

# 中山大学

## 二00七年港澳台地区攻读硕士学位研究生入学考试试题

科目代码: 101

科目名称: 英语

考试时间: 4 月 21 日 上 午

### 考生须知

全部答案一律写在答题纸上,  
答在试题纸上的不得分! 请用  
蓝、黑色墨水笔或圆珠笔作答。  
答题要写清题号, 不必抄题。

### Section 1: Use of English

Directions: Read the following text. Choose the best word (s) for each numbered blank and mark A, B, C or D. on ANSWER SHEET. (10 point)

There was a time when parents who wanted an educational present for their children would buy a typewriter, a globe or an encyclopedia set (一套百科全书). Now those 1 seem hopelessly old-fashioned; last Christmas, there were a lot of a lot of 2 computers under the tree. Convinced that computers are the key 3 success, parents are also frantically insisting that children 4 taught to use them in school as early as possible.

The problem for school is that when it 5 computers, parents don't always know best. Many schools are 6 parental impatience and are purchasing hardware 7 7 sound educational planning. Teachers 8 themselves caught in the middle of the problem between parent pressure and 9 educational decisions.

Educators do not even agree 10 how computers should be used. A lot of money is going for computerized educational materials 11 research has shown can be taught 12 with pencil and paper. Even those who believe that all children should 13 to computers, warn of potential 14 to the every young

The temptation remains strong largely because young children 15 so well to computers. First graders have been 16 willing to work for two hours on math skills. Some have an attention span of 20 minutes. Not every school can afford 17 computing. Very few parents are agitating 18 computer instruction in poor school districts, 19 there may be barely enough money to 20 the reading teachers.

- |                   |             |              |                          |
|-------------------|-------------|--------------|--------------------------|
| 1. A. items       | B. toys     | C. sets      | D. series                |
| 2. A. private     | B. children | C. school    | D. personal              |
| 3. A. of          | B. for      | C. to        | D. with                  |
| 4. A. are         | B. be       | C. are being | D. were                  |
| 5. A. talk about  | B. comes to | C. turns to  | D. mentions              |
| 6. A. ignorant of | B. blaming  | C. yielding  | D. turning a deaf ear to |
| 7. A. without     | B. with     | C. through   | D. for                   |
| 8. A. relied on   | B. relaxed  | C. freed     | D. found                 |
| 9. A. wise        | B. clever   | C. slow      | D. enough                |

考试完毕, 试题和草稿纸随答题纸一起交回。

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- |                    |                    |                 |                |
|--------------------|--------------------|-----------------|----------------|
| 10. A. on          | B. with            | C. to           | D. at          |
| 11. A. however     | B. it              | C. what         | D. that        |
| 12. A. equally     | B. in the same way | C. just as well | D. not as well |
| 13. A. be open     | B. have access     | C. look         | D. turn        |
| 14. A. appropriate | B. exposure        | C. dangers      | D. harmful     |
| 15. A. adopt       | B. keep            | C. adapt        | D. devote      |
| 16. A. watched     | B. seen            | C. told         | D. taught      |
| 17. A. going into  | B. to go into      | C. going for    | D. to go for   |
| 18. A. for         | B. against         | C. to buy       | D. use         |
| 19. A. for         | B. in any case     | C. although     | D. where       |
| 20. A. pay         | B. pay for         | C. pay off      | D. pay back    |

## Section II: Reading Comprehension

### Part A

**Directions:** Read the following four texts. Answer the questions below each text by choosing A, B, C or D. Mark your answers on ANSWER SHEET. (40 points)

#### Text 1

What is fuzzy logic? The original concept, developed in the mid-'60s by Lotfi Zadeh, a Russian-born professor of computer science at the University of California, Berkeley, is that things in the real world do not fall into the neat, crisp categories defined by traditional set theory, like the set of even numbers or the set of left-handed baseball players. In standard Aristotelian logic, as in computer science, membership in a class or set is not a matter of degree. Either a number is even, or it is not. But this on-or-off, black-or-white, 0-or-1 approach falls apart when applied to many everyday classifications, like the set of beautiful women, the set of tall men or the set of very cold days.

To deal with such cases, Zadeh proposed that membership in a set be measured not as a 0 or 1, but as a value between 0 and 1. Thus, in the set of tall men, George Bush (6 ft. 2 in.) might have a membership value of 0.7, while Kareem Abdul-Jabbar (7 ft. 2 in.) might have a 0.99. Zadeh and his students went on to elaborate a full fuzzy mathematics, devising precise rules for combining vague expressions like "somewhat fast", "very hot" and "usually wrong."

This mathematics turns out to be surprisingly useful for controlling robots, machine tools and various electronic systems. A conventional air conditioner, for example, recognizes only two basic states: too hot or too cold. When geared for thermostat control, the cooling system either operates at full blast or shuts off completely. A fuzzy air conditioner, by contrast, would recognize that some room temperatures are closer to the human comfort zone than others. Its cooling system would begin to slow down gradually as the room temperature approached the desired setting. Result: a more comfortable room and a smaller electric bill.

21. Traditional set theory is not satisfactory when it comes to the classification of \_\_\_\_\_.
- |                           |                                  |
|---------------------------|----------------------------------|
| [A] even numbers          | [B] left-handed baseball players |
| [C] black or white colors | [D] beautiful women              |
22. What is the first paragraph of the passage mainly concerned about?
- [A] A brief introduction of Professor Lotfi Zadeh.  
[B] A definition of fuzzy logic.  
[C] A brief introduction of Aristotelian logic.  
[D] An example of the use of fuzzy logic.
23. Fuzzy logic is valuable in comparing people's height because \_\_\_\_\_.
- [A] it can measure values between 0 and 1  
[B] it gives very vague results  
[C] some people can be as short as 0.99 ft  
[D] the traditional way fails to compare the height of people logically
24. Fuzzy logic has been used in all the following objects except \_\_\_\_\_.
- |                   |                                |
|-------------------|--------------------------------|
| [A] robots        | [B] various electronic systems |
| [C] machine tools | [D] electric meters            |
25. A fuzzy air conditioner is more satisfactory because it \_\_\_\_\_.
- [A] looks better than a conventional one  
[B] can be turned on and off easily  
[C] suits our needs and saves energy  
[D] can be used in worst weather conditions

#### Text 2

What seems distinctive about American interests in sport is that it is not confined to social classes. People in all walks of life are represented among ardent sports fans. The collective audience for sports events is enormous.

Sports are associated with educational institutions in a way that is unique. Junior and senior high schools have coaches as faculty members, and school athletic teams compete with each other in an array of sports. Each team's entourage included a marching band (especially associated with football, as Americans and Canadians call the game played with oblong-shaped ball) and a group of cheerleaders. In some smaller American communities, high school athletics are a focal point of the townspeople's activities and conversations.

Nowhere else in the world are sports associated with colleges and universities in the way they are in the States. College sports, especially football, are conducted in an atmosphere of intense excitement and pageantry. Games between teams classified as "major football powers" attract nationwide television audiences that number in the millions. There is a whole industry built on the manufacture and sale of badges, pennants, T-shirts, blankets, hats, and countless other items bearing the totem and colors of various university athletic teams. Football and basketball coaches at major universities are paid higher salaries than the presidents of their institutions. Athletic department budgets in the millions of dollars.

Said a recently-arrived foreign student in Iowa City, "It looks like the most important part of the University (of Iowa) is the most important thing in the whole town."

Sports are a very frequent topic of conversation, especially among males. "Small talk" about sports is self-interesting, but not too personal. Participants can display their knowledge of athletes and statistics without revealing anything considered private.

In some social circles, associating with athletes is a way to achieve social recognition. A person who knows local sports hero personally, or who attends events where famous athletes are present, is considered by some people to have accomplished something worthwhile.

Expressions from sports are extraordinarily common in everyday American speech. Baseball is probably the source of more idiomatic expressions than any other sport. That fact disadvantages foreign visitors in communicating with Americans because most of them come from countries where baseball is not played.

26. Sports are associated with American high schools in that \_\_\_\_\_.  
[A] all the students take part in different sports  
[B] high school athletics are the hot issue in most American communities  
[C] coaches work in high schools as faculty members  
[D] sports are not confined to faculty members
27. In the U.S., colleges are related to sports in a unique way because \_\_\_\_\_.  
[A] college games between teams appeal to millions of dollars  
[B] football coaches at universities are paid higher salaries than college presidents  
[C] athletic departments gain a net profit of millions of dollars  
[D] college sports games are the most important events
28. It can be inferred from the passage that \_\_\_\_\_.  
[A] all the Americans like to talk about sports  
[B] American college students are crazy about games between colleges  
[C] men are more interested in sports than women in the U.S  
[D] Americans like to have "small talk" about sports because it doesn't reveal one's privacy
29. According to the passage, \_\_\_\_\_ is the most important source of idiomatic expressions in the U.S.  
[A] football                      [B] basketball                      [C] baseball                      [D] boxing
30. Which of the following is probably the best title for the passage?  
[A] American Excitement  
[B] Sports and Idiomatic Expressions  
[C] American Sports and educational Institutions  
[D] Social Classes and Sports

### Text 3

Emotions are an essential part of our nature and may be either helpful destructive depending on how we deal with them.



Daniel Goleman, author of Emotional Intelligence, contends that emotional intelligence, or EQ, is more important than IQ in a person's ability to be successful and happy.

It's widely known that emotions can empower people or drive them up a wall. When you can't get through to that special someone, your emotions tie you up in knots and you feel powerless. Getting a handle on those feelings, then being able to use alternative behaviors, is the beginning of EQ.

We all have emotions --- even your partner, who appears stone-faced and unruffled by crisis. Identifying a specific emotion at the time you're having it is the basis of EQ.

Take jealousy, for example. Remember that time your partner spent so much extra time with that tall blonde at your best friend's party? When you mentioned it, he got angry and yelled: "you're always so jealous! You have to learn to trust me." He made you feel so foolish --- like an insecure little girl --- and you vowed you would never be jealous again.

It doesn't work that way. Jealousy is only a symptom, and trust isn't the issue. Fear is. Until you figure out what you're afraid of, *you'll find yourself on that merry-go-round again and again.* So sit down and analyze why you feel so fearful about the attentions your significant someone shines on sultry (性感的) sisters.

Some fears are obvious. Will he find someone else more attractive? If he finds someone more attractive, will he leave you? If he leaves you, what will you do? We stay in unhappy or destructive relationships and jobs for far longer than is emotionally healthy because we fear change. And we don't trust ourselves to make the right decisions.

Goleman says emotionally literate people have learned how to express their emotions at the right time and place and in the right way. They're also aware of how their emotions affect others, keeping the focus on cooperation instead of competition or compliance.

31. According to the author, just as emotions can empower people, they can also \_\_\_\_.
- [A] make people crazy
  - [B] prevent a person from jumping high
  - [C] help people find the person they are looking for
  - [D] increase a person's physical strength
32. \_\_\_\_ is the root of jealousy.
- [A] Selfishness
  - [B] Fear
  - [C] Lack of confidence
  - [D] Lack of trust
33. Judging from the context, "you will find yourself on that merry-go-around again and again" (Line2, Para.6) most probably means \_\_\_\_.
- [A] you will attend your friend's party frequently
  - [B] you will dance with your partner all the time
  - [C] you will repeatedly find your partner all the time
  - [D] you will always feel happy so long as you don't know what you are afraid of

34. Which of the following statement is NOT a characteristic of emotionally literate people?
- [A] They can express their emotions appropriately.
  - [B] They are considerate of others' feelings
  - [C] They prefer to cooperate rather than compete with others.
  - [D] They tend to do anything at the request of other people.
35. From what is said in the passage, it can be concluded that \_\_\_\_\_.
- [A] bad emotions might bring about disasters in one's life
  - [B] EQ is as important as IQ in a person's ability to be successful
  - [C] sometimes it is because of money that we don't quit unhappy jobs
  - [D] all of us tend to lose control of our emotions regardless of any consequences

Text 4

Juan Carlos, king of Spain, killed his younger brother in a gun accident as a child. The brother was the only other male in the line of succession. This might explain why the king held a reception in 1986 for the veterans of the International Brigades. These foreigners had fought and mostly died to save the Spanish Republic from the monarchists, among others, in Spain's fratricidal (杀兄弟的) Civil War of 50 years before.

I shot my brother Dave in the calf with a BB gun at a range of about 150 yards at our grandfather's farm as he was walking away uphill. He was 6 years old. I didn't think I could hit him from that distance, but I did; the BB bounced off without having done any damage, but his feelings were hurt permanently.

This little brother of mine now works for the Washington Post and was awarded a Pulitzer Prize last year for his reporting on Bill Clinton.

After the Pulitzer award was announced, the woman who runs the art museum at the college where I teach asked: "Doesn't that make you feel inadequate?"

I didn't think at the time that this was a normal, let alone polite, question for her to ask, but I have worked out an answer to it: Everything makes me feel inadequate, and it does the same to him.

Dave had a tough time because our sister Jean and I were always doing great in school. Dave wouldn't eat most foods, talked back to Dad, and was our mother's favorite, so we thought. We still do. None of us could understand why she'd make this *mistake*, and we attributed it to his asthmatic condition.

People say that the strongest bond is the sibling bond. I know exactly what my brother's motives are in everything. In fact, my brother and I are one.

One day in 1962 I had gotten halfway home from West and saw Dave running toward me, running hard. "What's wrong?" I asked him when he reached me. He was out of breath.

"The letter came today!" he said. "From Harvard! You got in!" It took me back a little to see what this meant to him. What was it to him?

Maybe he's forgotten, but I'll never forget what it was to be intercepted by my little brother at the corner of the street as he carried the news of my success.

36. The story of Juan Carlos is told to imply \_\_\_\_\_.  
 [A] how important the International brigades were  
 [B] how guilty Juan Carlos was of his carelessness  
 [C] the writer's admiration for the International Brigades  
 [D] the writer's feelings towards his brother
37. The writer thought the woman's question was \_\_\_\_\_.  
 [A] impolite [B] imprecise [C] incomprehensible [D] inadequate
38. It can be inferred from the passage that \_\_\_\_\_.  
 [A] the writer and his sister heated their brother  
 [B] the writer was jealous of his brother because the latter won a Pulitzer Prize  
 [C] the writer almost killed his brother with a BB gun  
 [D] the writer's performance at school resulted in great pressure on his brother
39. The writer and his sister believed that their mother made a "mistake" because she \_\_\_\_\_.  
 [A] didn't cure Dave of his asthma  
 [B] allowed Dave to talk back to Dad  
 [C] didn't teach Dave to behave appropriately at home  
 [D] loved Dave more than she did them
40. When the younger brother writer entered college, his reaction revealed \_\_\_\_\_.  
 [A] his love for the writer [B] his surprise at the news  
 [C] his jealousy against the writer [D] his hatred for the writer

### Part B

**Directions:** In the following text, some sentences have been removed. For Questions 41-45, choose the most suitable one from the list A-G to fit into each of the numbered blank. There are two extra choices, which do not fit in any of the gaps. Mark your answers on ANSWER SHEET 1 (10 points)

Finding time to enjoy life is becoming harder and harder. As the average workweek lengthens, leisure time drops.

Yet some of the world's busiest people are able to develop rewarding careers and also make time for family and leisure activities. Here is their best advice, plus that of time-management experts.

#### 1. Use your peak hours wisely.

When is the best time to undertake important tasks? 41. \_\_\_\_\_

These patterns correlate with the rise and fall of your working efficiency, mental alertness and feeling of well-being.

Simply lounging in bed in the morning can rob you of productive time. "Long ago I learned a trick that saves me 20 to 50 minutes a day," one busy man told me, "I simply get out of bed when I wake up. Lingering only delays the inevitable, and you aren't getting any real rest anyway."

People tend to be most alert in late morning and mid-evening. Afternoon brings an increase in sleepiness, with a "trough" in efficiency occurring around 2 or 3 p.m. 42. \_\_\_\_\_

Use your high-efficiency hours to tackle difficult jobs or engage in creative thinking. For low-efficiency times, concentrate on reading the newspaper, cleaning up or sorting your mail. 43. \_\_\_\_\_

## 2. Make a plan.

Would you drive to an unfamiliar destination without a road map?

44. \_\_\_\_\_

Just 20 minutes of organizing can save an hour of extra remembering what must be done. "Don't try to carry your life around in your head," says an expert. "Write things down so you can free your brain for more creative pursuits."

Make a to-do list every day. 45. \_\_\_\_\_

If you have more, group the most urgent task under "A", less important under "B" and least vital under "C", or rank items with different colored highlighters.

In less than ten minutes, a New York City attorney, a mother of four, lists all household tasks to be completed each day. Through good organization, she is able to manage her family and professional responsibilities, and also stay involved in church activities and a university board of trustees --- and do everything well.

[A] If you have fewer than ten items, use numbers to prioritize your list.

[B] Normal body temperature can vary as much as 1.6 degrees Celsius during the day.

[C] After body temperature peaks between 6 and 8 p.m., many people experience a decrease in alertness.

[D] Time-management experts agree that the most productive minutes of your day are those devoted to planning ahead.

[E] By adapting to your mental condition, you can accomplish more in less time.

[F] After adjusting your body temperature, many people experience an increase in alertness.

[G] The patterns of rising and falling of temperature is related to our working efficiency.

## Part C

**Directions:** Read the following text carefully and then translate the underlined segments into Chinese. Your translation should be written clearly on ANSWER SHEET 2. (10 points)



My name is Gail Naughton and I am president of Advanced Tissue Sciences. On June 28<sup>th</sup> of this year I was honored to be the first individual woman to be awarded "National Inventor of the Year" by the Intellectual Property Organization. I was delighted to donate my award money to the Association for Women in Science Organization to help provide scholarship funds for young women interested in pursuing a career in science; but this is a small part of what needs to be done. 46. Being the first woman of 27 awardees is indeed a privilege and offers me the opportunity to serve as a role model for many young women interested in pursuing a career in science. Yet the "first of 27" raises the serious issue of the paucity(缺乏) of women who are pursuing a career in technical fields and who are contributing their talents toward developing key inventions that can provide key benefits to the American public and to people worldwide.

My successes scientifically were not due to special programs in schools, scholarships for women in science, or a privileged formal education. 47. I am a scientist today because I had the great fortune to be raised by my parents to believe that I can achieve anything I set my mind to. Although not having the benefit of a college education, my parents stressed the value of higher education to both my brother and myself. This backing, along with a strong stubbornness, carried me through years of intense training toward my Ph.D.

48. Training in the science and engineering is long, expensive, and arduous and starting salaries in these fields for new Ph.D.s are remarkably low, particularly for women and minorities. Young people need to be encouraged to face these hurdles and be given every opportunity to develop their scientific talents.

49. We and others developing cutting edge technologies in this exciting new millennium need the largest and best-trained talent pool available. Please don't let future inventors be neglected. I implore your support of developing grants and scholarships to encourage women and minorities to get into technology. 50. Training and support can't start too early; scholarships for special training and scientific sabbaticals (休假年) for teachers in minority areas are a key first step. Programs to raise awareness and encourage young scientists are key. Your support can help ensure that the United States develops the best talent pool and remains clearly the worldwide technical leader.

### Section III Writing

#### Part A.

**Direction:** *You have recently noticed that the Guangdong Travel Agency will enroll some student-interpreters to act as assistant tourist guides during the May Day holiday. You think you are qualified for the job, so you are writing a letter to the manager to make a self-recommendation of yourself. Your letter should be focused on your appropriate qualifications for the job. It should be politely written with no less than 100 words. Do not sign your own name at the end of the letter, use Li Bing instead. No address is required in the letter. (10 Points).*

## Part B

### Directions

Write an essay of 160-200 words based on the following picture. In your essay, you should first describe the picture, then interpret its meaning of it. You may give a topic to your writing: **Wasting Food Is a Disgusting Manner.** (20 Points).

