

淡江大學 105 學年度碩士班甄試招生考試試題

系別：各學系、研究所

科目：英 文

考試日期：12月5日(星期六) 第1節

本試題共 2大題， 8 頁

Part I: Please select the best answer for each question (40%)

1. People usually wear clothing ____ two basic purposes—decoration and warmth.
a. for b. on c. in d. from
2. Animal researchers have identified many behavioral patterns ____ with selecting a place to live, avoiding predators, and finding food.
a. are associated b. associated c. association d. which associate
3. Students pay close attention ____ the invited speaker's lecture.
a. on b. of c. to d. in
4. The purpose of traveler's checks is to protect travelers from theft and accidental ____ of money.
a. lost b. lose c. losed d. loss
5. The world's rain forests ____ down at the rate of 3,500 acres per hour.
a. have cut b. are being cut c. Be cut d. are cutting
6. Water and air play important roles ____ our life.
a. of b. to c. on d. in
7. The ____ of gold in California in 1848 led to the Gold Rush.
a. discovery b. invention c. realization d. development
8. You ____ to the Halloween party last night. It was fun!
a. should come b. might have come c. should have come d. came
9. It ____ Jackson 30 minutes every day to commute between Tamshui and Taipei.
a. costs b. makes c. needs d. takes
10. Upon ____, a warm welcome awaits tourists.
a. arrive b. of arriving c. arrived d. arrival
11. Dickson's first poem was published ____ he was still a college student.
a. once b. when c. during d. where
12. The octopus is an amazing creature because it has three ____ hearts.
a. functioning b. functions c. functioned d. of function
13. The beagle, one of the most ancient breeds of dog known, ____ in U.K.
a. originated b. originating c. was originated d. origination
14. Brain research ____ that the left hemisphere is in charge of language.
a. have been shown b. is shown c. shows d. are showing
15. Guppies are sometimes ____ rainbow fish because of the males' bright colors.
a. called b. known c. referred d. believed
16. ____ several terms in Congress, Norman became an important politician in the U.S.
a. Has served b. Serving c. Served d. Service
17. Dictionaries frequently explain the origin of the defined word, state its part of speech, and ____ its correct use.
a. indication b. indicative c. indicating d. indicate

本試題雙面印刷

背面尚有試題

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本試題共 2大題， 8 頁

18. _____, most birds must eat at least half their own weight in food every day.
a. Have survived b. To survive c. Due to survival d. Being survived
19. Viral marketing _____ any technique that encourage people to pass along information.
a. defines b. defined c. is defined as d. defining
20. The benefits _____ from proper diet and regular exercise are indisputable.
a. to be gained b. have gained c. will gain d. that are gaining

Part II: Reading Comprehension (60%)

Strange Love

Animals mate to produce offspring so that their genes are passed along. Due to their need to reproduce, it seems like finding a mating partner should be a straightforward process. Actually, though, many animals have to resort to tactics or tricks to find a partner. Some animals stand out because they look unique, while others perform dramatic rituals to woo a mate.

In the animal kingdom, there are many different courting rituals. For example, male bowerbirds are fairly romantic, creating a colorful bower, or an attractive shelter, for their future mate. The female chooses her mate based on the beauty of his bower. Similarly, birds of paradise are best known for the elaborate plumage that males use to attract a female. They also have a unique dance that they use to lure females, and often tickle them with their colorful feathers.

Porcupines have a very short mating season. Females are only interested in mating for 8 to 12 hours per year. When females are ready to mate, they leave urine markings so that males can find them. A male will travel long distances to compete for a female. Male porcupines perform the unusual ritual of urinating on the female from a tree branch. If she is not interested in the male, she will scream and shake off the urine. If she is interested, the two will mate.

Seahorses are also unusual animals because it is the male that carries the eggs. Members of this species go through an **elaborate** courtship that lasts for days. When male and female seahorses are interested in each other, they hold tails, swim with their snouts together, and eventually change color to signal that they are ready to mate.

Evolution has not made mating a straightforward process. Though many single people complain about being alone, they can take comfort in the fact that they are not forced to endure the strange courting rituals that some animals must go through.

Now answer questions 1-5 below:

1. What does this passage mainly discuss?
- Different courting rituals in the animal kingdom
 - Animals that use deception to find a mate
 - Birds that attract partners with their beautiful feathers
 - Straightforward mating processes

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本試題共 2 大題， 8 頁

2. What do female porcupines do when they are ready to mate?
 - a. They scream and shake.
 - b. They change color.
 - c. They urinate on the male.
 - d. They leave urine markings.
3. The word "elaborate" is closest in meaning to _____.
 - a. Easy
 - b. Short
 - c. Deliberate
 - d. Complicated
4. What do bowerbirds do to lure a mate?
 - a. They travel a long way.
 - b. They build shelters.
 - c. They carry eggs.
 - d. They perform a unique dance.
5. Which statement about "Strange love" is incorrect?
 - a. Female bowerbirds create colorful bowers for their mates.
 - b. Seahorses change color to indicate that they are ready to mate.
 - c. Male birds of paradise dance to attract the females.
 - d. During courtship, male porcupines urinate on the females from a tree branch.

Are Human Beings Getting Smarter?

Do you think you are smarter than your parents and grandparents? According to James Flynn, a professor at a New Zealand university, you are! Over the course of the last century, people who have taken IQ tests have gotten increasingly better scores—on average, three points better for every decade that has passed. This improvement is known as "the Flynn effect," and scientists want to know what is behind it.

IQ test and other, similar tests are designed to measure general intelligence rather than knowledge. Flynn knew that intelligence is partly inherited from our parents and partly the result of our environment and experiences, but the improvement in test scores was happening too quickly to be explained by heredity. So what was happening in the 20th century that was helping people achieve higher scores on intelligence tests?

Scientists have proposed several explanations for the Flynn effect. Some suggest that the improved test scores simply reflect an increased exposure to tests in general. Because we take so many tests, we learn test-taking strategies that help us perform better on any test. Others have pointed to better nutrition since it results in babies being born larger, healthier, and with more brain development than in the past. Another possible explanation is a change in educational styles, with

背面尚有試題

淡江大學 105 學年度碩士班甄試招生考試試題

系別：各學系、研究所

科目：英文

1-4

考試日期：12月5日(星期六) 第1節

本試題共 2 大題， 8 頁

teachers encouraging children to learn by discovering things for themselves rather than just memorizing information. This could prepare people to do the kind of problem solving that intelligence tests require.

Flynn limited the possible explanations when he looked carefully at the test data and discovered that the improvement in scores was only on certain parts of the IQ test. Test-takers didn't do better on the arithmetic or vocabulary sections of the test; they did better on sections that required a special kind of reasoning and problem solving. For example, one part of the test shows a set of abstract shapes, and test-takers must look for patterns and connections between them and decide which shape should be added to the set. According to Flynn, this visual intelligence improves as the amount of technology in our lives increases. Every time you play a computer game or figure out how to program a new cell phone, you are exercising exactly the kind of thinking and problem solving that helps you do well on one kind of intelligence test. So are you really smarter than your parents? In one very specific way, you may be.

Now answer questions 6-10 below:

6. What is the main idea of this passage?
 - a. Several explanations have been proposed for the Flynn effect.
 - b. Human beings are getting smarter because of gene and nutrition.
 - c. Prof. Flynn from New Zealand recently discovered the Flynn Effect.
 - d. Computer games and smart phones have made humans more intelligent.
7. The Flynn effect is _____.
 - a. used to measure intelligence
 - b. an increase in IQ test scores over time
 - c. unknown in some parts of the world
 - d. not connected to our experiences
8. Which statement would Professor Flynn agree with?
 - a. People today are more intelligent in every way.
 - b. People today have fewer problems to solve.
 - c. People today are taking longer but easier tests.
 - d. People today are exposed to more visual intelligence.
9. What does "heredity" mean?
 - a. Inheritance
 - b. Memorization
 - c. Immediacy
 - d. Remedies
10. Which of the following is **NOT** proposed as an explanation of the Flynn effect?
 - a. Better health and nutrition

淡江大學 105 學年度碩士班甄試招生考試試題

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科目：英 文

考試日期：12月5日(星期六) 第1節

本試題共 2大題， 8 頁

- b. Test-taking techniques are improved
- c. Availability of past exam questions
- d. Problem-solving skills are nurtured at school

Do it!

Some do it to music, some while watching television; others do it in the privacy of their own homes, others in gyms. For some, they do it in the morning, others at night. But no matter where or when, millions of people all over the world do it, and that is exercise. But, unfortunately, millions of people do not get enough exercise. The benefits of regular aerobic exercise are so great that it is a wonder everybody doesn't start on a program today.

Probably the most well-known effect of aerobic exercise can be achieved in a relatively short period of time, and that is improved cardiovascular and pulmonary functions. When a person exercises long and hard enough, the heart pumps faster and blood is circulated well throughout the body. Since the heart is a muscle, exercise serves to strengthen it. As the heart becomes stronger, a person's stamina improves, as well as his energy level. The same is true of the lungs. It doesn't take long to **reap** these benefits. A person can get such results within a few weeks just by walking briskly for 30 minutes three or four times a week.

Another physical benefit of regular aerobic exercise takes longer to achieve, but it is well worth the effect, particularly for women. Exercise can help prevent the crippling bone degeneration called osteoporosis. Osteoporosis is a gradual process of loss of bone mass that occurs naturally as people age, but it can be **halted** by regular aerobic exercise. Exercise actually helps increase bone mass and is said to be the best preventive measure to take to avoid osteoporosis.

Just as regular exercise can help people achieve cardiovascular and skeletal fitness, it can also help people improve their emotional fitness. One of the good things about exercise is that it reduces stress. It does this in different ways. By improving one's overall fitness, aerobic exercise makes a person more capable of handling stress because he is less tense. When exercising, blood circulation improves and people burn off the adrenalin that stress causes the body to produce. Another way that exercise helps people handle stress is that after sufficient aerobic exercise, the body produces beta-endorphins, which are natural stress-relieving chemicals. In addition to helping people cope with stress, exercise can also help to alleviate depression.

There are no doubt many other benefits of regular aerobic exercise. It doesn't require that much time or effort to become a healthier person within weeks. Instead of watching television so much, people would be better off cycling or walking.

Now answer questions 11-15 below:

11. What is the main idea of this passage?

- a. Exercises like cycling or walking do not require much time, so people should do them

背面尚有試題

淡江大學 105 學年度碩士班甄試招生考試試題

16

系別：各學系、研究所

科目：英 文

考試日期：12月5日(星期六) 第1節

本試題共 2 大題， 8 頁

regularly.

- b. People with heart and lung diseases should exercise 3-4 times a week to strengthen their heart or lung muscles.
- c. Exercise is extremely important for your health, no matter when, where or how you do it.
- d. Regular exercise helps strengthening the heart, blood circulation, preventing bone loss, and relieving stress.

12. The word "reap" is closest in meaning to _____.

- a. Obtain
- b. Leap
- c. Predict
- d. Reverse

13. Which of the following is **NOT** mentioned in the article?

- a. Adrenalin is a substance that human body generates as a result of stress.
- b. Even though regular exercise helps prevent osteoporosis, it takes longer to do so than strengthening your heart muscles.
- c. Women suffering from bone loss should consume dairy produces like milk or cheese every day.
- d. Beta-endorphins are chemicals that human body creates to ease stress.

14. The word "halted" is closest in meaning to _____.

- a. Predicted
- b. Stopped
- c. Lifted
- d. Worsened

15. In which magazine are you most likely to find this article?

- a. *Vogue*
- b. *Literary Review*
- c. *Budget Travel*
- d. *Health*

Breakfast Like A King?

Dear Dr. Hamilton:

I have heard that a person should eat a large breakfast. What's the healthiest breakfast, and why?

Tony, N.Y.

Dear Tony,

There is an old saying: "Breakfast like a king, lunch like a prince, and dinner like a poor man." In most countries, dinner is the biggest meal of the day. So why does this saying tell us to eat a large

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本試題共 2 大題， 8 頁

breakfast instead?

The answer is in the word “breakfast” itself. It means the “breaking” of a “fast,” or a long period without eating. The time between dinner and breakfast can be more than 12 hours, so the meal that breaks your fast is very important. It should be healthy and nutritious. Also, unlike your evening meal, the food you consume for breakfast gives you the energy you need during the most active part of your day. Researchers have found evidence that eating a big breakfast can improve your concentration and mood, and **boost** your energy level.

Experts agree that it is important to eat a good breakfast, and to have your main meal earlier in the day. However, not enough people are heeding their advice. In the U.S., for example, many people skip breakfast or have only a cup of coffee in the morning. About two-thirds of the population still have their main meal in the evening. Many popular dinner foods, such as steak and French fries, are heavy in fat, which makes people feel **lethargic**.

Other countries follow healthier patterns of eating. In Mexico, families generally have a light breakfast, and eat their largest meal at 2 p.m. It might include an appetizer, soup, pasta, fish, meat with a salad, dessert, and finally tea or coffee. In Switzerland, the main meal is also eaten in the middle of the day, and usually contains a lot of fresh vegetables and fruits; the Swiss generally eat meat only two or three times a week.

The best breakfast is one that contains plenty of protein and carbohydrates to give you the energy for your daily activities. Two examples of such a breakfast are eggs and whole wheat toast, or cereal with milk. Of course, there are many different kinds of healthy breakfasts. In Japan, people like to have rice, soup, and an egg in the morning; a typical Arab breakfast is bread, cheese, and olives. There are many wholesome foods you can choose—the important thing is to start your day with breakfast, and get the nutrition you need.

Now answer questions 16-20 below:

16. What can be inferred from this passage?

- a. Dr. Hamilton probably agrees that it's better to eat at KFC in the evening.
- b. Dr. Hamilton probably teaches *Human Behaviors* in a U.S. university.
- c. What matters is not only the food quantity and quality, but also when we eat it.
- d. Donuts and cappuccino are the best breakfast choices.

17. The word “boost” is closest in meaning to _____.

- a. Decrease
- b. Enhance
- c. Imbalance
- d. Measure

18. According to Dr. Hamilton, which of the following statement is true?

- a. Taking a short walk after a big meal helps digestion.

背面尚有試題

淡江大學 105 學年度碩士班甄試招生考試試題

系別：各學系、研究所

科目：英 文

1-8

考試日期：12月5日(星期六) 第1節

本試題共 2大題， 8 頁

- b. "Dine like a poor man" means to eat cheap foods for dinner.
- c. Canned salmon is equally nutritious as fresh salmon.
- d. About 67% of the Americans eat their main meals in the evening.

19. The word "lethargic" is closest in meaning to _____.

- a. Tired
- b. Angry
- c. Healthy
- d. Energetic

20. Dr. Hamilton cited examples of countries with good eating diets from the following continents,

EXCEPT:

- a. Europe
- b. Latin America
- c. Middle East
- d. Australia