國防大學理工學院 104 學年度博、碩士班招生 □博士班■碩士班 考試試題			
系(所)別：	考試科目：英文	第 1 頁共 5 頁	考試時間 100 分鐘

I. Vocabulary: Choose one answer that can best complete the sentence. 24% (3% for each question)

1. A(n) _____ is a place where people go to look at fish and other sea animals.
(A) nursery (B) water park (C) aquarium (D) gallery

2. There is convincing _____of a link between exposure to sun and skin cancer.
(A) commonplace (B) denial (C) examination (D) evidence

3. The airplane was _____ damaged in the crash happen last week and nobody survived.
(A) slightly (B) occasionally (C) substantially (D) concurrently

4. In case of poisoning, immediately give large quantities of soapy or salty water in order to _____ vomiting.
(A) ignore (B) inspect (C) induce (D) inflict

5. People are _____ when they show no willingness to reduce their demands or back down.
(A) illiterate (B) misleading (C) uncompromising (D) devastating

6 Toll _____ operates by means of an electronic system.
(A) collection (B) contestant (C) censorship (D) exhibition

7. Those who share company data with outside parties will be _____ reprimanded.
(A) routinely (B) severely (C) respectively (D) efficiently

8. Let's look for a lawyer who will provide a low-cost _____ and then decide whether to sue based on his advice.
(A) consultation (B) presentation (C) defendant (D) competition

II. Structure and grammar: Choose one answer that can best complete the sentence. 21% (3% for each question)

9. When you open the mail, it _____ forwards itself to all of the addresses in your email address file.
(A) automatic (B) automation (C) automatically (D) automotive

10. .For some time, computers have performed many functions, once only possible for the human mind, _____ faster and more _____ than human.
(A) more…efficient (B) more….efficiently (C)much….efficient (D) much….efficiently

11. At the far end of a kaleidoscope _____, one made of clear glass and the other of ground glass.
(A) are tow plates (B) two plates are there (C) are two plates there (D) two plates are

12. _____ on the xylophone by striking the bars with hard mallets.
(A) Whenever tones produced by players
(B) Players produce tones
(C) Tones are produced by players who
(D) Whereas players produce tones

13. The Powell Golf Club will have to close down _____ the number of membership registration increases dramatically.
(A) unless (B) if (C) whether (D) since

14. Police are warning bystanders not to get _____ in the protest march which will take place tomorrow.
(A) involvement (B) involving (C)involve (D) involved

15. If the cook had been more careful in measuring the ingredients, the dinner _____ much better.
(A) would be (B) would have been (C) will be (C) will have been

III. Reading Comprehension:

For questions 16-25, choose the best answer for each question. 30% (3% for each question)

Perhaps the most familiar plant movement belongs to one species of mimosa called the sensitive plant. Within seconds, it can lower its leaves and make its tiny leaflets close up like folding chairs. This movement is thought to be initiated by electrical impulses remarkably similar to nerve signals in animals. But without the animals' sophisticated motion machinery, the mimosa has had to be creative in devising a way to move.

For motion, the plant depends on tiny, bulb-shaped organs located at the base of each leaf stalk and leaflet. Called pulvini, these organs hold the plant parts in place. When the mimosa is stimulated—say, by a crawling insect or a sudden change in temperature—an electrical impulse sweeps through the plant. This causes potassium and then water to be shifted from certain cells in the pulvini to others, quickly turning one side of the organs flaccid. Because the pulvini can no longer support the leaves and leaflets, this shift results in a corresponding change in their position.

16.The passage is mainly concerned with the _____.

(A) geographical distribution of plant and animal species

(B) location and purpose of the pulvini

(C) appearance of the mimosa

(D) process that causes movement in the mimosa

17. It can be inferred from the passage that the mimosa is called the sensitive plant because it _____.

(A) reacts to outside stimulation (B) has smaller leaves than most other plants

(C) depends on organs called pulvini (D) contains potassium and water

18. According to the passage, what is the function of the pulvini?

(A) To stimulate movement (B) To support leaves and leaflets

(C) To send electrical impulses (D) To produce potassium and water

19. According to the passage, what causes potassium and water in the mimosa to shift from some cells to others?

(A) signals from the pulvini (B) Electrical impulses

(C) Movements of the leaf stalks (D) Nerve signals

Reading2

There's nothing new about young entrepreneurs. Bill Gates was only 20 years old when he founded Microsoft, and the founders of Google were in their twenties when they incorporated Google as a business. But these days entrepreneurs are getting younger and younger. YoungBiz, an organization devoted to entrepreneurs under the age of 19, estimated in one year that the top 100 young entrepreneurs earned a total of more than $7 million.

Take, for example, Elise Macmillan. [A] She started out helping her grandmother make chocolate candy in their home kitchen. She especially enjoyed making chocolates in the form of animals: chocolate cows, horses, and even turtles. When she was about 11 years old, she began to sell the chocolate in her local community, calling her business "The Chocolate Farm." Eventually, her younger brother Evan joined as well, and they started marketing their chocolates worldwide, with a website. [B] Now they've expanded their ***product line*** to include things like a cookbook, greeting cards, and even a kit for making your own chocolate candies. [C] Their revenue for one year? Over $1 million. [D]

Kevin Hanks started his business at the age of 13 when he got eight used bicycles from a neighbor. He fixed them up, painted them, and then put them out in his front yard with a For Sale sign. He sold them for about $35 each. This gave Kevin the idea of looking for more old bikes and starting a real business. He got his bikes by advertising in local newspapers and bike magazines and going to police auctions. Kevin's company, Mass-Bike, specialized in racing bikes. He did most of his marketing and selling online. For Kevin an essential part of the business consisted of keeping accurate financial records and analyzing them carefully. He always knew how much he was investing and how much he was earning. This helped him set the prices for his bikes. Kevin also went on to study business in college and felt his experience with Mass-Bike would be useful throughout his life.

Most successful young entrepreneurs have several things in common. First, for them it's not just about the money. Their best business ideas come from their interests and the things they love doing. Second, their projects are basically simple things that don't require a lot of investment to get started. The hours are flexible and they get a lot of support from family and friends. And finally, of course, they are willing to work hard and persistently to make the business grow.

20. What is the main topic of the article?
    (A) How to run a successful business?
    (B) Children and teens with successful businesses
    (C) New business opportunities on the Internet
    (D) Problems of teens running businesses

21. The expression *product line* in paragraph 2 means ____
    (A) a group of products made by one company
    (B) the most important product a company makes
    (C) a system for marketing products
    (D) the order in which products are sold

22. Where does the following sentence best fit in the text? *Despite their early success, Elise and Evan believe education is important and are now in college.*
    (A) In the place marked [A]
    (B) In the place marked [B]
    (C) In the place marked [C]
    (D) In the place marked [D]

23. Which of these things is something that the Macmillans and Kevin Hanks do NOT have in common?
(A) As worldwide market for their products
(B) Starting in the local community
(C) A belief in the importance of education
(D) Selling their products online

24. According to the article, why was record-keeping important for Kevin Hanks
(A) He needed it in case the government inspected his business.
(B) He enjoyed working with numbers.
(C) It helped him to know how much to charge for his bikes.
(D) None of the above.

25. Which of these is NOT a major factor in the success of young entrepreneurs
(A) Doing something they enjoy
(B) Keeping their expenses low
(C) Working the same hours every day
(D) The support of their local community

IV. Translation: For questions 26-30, translate the following Chinese sentences into English. 25% (5% for each question)

26.很多人都認為， 財富可以為我們帶來許多物質上的舒適。

27.雖然說如此 但是沒有健康，我們什麼都享受不到。

28.大部分的人只有在失去健康的時候，才知道健康多麼重要。

29. 我們必須定期接受身體檢查 並且盡量保持均衡飲食，充足的睡眠和經常的運動。

30. 健康才是成功的關鍵，沒有健康，任何形式的成功都是沒意義。