաց) lines have the same slope
C. quadratic function always has two roots
D. quadratic function can't have negative roots
E. None of the above