

2004 年全国攻读硕士学位研究生入学考试英语试题

Section I 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 1. (10 points)

Many theories concerning the causes of juvenile delinquency (crimes committed by young people) focus either on the individual or on society as the major contributing influence. Theories 1 on the individual suggest that children engage in criminal behavior 2 they were not sufficiently penalized for previous misdeeds or that they have learned criminal behavior through 3 with others. Theories focusing on the role of society suggest that children commit crimes in 4 to their failure to rise above their socioeconomic status, 5 as a rejection of middle-class values.

Most theories of juvenile delinquency have focused on children from disadvantaged families, 6 the fact that children from wealthy homes also commit crimes. The latter may commit crimes 7 lack of adequate parental control. All theories, however, are tentative and are 8 to criticism.

Changes in the social structure may indirectly 9 juvenile crime rates. For example, changes in the economy that 10 to fewer job opportunities for youth and rising unemployment 11 make gainful employment increasingly difficult to obtain. The resulting discontent may in 12 lead more youths into criminal behavior.

Families have also 13 changes these years. More families consist of one-parent households or two working parents; 14, children are likely to have less supervision at home 15 was common in the traditional family 16. This lack of parental supervision is thought to be an influence on juvenile crime rates. Other 17 causes of offensive acts include frustration or failure in school, the increased 18 of drugs and alcohol, and the growing 19 of child abuse and child neglect. All these conditions tend to increase the probability of a child committing a criminal act, 20 a direct causal relationship has not yet been established.

- | | | | |
|--------------------|------------------|------------------|--------------------|
| 1. [A] acting | [B] relying | [C] centering | [D] commenting |
| 2. [A] before | [B] unless | [C] until | [D] because |
| 3. [A] interaction | [B] assimilation | [C] cooperation | [D] consultation |
| 4. [A] return | [B] reply | [C] reference | [D] response |
| 5. [A] or | [B] but rather | [C] but | [D] or else |
| 6. [A] considering | [B] ignoring | [C] highlighting | [D] discarding |
| 7. [A] on | [B] in | [C] for | [D] with |
| 8. [A] immune | [B] resistant | [C] sensitive | [D] subject |
| 9. [A] affect | [B] reduce | [C] check | [D] reflect |
| 10. [A] point | [B] lead | [C] come | [D] amount |
| 11. [A] in general | [B] on average | [C] by contrast | [D] at length |
| 12. [A] case | [B] short | [C] turn | [D] essence |
| 13. [A] survived | [B] noticed | [C] undertaken | [D] experienced |
| 14. [A] contrarily | [B] consequently | [C] similarly | [D] simultaneously |
| 15. [A] than | [B] that | [C] which | [D] as |
| 16. [A] system | [B] structure | [C] concept | [D] heritage |
| 17. [A] assessable | [B] identifiable | [C] negligible | [D] incredible |
| 18. [A] expense | [B] restriction | [C] allocation | [D] availability |
| 19. [A] incidence | [B] awareness | [C] exposure | [D] popularity |
| 20. [A] provided | [B] since | [C] although | [D] supposing |

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 1. (40 points)

Text 1

Hunting for a job late last year, lawyer Gant Redmon stumbled across CareerBuilder, a job database on the Internet. He searched it with no success but was attracted by the site's "personal search agent". It's an interactive feature that lets visitors key in job criteria such as location, title, and salary, then E-mails them when a matching position is posted in the database. Redmon chose the keywords *legal*, *intellectual property* and *Washington, D.C.* Three weeks later, he got his first notification of an opening. "I struck gold," says Redmon, who E-mailed his resume to the employer and won a position as in-house counsel for a company.

With thousands of career-related sites on the Internet, finding promising openings can be time-consuming and inefficient. Search agents reduce the need for repeated visits to the databases. But although a search agent worked for Redmon, career experts see drawbacks. Narrowing your criteria, for example, may work against you: "Every time you answer a question you eliminate a possibility," says one expert.

For any job search, you should start with a narrow concept—what you think you want to do—then broaden it. "None of these programs do that," says another expert. "There's no career counseling implicit in all of this." Instead, the best strategy is to use the agent as a kind of tip service to keep abreast of jobs in a particular database; when you get E-mail, consider it a reminder to check the database again. "I would not rely on agents for finding everything that is added to a database that might interest me," says the author of a job-searching guide.

Some sites design their agents to tempt job hunters to return. When CareerSite's agent sends out messages to those who have signed up for its service, for example, it includes only three potential jobs—those it considers the best matches. There may be more matches in the database; job hunters will have to visit the site again to find them—and they do. "On the day after we send our messages, we see a sharp increase in our traffic," says Seth Peets, vice president of marketing for CareerSite.

Even those who aren't hunting for jobs may find search agents worthwhile. Some use them to keep a close watch on the demand for their line of work or gather information on compensation to arm themselves when negotiating for a raise. Although happily employed, Redmon maintains his agent at CareerBuilder. "You always keep your eyes open," he says. Working with a personal search agent means having another set of eyes looking out for you.

21. How did Redmon find his job?

- | | |
|---|---|
| [A] By searching openings in a job database. | [B] By posting a matching position in a database. |
| [C] By using a special service of a database. | [D] By E-mailing his resume to a database. |

22. Which of the following can be a disadvantage of search agents?

- | | |
|-------------------------|-------------------------------|
| [A] Lack of counseling. | [B] Limited number of visits. |
| [C] Lower efficiency. | [D] Fewer successful matches. |

23. The expression "tip service" (Line 4, Paragraph 3) most probably means_____.

- | | |
|------------------|-------------------|
| [A] advisory. | [B] compensation. |
| [C] interaction. | [D] reminder. |

24. Why does CareerSite's agent offer each job hunter only three job options?

- | | |
|---|---------------------------------------|
| [A] To focus on better job matches. | [B] To attract more returning visits. |
| [C] To reserve space for more messages. | [D] To increase the rate of success. |

25. Which of the following is true according to the text?

- | |
|--|
| [A] Personal search agents are indispensable to job-hunters. |
| [B] Some sites keep E-mailing job seekers to trace their demands. |
| [C] Personal search agents are also helpful to those already employed. |
| [D] Some agents stop sending information to people once they are employed. |

Text 2

Over the past century, all kinds of unfairness and discrimination have been condemned or made illegal. But one insidious form continues to thrive: alphabetism. This, for those as yet unaware of such a disadvantage, refers to discrimination against those whose surnames begin with a letter in the lower half of the alphabet.

It has long been known that a taxi firm called AAAA cars has a big advantage over Zodiac cars when customers thumb through their phone directories. Less well known is the advantage that Adam Abbott has in life over Zoë Zysman. English names are fairly evenly spread between the halves of the alphabet. Yet a suspiciously large number of top people have surnames beginning with letters between A and K.

Thus the American president and vice-president have surnames starting with B and C respectively; and 26 of George Bush's predecessors (including his father) had surnames in the first half of the alphabet against just 16 in the second half. Even more striking, six of the seven heads of government of the G7 rich countries are alphabetically advantaged (Berlusconi, Blair, Bush, Chirac, Chrétien and Koizumi). The world's three top central bankers (Greenspan, Duisenberg and Hayami) are all close to the top of the alphabet, even if one of them really uses Japanese characters. As are the world's five richest men (Gates, Buffett, Allen, Ellison and Albrecht).

Can this merely be coincidence? One theory, dreamt up in all the spare time enjoyed by the alphabetically disadvantaged, is that the rot sets in early. At the start of the first year in infant school, teachers seat pupils alphabetically from the front, to make it easier to remember their names. So short-sighted Zysman junior gets stuck in the back row, and is rarely asked the improving questions posed by those insensitive teachers. At the time the alphabetically disadvantaged may think they have had a lucky escape. Yet the result may be worse qualifications, because they get less individual attention, as well as less confidence in speaking publicly.

The humiliation continues. At university graduation ceremonies, the ABCs proudly get their awards first; by the time they reach the Zysmans most people are literally having a ZZZ. Shortlists for job interviews, election ballot papers, lists of conference speakers and attendees: all tend to be drawn up alphabetically, and their recipients lose interest as they plough through them.

26. What does the author intend to illustrate with AAAA cars and Zodiac cars?

- [A] A kind of overlooked inequality.
- [B] A type of conspicuous bias.
- [C] A type of personal prejudice.
- [D] A kind of brand discrimination.

27. What can we infer from the first three paragraphs?

- [A] In both East and West, names are essential to success.
- [B] The alphabet is to blame for the failure of Zoë Zysman.
- [C] Customers often pay a lot of attention to companies' names.
- [D] Some form of discrimination is too subtle to recognize.

28. The 4th paragraph suggests that _____.

- [A] questions are often put to the more intelligent students
- [B] alphabetically disadvantaged students often escape from class
- [C] teachers should pay attention to all of their students
- [D] students should be seated according to their eyesight

29. What does the author mean by "most people are literally having a ZZZ" (Lines 2-3, Paragraph 5)?

- [A] They are getting impatient.
- [B] They are noisily dozing off.
- [C] They are feeling humiliated.
- [D] They are busy with word puzzles.

30. Which of the following is true according to the text?

- [A] People with surnames beginning with N to Z are often ill-treated.
- [B] VIPs in the Western world gain a great deal from alphabetism.
- [C] The campaign to eliminate alphabetism still has a long way to go.
- [D] Putting things alphabetically may lead to unintentional bias.

Text 3

When it comes to the slowing economy, Ellen Spero isn't biting her nails just yet. But the 47-year-old manicurist isn't cutting, filing or polishing as many nails as she'd like to, either. Most of her clients spend \$12 to \$50 weekly, but last month two longtime customers suddenly stopped showing up. Spero blames the softening economy. "I'm a good economic indicator," she says. "I provide a service that people can do without when they're concerned about saving some dollars." So Spero is downscaling, shopping at middle-brow Dillard's department store near her suburban Cleveland home, instead of Neiman Marcus. "I don't know if other clients are going to abandon me, too," she says.

Even before Alan Greenspan's admission that America's red-hot economy is cooling, lots of working folks had already seen signs of the slowdown themselves. From car dealerships to Gap outlets, sales have been lagging for months as shoppers temper their spending. For retailers, who last year took in 24 percent of their revenue between Thanksgiving and Christmas, the cautious approach is coming at a crucial time. Already, experts say, holiday sales are off 7 percent from last year's pace. But don't sound any alarms just yet. Consumers seem only mildly concerned, not panicked, and many say they remain optimistic about the economy's long-term prospects even as they do some modest belt-tightening.

Consumers say they're not in despair because, despite the dreadful headlines, their own fortunes still feel pretty good. Home prices are holding steady in most regions. In Manhattan, "there's a new gold rush happening in the \$4 million to \$10 million range, predominantly fed by Wall Street bonuses," says broker Barbara Corcoran. In San Francisco, prices are still rising even as frenzied overbidding quiets. "Instead of 20 to 30 offers, now maybe you only get two or three," says John Tealdi, a Bay Area real-estate broker. And most folks still feel pretty comfortable about their ability to find and keep a job.

Many folks see silver linings to this slowdown. Potential home buyers would cheer for lower interest rates. Employers wouldn't mind a little fewer bubbles in the job market. Many consumers seem to have been influenced by stock-market swings, which investors now view as a necessary ingredient to a sustained boom. Diners might see an upside, too. Getting a table at Manhattan's hot new Alain Ducasse restaurant used to be impossible. Not anymore. For that, Greenspan & Co. may still be worth toasting.

31. By "Ellen Spero isn't biting her nails just yet" (Line 1, Paragraph 1), the author means_____.

- [A] Spero can hardly maintain her business. [B] Spero is too much engaged in her work.
[C] Spero has grown out of her bad habit. [D] Spero is not in a desperate situation.

32. How do the public feel about the current economic situation?

- [A] Optimistic. [B] Confused. [C] Carefree. [D] Panicked.

33. When mentioning "the \$4 million to \$10 million range"(Lines 3, Paragraph 3), the author is talking about _____

- [A] gold market. [B] real estate. [C] stock exchange. [D] venture investment.

34. Why can many people see "silver linings" to the economic slowdown?

- [A] They would benefit in certain ways. [B] The stock market shows signs of recovery.
[C] Such a slowdown usually precedes a boom. [D] The purchasing power would be enhanced.

35. To which of the following is the author likely to agree?

- [A] A new boom, on the horizon. [B] Tighten the belt, the single remedy.
[C] Caution all right, panic not. [D] The more ventures, the more chances.

Text 4

Americans today don't place a very high value on intellect. Our heroes are athletes, entertainers, and entrepreneurs, not scholars. Even our schools are where we send our children to get a practical education—not to pursue knowledge for the sake of knowledge. Symptoms of pervasive anti-intellectualism in our schools aren't difficult to find.

“Schools have always been in a society where practical is more important than intellectual,” says education writer Diane Ravitch. “Schools could be a counterbalance.” Ravitch's latest book, *Left Back: A Century of Failed School Reforms*, traces the roots of anti-intellectualism in our schools, concluding they are anything but a counterbalance to the American distaste for intellectual pursuits.

But they could and should be. Encouraging kids to reject the life of the mind leaves them vulnerable to exploitation and control. Without the ability to think critically, to defend their ideas and understand the ideas of others, they cannot fully participate in our democracy. Continuing along this path, says writer Earl Shorris, “We will become a second-rate country. We will have a less civil society.”

“Intellect is resented as a form of power or privilege,” writes historian and professor Richard Hofstadter in *Anti-intellectualism in American Life*, a Pulitzer-Prize winning book on the roots of anti-intellectualism in US politics, religion, and education. From the beginning of our history, says Hofstadter, our democratic and populist urges have driven us to reject anything that smells of elitism. Practicality, common sense, and native intelligence have been considered more noble qualities than anything you could learn from a book.

Ralph Waldo Emerson and other Transcendentalist philosophers thought schooling and rigorous book learning put unnatural restraints on children: “We are shut up in schools and college recitation rooms for 10 or 15 years and come out at last with a bellyful of words and do not know a thing.” Mark Twain's *Huckleberry Finn* exemplified American anti-intellectualism. Its hero avoids being civilized—going to school and learning to read—so he can preserve his innate goodness.

Intellect, according to Hofstadter, is different from native intelligence, a quality we reluctantly admire. Intellect is the critical, creative, and contemplative side of the mind. Intelligence seeks to grasp, manipulate, re-order, and adjust, while intellect examines, ponders, wonders, theorizes, criticizes, and imagines.

School remains a place where intellect is mistrusted. Hofstadter says our country's educational system is in the grips of people who “joyfully and militantly proclaim their hostility to intellect and their eagerness to identify with children who show the least intellectual promise.”

36. What do American parents expect their children to acquire in school?

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|--|--|
| [A] The habit of thinking independently. | [B] Profound knowledge of the world. |
| [C] Practical abilities for future career. | [D] The confidence in intellectual pursuits. |

37. We can learn from the text that Americans have a history of_____.

- | | |
|-------------------------------|--------------------------------------|
| [A] undervaluing intellect. | [B] favoring intellectualism. |
| [C] supporting school reform. | [D] suppressing native intelligence. |

38. The views of Ravitch and Emerson on schooling are _____.

- | | | | |
|----------------|--------------|--------------------|---------------|
| [A] identical. | [B] similar. | [C] complementary. | [D] opposite. |
|----------------|--------------|--------------------|---------------|

39. Emerson, according to the text, is probably _____.

- | | |
|--------------------------------------|---------------------------------------|
| [A] a pioneer of education reform. | [B] an opponent of intellectualism. |
| [C] a scholar in favor of intellect. | [D] an advocate of regular schooling. |

40. What does the author think of intellect?

- | | |
|-----------------------------------|-----------------------------------|
| [A] It is second to intelligence. | [B] It evolves from common sense. |
| [C] It is to be pursued. | [D] It underlies power |

Part B

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)

The relation of language and mind has interested philosophers for many centuries. (41) The Greeks assumed that the structure of language had some connection with the process of thought, which took root in Europe long before

people realized how diverse languages could be.

Only recently did linguists begin the serious study of languages that were very different from their own. Two anthropologist-linguists, Franz Boas and Edward Sapir, were pioneers in describing many native languages of North and South America during the first half of the twentieth century. (42) We are obliged to them because some of these languages have since vanished, as the peoples who spoke them died out or became assimilated and lost their native languages. Other linguists in the earlier part of this century, however, who were less eager to deal with bizarre data from “exotic” language, were not always so grateful. (43) The newly described languages were often so strikingly different from the well studied languages of Europe and Southeast Asia that some scholars even accused Boas and Sapir of fabricating their data. Native American languages are indeed different, so much so in fact that Navajo could be used by the US military as a code during World War II to send secret messages.

Sapir’s pupil, Benjamin Lee Whorf, continued the study of American Indian languages. (44) Being interested in the relationship of language and thought, Whorf developed the idea that the structure of language determines the structure of habitual thought in a society. He reasoned that because it is easier to formulate certain concepts and not others in a given language, the speakers of that language think along one track and not along another. (45) Whorf came to believe in a sort of linguistic determinism which, in its strongest form, states that language imprisons the mind, and that the grammatical patterns in a language can produce far-reaching consequences for the culture of a society. Later, this idea became to be known as the Sapir-Whorf hypothesis, but this term is somewhat inappropriate. Although both Sapir and Whorf emphasized the diversity of languages, Sapir himself never explicitly supported the notion of linguistic determinism.

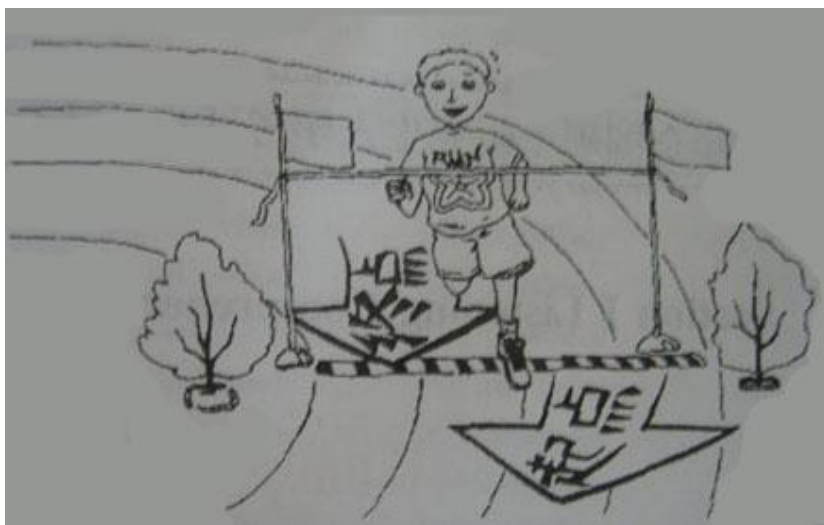
Section III Writing

46. Directions:

Study the following drawing carefully and write an essay in which you should

1. describe the drawing,
2. interpret its meaning, and
3. support your view with examples.

You should write about 200 words neatly on ANSWER SHEET 2 (20 points)



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Section I 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 1. (10 points)

Teachers need to be aware of the emotional, intellectual, and physical changes that young adults experience. And they also need to give serious 1 to how they can best 2 such changes. Growing bodies need movement and 3, but not just in ways that emphasize competition. 4 they are adjusting to their new bodies and a whole host of new intellectual and emotional challenges, teenagers are especially self-conscious and need the 5 that comes from achieving success and knowing that their accomplishments are 6 by others. However, the typical teenage lifestyle is already filled with so much competition that it would be 7 to plan activities in which there are more winners than losers, 8, publishing newsletters with many student-written book reviews, 9 student artwork, and sponsoring book discussion clubs. A variety of small clubs can provide 10 opportunities for leadership, as well as for practice in successful 11 dynamics. Making friends is extremely important to teenagers, and many shy students need the 12 of some kind of organization with a supportive adult 13 visible in the background.

In these activities, it is important to remember that the young teens have 14 attention spans. A variety of activities should be organized 15 participants can remain active as long as they want and then go on to 16 else without feeling guilty and without letting the other participants 17. This does not mean that adults must accept irresponsibility. 18 they can help students acquire a sense of commitment by 19 for roles that are within their 20 and their attention spans and by having clearly stated rules.

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|-------------------------|--------------------|------------------|-----------------------|
| 1. [A] thought | [B] idea | [C] opinion | [D] advice |
| 2. [A] strengthen | [B] accommodate | [C] stimulate | [D] enhance |
| 3. [A] care | [B] nutrition | [C] exercise | [D] leisure |
| 4. [A] If | [B] Although | [C] Whereas | [D] Because |
| 5. [A] assistance | [B] guidance | [C] confidence | [D] tolerance |
| 6. [A] claimed | [B] admired | [C] ignored | [D] surpassed |
| 7. [A] improper | [B] risky | [C] fair | [D] wise |
| 8. [A] in effect | [B] as a result | [C] for example | [D] in a sense |
| 9. [A] displaying | [B] describing | [C] creating | [D] exchanging |
| 10. [A] durable | [B] excessive | [C] surplus | [D] multiple |
| 11. [A] group | [B] individual | [C] personnel | [D] corporation |
| 12. [A] consent | [B] insurance | [C] admission | [D] security |
| 13. [A] particularly | [B] barely | [C] definitely | [D] rarely |
| 14. [A] similar | [B] long | [C] different | [D] short |
| 15. [A] if only | [B] now that | [C] so that | [D] even if |
| 16. [A] everything | [B] anything | [C] nothing | [D] something |
| 17. [A] off | [B] down | [C] out | [D] alone |
| 18. [A] On the contrary | [B] On the average | [C] On the whole | [D] On the other hand |
| 19. [A] making | [B] standing | [C] planning | [D] taking |
| 20. [A] capability | [B] responsibility | [C] proficiency | [D] efficiency |

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 1. (40 points)

Text 1

Wild Bill Donovan would have loved the Internet. The American spymaster who built the Office of Strategic Services in the World War II and later laid the roots for the CIA was fascinated with information. Donovan believed in using whatever tools came to hand in the “great game” of espionage—spying as a “profession.” These days the Net, which has already re-made such everyday pastimes as buying books and sending mail, is reshaping Donovan’s vocation as well.

The latest revolution isn’t simply a matter of gentlemen reading other gentlemen’s e-mail. That kind of electronic spying has been going on for decades. In the past three or four years, the World Wide Web has given birth to a whole industry of point-and-click spying. The spooks call it “open source intelligence,” and as the Net grows, it is becoming increasingly influential. In 1995 the CIA held a contest to see who could compile the most data about Burundi. The winner, by a large margin, was a tiny Virginia company called Open-Source Solutions, whose clear advantage was its mastery of the electronic world.

Among the firms making the biggest splash in the new world is Straitford, Inc., a private intelligence-analysis firm based in Austin, Texas. Straitford makes money by selling the results of spying (covering nations from Chile to Russia) to corporations like energy-services firm McDermott International. Many of its predictions are available online at .

Straitford president George Friedman says he sees the online world as a kind of mutually reinforcing tool for both information collection and distribution, a spymaster’s dream. Last week his firm was busy vacuuming up data bits from the far corners of the world and predicting a crisis in Ukraine. “As soon as that report runs, we’ll suddenly get 500 new internet sign-ups from Ukraine,” says Friedman, a former political science professor. “And we’ll hear back from some of them.” Open-source spying does have its risks, of course, since it can be difficult to tell good information from bad. That’s where Straitford earns its keep.

Friedman relies on a lean staff of 20 in Austin. Several of his staff members have military-intelligence backgrounds. He sees the firm’s outsider status as the key to its success. Straitford’s briefs don’t sound like the usual Washington back-and-forthing, whereby agencies avoid dramatic declarations on the chance they might be wrong. Straitford, says Friedman, takes pride in its independent voice.

21. The emergence of the Net has _____.
[A] received support from fans like Donovan [B] remolded the intelligence services
[C] restored many common pastimes [D] revived spying as a profession
22. Donovan’s story is mentioned in the text to _____.
[A] introduce the topic of online spying [B] show how he fought for the US
[C] give an episode of the information war [D] honor his unique services to the CIA
23. The phrase “making the biggest splash” (line 1, paragraph 3) most probably means _____.
[A] causing the biggest trouble [B] exerting the greatest effort
[C] achieving the greatest success [D] enjoying the widest popularity
24. It can be learned from paragraph 4 that _____.
[A] Straitford’s prediction about Ukraine has proved true
[B] Straitford guarantees the truthfulness of its information
[C] Straitford’s business is characterized by unpredictability
[D] Straitford is able to provide fairly reliable information
25. Straitford is most proud of its _____.
[A] official status [B] nonconformist image
[C] efficient staff [D] military background

Text 2

To paraphrase 18th-century statesman Edmund Burke, “all that is needed for the triumph of a misguided cause is that good people do nothing.” One such cause now seeks to end biomedical research because of the theory that animals have rights ruling out their use in research. Scientists need to respond forcefully to animal rights advocates,

whose arguments are confusing the public and thereby threatening advances in health knowledge and care. Leaders of the animal rights movement target biomedical research because it depends on public funding, and few people understand the process of health care research. Hearing allegations of cruelty to animals in research settings, many are perplexed that anyone would deliberately harm an animal.

For example, a grandmotherly woman staffing an animal rights booth at a recent street fair was distributing a brochure that encouraged readers not to use anything that comes from or is tested in animals—no meat, no fur, no medicines. Asked if she opposed immunizations, she wanted to know if vaccines come from animal research. When assured that they do, she replied, “Then I would have to say yes.” Asked what will happen when epidemics return, she said, “Don’t worry, scientists will find some way of using computers.” Such well-meaning people just don’t understand.

Scientists must communicate their message to the public in a compassionate, understandable way—in human terms, not in the language of molecular biology. We need to make clear the connection between animal research and a grandmother’s hip replacement, a father’s bypass operation, a baby’s vaccinations, and even a pet’s shots. To those who are unaware that animal research was needed to produce these treatments, as well as new treatments and vaccines, animal research seems wasteful at best and cruel at worst.

Much can be done. Scientists could “adopt” middle school classes and present their own research. They should be quick to respond to letters to the editor, lest animal rights misinformation go unchallenged and acquire a deceptive appearance of truth. Research institutions could be opened to tours, to show that laboratory animals receive humane care. Finally, because the ultimate stakeholders are patients, the health research community should actively recruit to its cause not only well-known personalities such as Stephen Cooper, who has made courageous statements about the value of animal research, but all who receive medical treatment. If good people do nothing, there is a real possibility that an uninformed citizenry will extinguish the precious embers of medical progress.

26. The author begins his article with Edmund Burke’s words to_____.

- | | |
|---|--|
| [A] call on scientists to take some actions | [B] criticize the misguided cause of animal rights |
| [C] warn of the doom of biomedical research | [D] show the triumph of the animal rights movement |

27. Misled people tend to think that using an animal in research is_____.

- | | |
|----------------------------|------------------------------|
| [A] cruel but natural | [B] inhuman and unacceptable |
| [C] inevitable but vicious | [D] pointless and wasteful |

28. The example of the grandmotherly woman is used to show the public’s_____.

- | | |
|-------------------------------------|-------------------------------------|
| [A] discontent with animal research | [B] ignorance about medical science |
| [C] indifference to epidemics | [D] anxiety about animal rights |

29. The author believes that, in face of the challenge from animal rights advocates, scientists should_____.

- | | |
|--------------------------------------|--------------------------------------|
| [A] communicate more with the public | [B] employ hi-tech means in research |
| [C] feel no shame for their cause | [D] strive to develop new cures |

30. From the text we learn that Stephen Cooper is_____.

- | | |
|------------------------------------|------------------------------------|
| [A] a well-known humanist | [B] a medical practitioner |
| [C] an enthusiast in animal rights | [D] a supporter of animal research |

Text 3

In recent years, railroads have been combining with each other, merging into supersystems, causing heightened concerns about monopoly. As recently as 1995, the top four railroads accounted for under 70 percent of the total ton-miles moved by rails. Next year, after a series of mergers is completed, just four railroads will control well over 90 percent of all the freight moved by major rail carriers.

Supporters of the new supersystems argue that these mergers will allow for substantial cost reductions and better coordinated service. Any threat of monopoly, they argue, is removed by fierce competition from trucks. But many shippers complain that for heavy bulk commodities traveling long distances, such as coal, chemicals, and grain, trucking is too costly and the railroads therefore have them by the throat.

The vast consolidation within the rail industry means that most shippers are served by only one rail company. Railroads typically charge such “captive” shippers 20 to 30 percent more than they do when another railroad is competing for the business. Shippers who feel they are being overcharged have the right to appeal to the federal government's Surface Transportation Board for rate relief, but the process is expensive, time consuming, and will work only in truly extreme cases.

Railroads justify rate discrimination against captive shippers on the grounds that in the long run it reduces everyone's cost. If railroads charged all customers the same average rate, they argue, shippers who have the option of switching to trucks or other forms of transportation would do so, leaving remaining customers to shoulder the cost of keeping up the line. It's theory to which many economists subscribe, but in practice it often leaves railroads in the position of determining which companies will flourish and which will fail. “Do we really want railroads to be the arbiters of who wins and who loses in the marketplace?” asks Martin Bercovici, a Washington lawyer who frequently represents shipper.

Many captive shippers also worry they will soon be hit with a round of huge rate increases. The railroad industry as a whole, despite its brightening fortuning fortunes, still does not earn enough to cover the cost of the capital it must invest to keep up with its surging traffic. Yet railroads continue to borrow billions to acquire one another, with Wall Street cheering them on. Consider the \$10.2 billion bid by Norfolk Southern and CSX to acquire Conrail this year. Conrail's net railway operating income in 1996 was just \$427 million, less than half of the carrying costs of the transaction. Who's going to pay for the rest of the bill? Many captive shippers fear that they will, as Norfolk Southern and CSX increase their grip on the market.

31. According to those who support mergers, railway monopoly is unlikely because ____ .
[A] cost reduction is based on competition. [B] services call for cross-trade coordination.
[C] outside competitors will continue to exist. [D] shippers will have the railway by the throat.
32. What is many captive shippers' attitude towards the consolidation in the rail industry?
[A] Indifferent. [B] Supportive. [C] Indignant. [D] Apprehensive.
33. It can be inferred from paragraph 3 that ____ .
[A] shippers will be charged less without a rival railroad.
[B] there will soon be only one railroad company nationwide.
[C] overcharged shippers are unlikely to appeal for rate relief.
[D] a government board ensures fair play in railway business.
34. The word “arbiters”(line 7, paragraph 4) most probably refers to those ____ .
[A] who work as coordinators. [B] who function as judges.
[C] who supervise transactions. [D] who determine the price.
35. According to the text, the cost increase in the rail industry is mainly caused by ____ .
[A] the continuing acquisition. [B] the growing traffic.
[C] the cheering Wall Street. [D] the shrinking market.

Text 4

It is said that in England death is pressing, in Canada inevitable and in California optional. Small wonder. Americans' life expectancy has nearly doubled over the past century. Failing hips can be replaced, clinical depression controlled, cataracts removed in a 30-minute surgical procedure. Such advances offer the aging population a quality of life that was unimaginable when I entered medicine 50 years ago. But not even a great health-care system can cure death—and our failure to confront that reality now threatens this greatness of ours.

Death is normal; we are genetically programmed to disintegrate and perish, even under ideal conditions. We all understand that at some level, yet as medical consumers we treat death as a problem to be solved. Shielded by third-party payers from the cost of our care, we demand everything that can possibly be done for us, even if it's useless. The most obvious example is late-stage cancer care. Physicians—frustrated by their inability to cure the disease and fearing loss of hope in the patient—too often offer aggressive treatment far beyond what is scientifically justified.

In 1950, the US spent \$12.7 billion on health care. In 2002, the cost will be \$1,540 billion. Anyone can see this trend is unsustainable. Yet few seem willing to try to reverse it. Some scholars conclude that a government with finite resources should simply stop paying for medical care that sustains life beyond a certain age—say 83 or so. Former Colorado governor Richard Lamm has been quoted as saying that the old and infirm “have a duty to die and get out of the way”, so that younger, healthier people can realize their potential.

I would not go that far. Energetic people now routinely work through their 60s and beyond, and remain dazzlingly productive. At 78, Viacom chairman Sumner Redstone jokingly claims to be 53. Supreme Court Justice Sandra Day O'Connor is in her 70s, and former surgeon general C. Everett Koop chairs an Internet start-up in his 80s. These leaders are living proof that prevention works and that we can manage the health problems that come naturally with age. As a mere 68-year-old, I wish to age as productively as they have.

Yet there are limits to what a society can spend in this pursuit. As a physician, I know the most costly and dramatic measures may be ineffective and painful. I also know that people in Japan and Sweden, countries that spend far less on medical care, have achieved longer, healthier lives than we have. As a nation, we may be overfunding the quest for unlikely cures while underfunding research on humbler therapies that could improve people's lives.

36. What is implied in the first sentence?

- [A] Americans are better prepared for death than other people.
- [B] Americans enjoy a higher life quality than ever before.
- [C] Americans are over-confident of their medical technology.
- [D] Americans take a vain pride in their long life expectancy.

37. The author uses the example of cancer patients to show that_____.

- [A] medical resources are often wasted
- [B] doctors are helpless against fatal diseases
- [C] some treatments are too aggressive
- [D] medical costs are becoming unaffordable

38. The author's attitude toward Richard Lamm's remark is one of.

- [A] strong disapproval
- [B] reserved consent
- [C] slight contempt
- [D] enthusiastic support

39. In contrast to the US, Japan and Sweden are funding their medical care.

- [A] more flexibly
- [B] more extravagantly
- [C] more cautiously
- [D] more reasonably

40. The text intends to express the idea that.

- [A] medicine will further prolong people's lives
- [B] life beyond a certain limit is not worth living
- [C] death should be accepted as a fact of life
- [D] excessive demands increase the cost of health care

Part B

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)

Human beings in all times and places think about their world and wonder at their place in it. Humans are thoughtful and creative, possessed of insatiable curiosity. (41) Furthermore, humans have the ability to modify the environment in which they live, thus subjecting all other life forms to their own peculiar ideas and fancies. Therefore, it is important to study humans in all their richness and diversity in a calm and systematic manner, with the hope that the knowledge resulting from such studies can lead humans to a more harmonious way of living with themselves and with all other life forms on this planet Earth.

“Anthropology” derives from the Greek words *anthropos* “human” and *logos* “the study of.” By its very name,

anthropology encompasses the study of all humankind.

Anthropology is one of the social sciences. (42) Social science is that branch of intellectual enquiry which seeks to study humans and their endeavors in the same reasoned, orderly, systematic, and dispassioned manner that natural scientists use for the study of natural phenomena.

Social science disciplines include geography, economics, political, science, psychology, and sociology. Each of these social sciences has a subfield or specialization which lies particularly close to anthropology.

All the social sciences focus upon the study of humanity. Anthropology is a field-study oriented discipline which makes extensive use of the comparative method in analysis. (43) The emphasis on data gathered first-hand, combined with a cross-cultural perspective brought to the analysis of cultures past and present, makes this study a unique and distinctly important social science.

Anthropological analyses rest heavily upon the concept of culture. Sir Edward Tylor's formulation of the concept of culture was one of the great intellectual achievements of 19th century science. (44) Tylor defined culture as "...that complex whole which includes belief, art, morals, law, custom, and any other capabilities and habits acquired by man as a member of society." This insight, so profound in its simplicity, opened up an entirely new way of perceiving and understanding human life. Implicit within Tylor's definition is the concept that culture is learned, shared, and patterned behavior.

(45) Thus, the anthropological concept of "culture," like the concept of "set" in mathematics, is an abstract concept which makes possible immense amounts of concrete research and understanding.

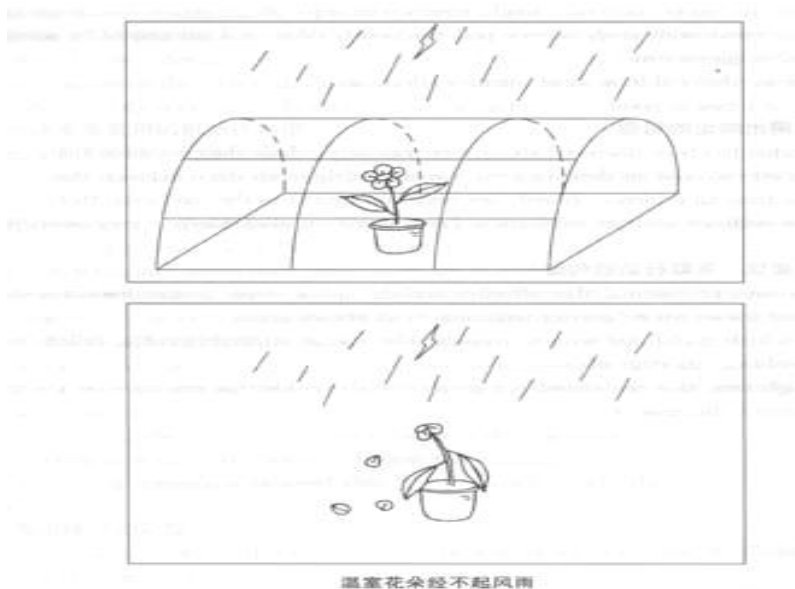
Section III Writing

46. Directions:

Study the following set of drawings carefully and write an essay entitled in which you should

- 1) describe the set of drawings, interpret its meaning, and
- 2) point out its implications in our life.

You should write about 200 words neatly on ANSWER SHEET 2. (20 points)



2002 年全国攻读硕士学位研究生入学考试英语试题

Section I 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 1. (10 points)

Comparisons were drawn between the development of television in the 20th century and the diffusion of printing in the 15th and 16th centuries. Yet much had happened 1. As was discussed before, it was not 2 the 19th century that the newspaper became the dominant pre-electronic 3, following in the wake of the pamphlet and the book and in the 4 of the periodical. It was during the same time that the communications revolution 5 up, beginning with transport, the railway, and leading 6 through the telegraph, the telephone, radio, and motion pictures 7 the 20th century world of the motor car and the air plane. Not everyone sees that Process in 8. It is important to do so.

It is generally recognized, 9, that the introduction of the computer in the early 20th century, 10 by the invention of the integrated circuit during the 1960s, radically changed the process, 11 its impact on the media was not immediately 12. As time went by, computers became smaller and more powerful, and they became “personal” too, as well as 13, with display becoming sharper and storage 14 increasing. They were thought of, like people, 15 generations, with the distance between generations much 16.

It was within the computer age that the term “information society” began to be widely used to describe the 17 within which we now live. The communications revolution has 18 both work and leisure and how we think and feel both about place and time, but there have been 19 view about its economic, political, social and cultural implications. “Benefits” have been weighed 20 “harmful” outcomes. And generalizations have proved difficult.

- | | | | |
|-----------------------|-------------------|--------------------|-------------------|
| 1. [A] between | [B] before | [C] since | [D] later |
| 2. [A] after | [B] by | [C] during | [D] until |
| 3. [A] means | [B] method | [C] medium | [D] measure |
| 4. [A] process | [B] company | [C] light | [D] form |
| 5. [A] gathered | [B] speeded | [C] worked | [D] picked |
| 6. [A] on | [B] out | [C] over | [D] off |
| 7. [A] of | [B] for | [C] beyond | [D] into |
| 8. [A] concept | [B] dimension | [C] effect | [D] perspective |
| 9. [A] indeed | [B] hence | [C] however | [D] therefore |
| 10. [A] brought | [B] followed | [C] stimulated | [D] characterized |
| 11. [A] unless | [B] since | [C] lest | [D] although |
| 12. [A] apparent | [B] desirable | [C] negative | [D] plausible |
| 13. [A] institutional | [B] universal | [C] fundamental | [D] instrumental |
| 14. [A] ability | [B] capability | [C] capacity | [D] faculty |
| 15. [A] by means of | [B] in terms of | [C] with regard to | [D] in line with |
| 16. [A] deeper | [B] fewer | [C] nearer | [D] smaller |
| 17. [A] context | [B] range | [C] scope | [D] territory |
| 18. [A] regarded | [B] impressed | [C] influenced | [D] effected |
| 19. [A] competitive | [B] controversial | [C] distracting | [D] irrational |
| 20. [A] above | [B] upon | [C] against | [D] with |

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 1. (40 points)

Text 1

If you intend using humor in your talk to make people smile, you must know how to identify shared experiences and problems. Your humor must be relevant to the audience and should help to show them that you are one of them or that you understand their situation and are in sympathy with their point of view. Depending on whom you are addressing, the problems will be different. If you are talking to a group of managers, you may refer to the disorganized methods of their secretaries; alternatively if you are addressing secretaries, you may want to comment on their disorganized bosses.

Here is an example, which I heard at a nurses' convention, of a story which works well because the audience all shared the same view of doctors. A man arrives in heaven and is being shown around by St. Peter. He sees wonderful accommodations, beautiful gardens, sunny weather, and so on. Everyone is very peaceful, polite and friendly until, waiting in a line for lunch, the new arrival is suddenly pushed aside by a man in a white coat, who rushes to the head of the line, grabs his food and stomps over to a table by himself. "Who is that?" the new arrival asked St. Peter. "Oh, that's God," came the reply, "but sometimes he thinks he's a doctor."

If you are part of the group which you are addressing, you will be in a position to know the experiences and problems which are common to all of you and it'll be appropriate for you to make a passing remark about the inedible canteen food or the chairman's notorious bad taste in ties. With other audiences you mustn't attempt to cut in with humor as they will resent an outsider making disparaging remarks about their canteen or their chairman. You will be on safer ground if you stick to scapegoats like the Post Office or the telephone system.

If you feel awkward being humorous, you must practice so that it becomes more natural. Include a few casual and apparently off-the-cuff remarks which you can deliver in a relaxed and unforced manner. Often it's the delivery which causes the audience to smile, so speak slowly and remember that a raised eyebrow or an unbelieving look may help to show that you are making a light-hearted remark.

Look for the humor. It often comes from the unexpected. A twist on a familiar quote "If at first you don't succeed, give up" or a play on words or on a situation. Search for exaggeration and understatement. Look at your talk and pick out a few words or sentences which you can turn about and inject with humor.

21. To make your humor work, you should_____.

- [A] take advantage of different kinds of audience [B] make fun of the disorganized people
[C] address different problems to different people [D] show sympathy for your listeners

22. The joke about doctors implies that, in the eyes of nurses, they are_____.

- [A] impolite to new arrivals [B] very conscious of their godlike role
[C] entitled to some privileges [D] very busy even during lunch hours

23. It can be inferred from the text that public services_____.

- [A] have benefited many people [B] are the focus of public attention
[C] are an inappropriate subject for humor [D] have often been the laughing stock

24. To achieve the desired result, humorous stories should be delivered_____.

- [A] in well-worded language [B] as awkwardly as possible
[C] in exaggerated statements [D] as casually as possible

25. The best title for the text may be_____.

- [A] Use Humor Effectively [B] Various Kinds of Humor
[C] Add Humor to Speech [D] Different Humor Strategies

Text 2

Since the dawn of human ingenuity, people have devised ever more cunning tools to cope with work that is dangerous, boring, burdensome, or just plain nasty. That compulsion has resulted in robotics—the science of conferring various human capabilities on machines. And if scientists have yet to create the mechanical version of science fiction, they have begun to come close.

As a result, the modern world is increasingly populated by intelligent gizmos whose presence we barely notice but whose universal existence has removed much human labor. Our factories hum to the rhythm of robot assembly arms. Our banking is done at automated teller terminals that thank us with mechanical politeness for the transaction. Our subway trains are controlled by tireless robot-drivers. And thanks to the continual miniaturization of electronics and micro-mechanics, there are already robot systems that can perform some kinds of brain and bone surgery with submillimeter accuracy—far greater precision than highly skilled physicians can achieve with their hands alone.

But if robots are to reach the next stage of laborsaving utility, they will have to operate with less human supervision and be able to make at least a few decisions for themselves—goals that pose a real challenge. “While we know how to tell a robot to handle a specific error,” says Dave Lavery, manager of a robotics program at NASA, “we can’t yet give a robot enough ‘common sense’ to reliably interact with a dynamic world.”

Indeed the quest for true artificial intelligence has produced very mixed results. Despite a spell of initial optimism in the 1960s and 1970s when it appeared that transistor circuits and microprocessors might be able to copy the action of the human brain by the year 2010, researchers lately have begun to extend that forecast by decades if not centuries.

What they found, in attempting to model thought, is that the human brain's roughly one hundred billion nerve cells are much more talented—and human perception far more complicated—than previously imagined. They have built robots that can recognize the error of a machine panel by a fraction of a millimeter in a controlled factory environment. But the human mind can glimpse a rapidly changing scene and immediately disregard the 98 percent that is irrelevant, instantaneously focusing on the monkey at the side of a winding forest road or the single suspicious face in a big crowd. The most advanced computer systems on Earth can't approach that kind of ability, and neuroscientists still don't know quite how we do it.

26. Human ingenuity was initially demonstrated in_____ .

- [A] the use of machines to produce science fiction.
- [B] the wide use of machines in manufacturing industry.
- [C] the invention of tools for difficult and dangerous work.
- [D] the elite's cunning tackling of dangerous and boring work.

27. The word “gizmos” (line 1, paragraph 2) most probably means_____.

- [A] programs [B] experts [C] devices [D] creatures

28. According to the text, what is beyond man's ability now is to design a robot that can_____.

- [A] fulfill delicate tasks like performing brain surgery.
- [B] interact with human beings verbally.
- [C] have a little common sense.
- [D] respond independently to a changing world.

29. Besides reducing human labor, robots can also_____.

- [A] make a few decisions for themselves.
- [B] deal with some errors with human intervention.
- [C] improve factory environments.
- [D] cultivate human creativity.

30. The author uses the example of a monkey to argue that robots are_____.

- [A] expected to copy human brain in internal structure.
- [B] able to perceive abnormalities immediately.
- [C] far less able than human brain in focusing on relevant information.
- [D] best used in a controlled environment.

Text 3

Could the bad old days of economic decline be about to return? Since OPEC agreed to supply-cuts in March, the price of crude oil has jumped to almost \$26 a barrel, up from less than \$10 last December. This near-tripling of oil prices calls up scary memories of the 1973 oil shock, when prices quadrupled, and 1979-1980, when they also almost tripled. Both previous shocks resulted in double-digit inflation and global economic decline. So where are the headlines warning of gloom and doom this time?

The oil price was given another push up this week when Iraq suspended oil exports. Strengthening economic growth, at the same time as winter grips the northern hemisphere, could push the price higher still in the short term.

Yet there are good reasons to expect the economic consequences now to be less severe than in the 1970s. In most countries the cost of crude oil now accounts for a smaller share of the price of petrol than it did in the 1970s. In Europe, taxes account for up to four-fifths of the retail price, so even quite big changes in the price of crude have a more muted effect on pump prices than in the past.

Rich economies are also less dependent on oil than they were, and so less sensitive to swings in the oil price. Energy conservation, a shift to other fuels and a decline in the importance of heavy, energy-intensive industries have reduced oil consumption. Software, consultancy and mobile telephones use far less oil than steel or car production. For each dollar of GDP (in constant prices) rich economies now use nearly 50% less oil than in 1973. The OECD estimates in its latest Economic Outlook that, if oil prices averaged \$22 a barrel for a full year, compared with \$13 in 1998, this would increase the oil import bill in rich economies by only 0.25-0.5% of GDP. That is less than one-quarter of the income loss in 1974 or 1980. On the other hand, oil-importing emerging economies—to which heavy industry has shifted—have become more energy-intensive, and so could be more seriously squeezed.

One more reason not to lose sleep over the rise in oil prices is that, unlike the rises in the 1970s, it has not occurred against the background of general commodity-price inflation and global excess demand. A sizable portion of the world is only just emerging from economic decline. The Economist's commodity price index is broadly unchanging from a year ago. In 1973 commodity prices jumped by 70%, and in 1979 by almost 30%.

31. The main reason for the latest rise of oil price is _____.
[A] global inflation. [B] reduction in supply.
[C] fast growth in economy. [D] Iraq's suspension of exports.
32. It can be inferred from the text that the retail price of petrol will go up dramatically if _____.
[A] price of crude rises. [B] commodity prices rise.
[C] consumption rises. [D] oil taxes rise.
33. The estimates in Economic Outlook show that in rich countries _____.
[A] heavy industry becomes more energy-intensive.
[B] income loss mainly results from fluctuating crude oil prices.
[C] manufacturing industry has been seriously squeezed.
[D] oil price changes have no significant impact on GDP.
34. We can draw a conclusion from the text that _____.
[A] oil-price shocks are less shocking now.
[B] inflation seems irrelevant to oil-price shocks.
[C] energy conservation can keep down the oil prices.
[D] the price rise of crude leads to the shrinking of heavy industry.
35. From the text we can see that the writer seems _____.
[A] optimistic. [B] sensitive. [C] gloomy. [D] scared.

Text 4

The Supreme Court's decisions on physician-assisted suicide carry important implications for how medicine seeks to relieve dying patients of pain and suffering.

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Although it ruled that there is no constitutional right to physician-assisted suicide, the Court in effect supported the medical principle of “double effect”, a centuries-old moral principle holding that an action having two effects—a good one that is intended and a harmful one that is foreseen—is permissible if the actor intends only the good effect.

Doctors have used that principle in recent years to justify using high doses of morphine to control terminally ill patients’ pain, even though increasing dosages will eventually kill the patient.

Nancy Dubler, director of Montefiore Medical Center, contends that the principle will shield doctors who “until now have very, very strongly insisted that they could not give patients sufficient medication to control their pain if that might hasten death”.

George Annas, chair of the health law department at Boston University, maintains that, as long as a doctor prescribes a drug for a legitimate medical purpose, the doctor has done nothing illegal even if the patient uses the drug to hasten death. “It’s like surgery,” he says. “We don’t call those deaths homicides because the doctors didn’t intend to kill their patients, although they risked their death. If you’re a physician, you can *risk* your patient’s suicide as long as you don’t *intend* their suicide.”

On another level, many in the medical community acknowledge that the assisted-suicide debate has been fueled in part by the despair of patients for whom modern medicine has prolonged the physical agony of dying.

Just three weeks before the Court’s ruling on physician-assisted suicide, the National Academy of Science (NAS) released a two-volume report, *Approaching Death: Improving Care at the End of Life*. It identifies the undertreatment of pain and the aggressive use of “ineffectual and forced medical procedures that may prolong and even dishonor the period of dying” as the twin problems of end-of-life care.

The profession is taking steps to require young doctors to train in hospices, to test knowledge of aggressive pain management therapies, to develop a Medicare billing code for hospital-based care, and to develop new standards for assessing and treating pain at the end of life.

Annas says lawyers can play a key role in insisting that these well-meaning medical initiatives translate into better care. “Large numbers of physicians seem unconcerned with the pain their patients are needlessly and predictably suffering”, to the extent that it constitutes “systematic patient abuse”. He says medical licensing boards “must make it clear...that painful deaths are presumptively ones that are incompetently managed and should result in license suspension”.

36. From the first three paragraphs, we learn that_____.

- [A] doctors used to increase drug dosages to control their patients’ pain
- [B] it is still illegal for doctors to help the dying end their lives
- [C] the Supreme Court strongly opposes physician-assisted suicide
- [D] patients have no constitutional right to commit suicide

37. Which of the following statements is true according to the text?

- [A] Doctors will be held guilty if they risk their patients’ death.
- [B] Modern medicine has assisted terminally ill patients in painless recovery.
- [C] The Court ruled that high-dosage pain-relieving medication can be prescribed.
- [D] A doctor’s medication is no longer justified by his intentions.

38. According to the NAS’s report, one of the problems in end-of-life care is_____.

- [A] prolonged medical procedures
- [B] inadequate treatment of pain
- [C] systematic drug abuse
- [D] insufficient hospital care

39. Which of the following best defines the word “aggressive” (line 4, paragraph 7)?

- [A] Bold.
- [B] Harmful.
- [C] Careless.
- [D] Desperate

40. George Annas would probably agree that doctors should be punished if they_____.

- [A] manage their patients incompetently
- [B] give patients more medicine than needed
- [C] reduce drug dosages for their patients
- [D] prolong the needless suffering of the patients

Part B

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)

Almost all our major problems involve human behavior, and they cannot be solved by physical and biological technology alone. What is needed is a technology of behavior, but we have been slow to develop the science from which such a technology might be drawn. (41) One difficulty is that almost all of what is called behavioral science continues to trace behavior to states of mind, feelings, traits of character, human nature, and so on. Physics and biology once followed similar practices and advanced only when they discarded them. (42) The behavioral sciences have been slow to change partly because the explanatory items often seem to be directly observed and partly because other kinds of explanations have been hard to find. The environment is obviously important, but its role has remained obscure. It does not push or pull, it *selects*, and this function is difficult to discover and analyze. (43) The role of natural selection in evolution was formulated only a little more than a hundred years ago, and the selective role of the environment in shaping and maintaining the behavior of the individual is only beginning to be recognized and studied. As the interaction between organism and environment has come to be understood, however, effects once assigned to states of mind, feelings, and traits are beginning to be traced to accessible conditions, and a technology of behavior may therefore become available. It will not solve our problems, however, until it replaces traditional prescientific views, and these are strongly entrenched. Freedom and dignity illustrate the difficulty. (44) They are the possessions of the autonomous (self-governing) man of traditional theory, and they are essential to practices in which a person is held responsible for his conduct and given credit for his achievements. A scientific analysis shifts both the responsibility and the achievement to the environment. It also raises questions concerning "values". Who will use a technology and to what ends? (45) Until these issues are resolved, a technology of behavior will continue to be rejected, and with it possibly the only way to solve our problems.

Section III Writing

46. Directions:

Study the following picture carefully and write an essay entitled "Cultures National and International".

In the essay you should

1. describe the picture and interpret its meaning, and
2. give your comment on the phenomenon.

You should write about 200 words neatly on ANSWER SHEET 2. (20 points)



An American girl in traditional Chinese costume (服装)

2001 年全国攻读硕士学位研究生入学考试英语试题

Part I Cloze Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C] and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (10 points)

The government is to ban payments to witnesses by newspapers seeking to buy up people involved in prominent cases 1 the trial of Rosemary West.

In a significant 2 of legal controls over the press, Lord Irvine, the Lord Chancellor, will introduce a 3 bill that will propose making payments to witnesses 4 and will strictly control the amount of 5 that can be given to a case 6 a trial begins.

In a letter to Gerald Kaufman, chairman of the House of Commons media select committee, Lord Irvine said he 7 with a committee report this year which said that self regulation did not 8 sufficient control.

9 of the letter came two days after Lord Irvine caused a 10 of media protest when he said the 11 of privacy controls contained in European legislation would be left to judges 12 to Parliament.

The Lord Chancellor said introduction of the Human Rights Bill, which 13 the European Convention on Human Rights legally 14 in Britain, laid down that everybody was 15 to privacy and that public figures could go to court to protect themselves and their families.

"Press freedoms will be in safe hands 16 our British judges," he said.

Witness payments became an 17 after West was sentenced to 10 life sentences in 1995. Up to 19 witnesses were 18 to have received payments for telling their stories to newspapers. Concerns were raised 19 witnesses might be encouraged exaggerate their stories in court to 20 guilty verdicts.

- | | | | |
|---------------------|--------------------|-------------------|-------------------|
| 1. [A] as to | [B] for instance | [C] in particular | [D] such as |
| 2. [A] tightening | [B] intensifying | [C] focusing | [D] fastening |
| 3. [A] sketch | [B] rough | [C] preliminary | [D] draft |
| 4. [A] illogical | [B] illegal | [C] improbable | [D] improper |
| 5. [A] publicity | [B] penalty | [C] popularity | [D] peculiarity |
| 6. [A] since | [B] if | [C] before | [D] as |
| 7. [A] sided | [B] shared | [C] complied | [D] agreed |
| 8. [A] present | [B] offer | [C] manifest | [D] indicate |
| 9. [A] Release | [B] Publication | [C] Printing | [D] Exposure |
| 10. [A] storm | [B] rage | [C] flare | [D] flash |
| 11. [A] translation | [B] interpretation | [C] exhibition | [D] demonstration |
| 12. [A] better than | [B] other than | [C] rather than | [D] sooner than |
| 13. [A] changes | [B] makes | [C] sets | [D] turns |
| 14. [A] binding | [B] convincing | [C] restraining | [D] sustaining |
| 15. [A] authorized | [B] credited | [C] entitled | [D] qualified |
| 16. [A] with | [B] to | [C] from | [D] by |
| 17. [A] impact | [B] incident | [C] inference | [D] issue |
| 18. [A] stated | [B] remarked | [C] said | [D] told |
| 19. [A] what | [B] when | [C] which | [D] that |
| 20. [A] assure | [B] confide | [C] ensure | [D] guarantee |

Part II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each questions there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (40 points)

Passage 1

Specialisation can be seen as a response to the problem of an increasing accumulation of scientific knowledge. By splitting up the subject matter into smaller units, one man could continue to handle the information and use it as the basis for further research. But specialisation was only one of a series of related developments in science affecting the process of communication. Another was the growing professionalisation of scientific activity.

No clear-cut distinction can be drawn between professionals and amateurs in science: exceptions can be found to any rule. Nevertheless, the word “amateur” does carry a connotation that the person concerned is not fully integrated into the scientific community and, in particular, may not fully share its values. The growth of specialisation in the nineteenth century, with its consequent requirement of a longer, more complex training, implied greater problems for amateur participation in science. The trend was naturally most obvious in those areas of science based especially on a mathematical or laboratory training, and can be illustrated in terms of the development of geology in the United Kingdom.

A comparison of British geological publications over the last century and a half reveals not simply an increasing emphasis on the primacy of research, but also a changing definition of what constitutes an acceptable research paper. Thus, in the nineteenth century, local geological studies represented worthwhile research in their own right; but, in the twentieth century, local studies have increasingly become acceptable to professionals only if they incorporate, and reflect on, the wider geological picture. Amateurs, on the other hand, have continued to pursue local studies in the old way. The overall result has been to make entrance to professional geological journals harder for amateurs, a result that has been reinforced by the widespread introduction of refereeing, first by national journals in the nineteenth century and then by several local geological journals in the twentieth century. As a logical consequence of this development, separate journals have now appeared aimed mainly towards either professional or amateur readership. A rather similar process of differentiation has led to professional geologists coming together nationally within one or two specific societies, whereas the amateurs have tended either to remain in local societies or to come together nationally in a different way.

Although the process of professionalisation and specialisation was already well under way in British geology during the nineteenth century, its full consequences were thus delayed until the twentieth century. In science generally, however, the nineteenth century must be reckoned as the crucial period for this change in the structure of science.

21. The growth of specialisation in the 19th century might be more clearly seen in sciences such as _____.
[A] sociology and chemistry [B] physics and psychology
[C] sociology and psychology [D] physics and chemistry
22. We can infer from the passage that _____.
[A] there is little distinction between specialisation and professionalisation
[B] amateurs can compete with professionals in some areas of science
[C] professionals tend to welcome amateurs into the scientific community
[D] amateurs have national academic societies but no local ones
23. The author writes of the development of geology to demonstrate _____.
[A] the process of specialisation and professionalisation
[B] the hardship of amateurs in scientific study
[C] the change of policies in scientific publications
[D] the discrimination of professionals against amateurs

24. The direct reason for specialisation is _____.
[A] the development in communication [B] the growth of professionalisation
[C] the expansion of scientific knowledge [D] the splitting up of academic societies

Passage 2

A great deal of attention is being paid today to the so-called digital divide-the division of the world into the info (information) rich and the info poor. And that divide does exist today. My wife and I lectured about this looming danger twenty years ago. What was less visible then, however, were the new, positive forces that work against the digital divide. There are reasons to be optimistic.

There are technological reasons to hope the digital divide will narrow. As the Internet becomes more and more commercialized, it is in the interest of business to universalize access-after all, the more people online, the more potential customers there are. More and more governments, afraid their countries will be left behind, want to spread Internet access. Within the next decade or two, one to two billion people on the planet will be netted together. As a result, I now believe the digital divide will narrow rather than widen in the years ahead. And that is very good news because the Internet may well be the most powerful tool for combating world poverty that we've ever had.

Of course, the use of the Internet isn't the only way to defeat poverty. And the Internet is not the only tool we have. But it has enormous potential.

To take advantage of this tool, some impoverished countries will have to get over their outdated anti-colonial prejudices with respect to foreign investment. Countries that still think foreign investment is an invasion of their sovereignty might well study the history of infrastructure (the basic structural foundations of a society) in the United States. When the United States built its industrial infrastructure, it didn't have the capital to do so. And that is why America's Second Wave infrastructure-including roads, harbors, highways, ports and so on-were built with foreign investment. The English, the Germans, the Dutch and the French were investing in Britain's former colony. They financed them. Immigrant Americans built them. Guess who owns them now? The Americans. I believe the same thing would be true in places like Brazil or anywhere else for that matter. The more foreign capital you have helping you build your Third Wave infrastructure, which today is an electronic infrastructure, the better off you're going to be. That doesn't mean lying down and becoming fooled, or letting foreign corporations run uncontrolled. But it does mean recognizing how important they can be in building the energy and telecom infrastructures needed to take full advantage of the Internet.

25. Digital divide is something _____.
[A] getting worse because of the Internet [B] the rich countries are responsible for
[C] the world must guard against [D] considered positive today
26. Governments attach importance to the Internet because it _____.
[A] offers economic potentials [B] can bring foreign funds
[C] can soon wipe out world poverty [D] connects people all over the world
27. The writer mentioned the case of the United States to justify the policy of _____.
[A] providing financial support overseas [B] preventing foreign capital's control
[C] building industrial infrastructure [D] accepting foreign investment
28. It seems that now a country's economy depends much on _____.
[A] how well-developed it is electronically [B] whether it is prejudiced against immigrants
[C] whether it adopts America's industrial pattern [D] how much control it has over foreign corporations

Passage 3

Why do so many Americans distrust what they read in their newspapers? The American Society of Newspaper Editors is trying to answer this painful question. The organization is deep into a long self-analysis known as the

journalism credibility project.

Sad to say, this project has turned out to be mostly low-level findings about factual errors and spelling and grammar mistakes, combined with lots of headscratching puzzlement about what in the world those readers really want.

But the sources of distrust go way deeper. Most journalists learn to see the world through a set of standard templates (patterns) into which they plug each day's events. In other words, there is a conventional story line in the newsroom culture that provides a backbone and a ready-made narrative structure for otherwise confusions news.

There exists a social and cultural disconnect between journalists and their readers which helps explain why the "standard templates" of the newsroom seem alien many readers. In a recent survey, questionnaires were sent to reporters in five middle size cities around the country, plus one large metropolitan area. Then residents in these communities were phoned at random and asked the same questions.

Replies show that compared with other Americans, journalists are more likely to live in upscale neighborhoods, have maids, own Mercedeses, and trade stocks, and they're less likely to go to church, do volunteer work, or put down roots in community.

Reporters tend to be part of a broadly defined social and cultural elite, so their work tends to reflect the conventional values of this elite. The astonishing distrust of the news media isn't rooted in inaccuracy or poor reportorial skills but in the daily clash of world views between reporters and their readers.

This is an explosive situation for any industry, particularly a declining one. Here is a troubled business that keeps hiring employees whose attitudes vastly annoy the customers. Then it sponsors lots of symposiums and a credibility project dedicated to wondering why customers are annoyed and fleeing in large numbers. But it never seems to get around to noticing the cultural and class biases that so many former buyers are complaining about. If it did, it would open up its diversity program, now focused narrowly on race and gender, and look for reporters who differ broadly by outlook, values, education, and class.

29. What is the passage mainly about?

- [A] needs of the readers all over the world.
- [B] causes of the public disappointment about newspapers.
- [C] origins of the declining newspaper industry.
- [D] aims of a journalism credibility project.

30. The results of the journalism credibility project turned out to be ____.

- [A] quite trustworthy
- [B] somewhat contradictory
- [C] very illuminating
- [D] rather superficial

31. The basic problem of journalists as pointed out by the writer lies in their ____.

- [A] working attitude
- [B] conventional lifestyle
- [C] world outlook
- [D] educational background

32. Despite its efforts, the newspaper industry still cannot satisfy the readers owing to its ____.

- [A] failure to realize its real problem
- [B] tendency to hire annoying reporters
- [C] likeliness to do inaccurate reporting
- [D] prejudice in matters of race and gender

Passage 4

The world is going through the biggest wave of mergers and acquisitions ever witnessed. The process sweeps from hyperactive America to Europe and reaches the emerging countries with unsurpassed might. Many in these countries are looking at this process and worrying: "Won't the wave of business concentration turn into an uncontrollable anti-competitive force?"

There's no question that the big are getting bigger and more powerful. Multinational corporations accounted for less than 20% of international trade in 1982. Today the figure is more than 25% and growing rapidly. International affiliates account for a fast-growing segment of production in economies that open up and welcome foreign

investment. In Argentina, for instance, after the reforms of the early 1990s, multinationals went from 43% to almost 70% of the industrial production of the 200 largest firms. This phenomenon has created serious concerns over the role of smaller economic firms, of national businessmen and over the ultimate stability of the world economy.

I believe that the most important forces behind the massive M&A wave are the same that underlie the globalization process: falling transportation and communication costs, lower trade and investment barriers and enlarged markets that require enlarged operations capable of meeting customers' demands. All these are beneficial, not detrimental, to consumers. As productivity grows, the world's wealth increases.

Examples of benefits or costs of the current concentration wave are scanty. Yet it is hard to imagine that the merger of a few oil firms today could re-create the same threats to competition that were feared nearly a century ago in the U.S., when the Standard Oil trust was broken up. The mergers of telecom companies, such as WorldCom, hardly seem to bring higher prices for consumers or a reduction in the pace of technical progress. On the contrary, the price of communications is coming down fast. In cars, too, concentration is increasing-witness Daimler and Chrysler, Renault and Nissan-but it does not appear that consumers are being hurt.

Yet the fact remains that the merger movement must be watched. A few weeks ago, Alan Greenspan warned against the megamergers in the banking industry. Who is going to supervise, regulate and operate as lender of last resort with the gigantic banks that are being created? Won't multinationals shift production from one place to another when a nation gets too strict about infringements to fair competition? And should one country take upon itself the role of "defending competition" on issues that affect many other nations, as in the U S. vs. Microsoft case ?

33. What is the typical trend of businesses today?

- | | |
|------------------------------------|-----------------------------------|
| [A] to take in more foreign funds. | [B] to invest more abroad. |
| [C] to combine and become bigger. | [D] to trade with more countries. |

34. According to the author, one of the driving forces behind M&A wave is _____

- | | |
|-----------------------------------|---|
| [A] the greater customer demands. | [B] a surplus supply for the market. |
| [C] a growing productivity. | [D] the increase of the world's wealth. |

35. From paragraph 4 we can infer that _____.

- | |
|--|
| [A] the increasing concentration is certain to hurt consumers |
| [B] WorldCom serves as a good example of both benefits and costs |
| [C] the costs of the globalization process are enormous |
| [D] the Standard Oil trust might have threatened competition |

36. Toward the new business wave, the writer's attitude can be said to be _____.

- | | |
|-----------------|---------------|
| [A] optimistic | [B] objective |
| [C] pessimistic | [D] biased |

Passage 5

When I decided to quit my full time employment it never occurred to me that I might become a part of a new international trend. A lateral move that hurt my pride and blocked my professional progress prompted me to abandon my relatively high profile career although, in the manner of a disgraced government minister, I covered my exit by claiming "I wanted to spend more time with my family".

Curiously, some two-and-a-half years and two novels later, my experiment in what the Americans term "downshifting" has turned my tired excuse into an absolute reality. I have been transformed from a passionate advocate of the philosophy of "having it all", preached by Linda Kelsey for the past seven years in the pages of She magazine, into a woman who is happy to settle for a bit of everything.

I have discovered, as perhaps Kelsey will after her much-publicized resignation from the editorship of She after a build-up of stress, that abandoning the doctrine of "juggling your life", and making the alternative move into "downshifting" brings with it far greater rewards than financial success and social status. Nothing could persuade me to return to the kind of life Kelsey used to advocate and I once enjoyed: 12-hour working days, pressured deadlines,

the fearful strain of office politics and the limitations of being a parent on “quality time”.

In America, the move away from juggling to a simpler, less materialistic lifestyle is a well-established trend. Downshifting—also known in America as “voluntary simplicity” has, ironically, even bred a new area of what might be termed anticonsumerism. There are a number of bestselling downshifting self-help books for people who want to simplify their lives; there are newsletters, such as *The Tightwad Gazette*, that give hundreds of thousands of Americans useful tips on anything from recycling their cling-film to making their own soap; there are even support groups for those who want to achieve the mid- '90s equivalent of dropping out.

While in America the trend started as a reaction to the economic decline——after the mass redundancies caused by downsizing in the late '80s——and is still linked to the politics of thrift, in Britain, at least among the middle-class downshifters of my acquaintance, we have different reasons for seeking to simplify our lives.

For the women of my generation who were urged to keep juggling through the '80s, downshifting in the mid-'90s is not so much a search for the mythical good life——growing your own organic vegetables, and risking turning into one——as a personal recognition of your limitations.

37. Which of the following is true according to paragraph 1?

- [A] Full-time employment is a new international trend.
- [B] The writer was compelled by circumstances to leave her job.
- [C] “A lateral move” means stepping out of full-time employment.
- [D] The writer was only too eager to spend more time with her family.

38. The writer's experiment shows that downshifting ____

- [A] enables her to realize her dream
- [B] helps her mold a new philosophy of life
- [C] prompts her to abandon her high social status
- [D] leads her to accept the doctrine of *She* magazine

39. “Juggling one's life” probably means living a life characterized by ____.

- [A] non-materialistic lifestyle
- [B] a bit of everything
- [C] extreme stress
- [D] anti-consumerism

40. According to the passage, downshifting emerged in the U.S. as a result of ____

- [A] the quick pace of modern life
- [B] man's adventurous spirit
- [C] man's search for mythical experiences
- [D] the economic situation

Part III English-Chinese Translation

Directions:

Read the following text carefully and then translate the underlined segments into Chinese. Your translation should be written clearly on ANSWER SHEET 2. (15 points)

In less than 30 years' time the Star Trek holodeck will be a reality. Direct links between the brain's nervous system and a computer will also create full sensory virtual environments, allowing virtual vacations like those in the film *Total Recall*.

41) There will be television chat shows hosted by robots, and cars with pollution monitors that will disable them when they offend. 42) Children will play with dolls equipped with personality chips, computers with in-built personalities will be regarded as workmates rather than tools, relaxation will be in front of smell television, and digital age will have arrived.

According to BT's futurologist, Ian Pearson, these are among the developments scheduled for the first few decades of the new millennium (a period of 1,000 years), when supercomputers will dramatically accelerate progress in all areas of life.

43) Pearson has pieced together the work of hundreds of researchers around the world to produce a unique millennium technology calendar that gives the latest dates when we can expect hundreds of key breakthroughs and discoveries to take place. Some of the biggest developments will be in medicine, including an extended life expectancy and dozens of artificial organs coming into use between now and 2040.

Pearson also predicts a breakthrough in computer-human links. "By linking directly to our nervous system, computers could pick up what we feel and, hopefully, simulate feeling too so that we can start to develop full sensory environments, rather like the holidays in Total Recall or the Star Trek holodeck, " he says. 44) But that, Pearson points out, is only the start of man-machine integration: "It will be the beginning of the long process of integration that will ultimately lead to a fully electronic human before the end of the next century."

Through his research, Pearson is able to put dates to most of the breakthroughs that can be predicted. However, there are still no forecasts for when faster-than-light travel will be available, or when human cloning will be perfected, or when time travel will be possible. But he does expect social problems as a result of technological advances. A boom in neighborhood surveillance cameras will, for example, cause problems in 2010, while the arrival of synthetic lifelike robots will mean people may not be able to distinguish between their human friends and the droids.

45) And home appliances will also become so smart that controlling and operating them will result in the breakout of a new psychological disorder—kitchen rage.

Section V Writing

46. Directions:

Among all the worthy feelings of mankind, love is probably the noblest, but everyone has his/her own understanding of it.

There has been a discussion recently on the issue in a newspaper. Write an essay to the newspaper to

- 1) show your understanding of the symbolic meaning of the picture below.
- 2) give a specific example, and
- 3) give your suggestion as to the best way to show love.



2000 年全国硕士研究生入学统一考试英语试题

Part I Close Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C] and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (10 points)

①If a farmer wishes to succeed, he must try to keep a wide gap between his consumption and his production. ②He must store a large quantity of grain 1 consuming all his grain immediately. ③He can continue to support himself and his family 2 he produces a surplus. ④He must use this surplus in three ways: as seed for sowing, as an insurance 3 the unpredictable effects of bad weather and as a commodity which he must sell in order to 4 old agricultural implements and obtain chemical fertilizers to 5 the soil. ⑤He may also need money to construct irrigation 6 and improve his farm in other ways. ⑥If no surplus is available, a farmer cannot be 7. ⑦He must either sell some of his property or 8 extra funds in the form of loans. ⑧Naturally he will try to borrow money at a low 9 of interest, but loans of this kind are not 10 obtainable. [139 words]

- | | | | |
|-----------------------|---------------------|--------------------|---------------------|
| 1. [A] other than | [B] as well as | [C] instead of | [D] more than |
| 2. [A] only if | [B] much as | [C] long before | [D] ever since |
| 3. [A] for | [B] against | [C] of | [D] towards |
| 4. [A] replace | [B] purchase | [C] supplement | [D] dispose |
| 5. [A] enhance | [B] mix | [C] feed | [D] raise |
| 6. [A] vessels | [B] routes | [C] paths | [D] channels |
| 7. [A] self-confident | [B] self-sufficient | [C] self-satisfied | [D] self-restrained |
| 8. [A] search | [B] save | [C] offer | [D] seek |
| 9. [A] proportion | [B] percentage | [C] rate | [D] ratio |
| 10. [A] genuinely | [B] obviously | [C] presumably | [D] frequently |

Part II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each question there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (40 points)

Passage 1

①A history of long and effortless success can be a dreadful handicap, but, if properly handled, it may become a driving force. ②When the United States entered just such a glowing period after the end of the Second World War, it had a market eight times larger than any competitor, giving its industries unparalleled economies of scale. ③Its scientists were the world's best; its workers the most skilled. ④⁽¹¹⁾ America and Americans were prosperous beyond the dreams of the Europeans and Asians whose economies the war had destroyed.

①It was inevitable that this primacy should have narrowed as other countries grew richer. ②Just as inevitably, the retreat from predominance proved painful. ③By the mid-1980s Americans had found themselves at a loss over their fading industrial competitiveness. ④Some huge American industries, such as consumer electronics, had shrunk or vanished in the face of foreign competition. ⑤By 1987 there was only one American television maker left, Zenith. ⑥(Now there is none: Zenith was bought by South Korea's LG Electronics in July.) ⑦⁽¹²⁾ Foreign-made cars and textiles were sweeping into the domestic market. America's machine-tool industry was on the ropes. ⑧For a while it looked as though the making of semiconductors, which America had invented and which sat at the heart of the new computer age, was going to be the next casualty.

①All of this caused a crisis of confidence. ②Americans stopped taking prosperity for granted. ③They began to believe that their way of doing business was failing, and that their incomes would therefore shortly begin to fall as well. ④The mid-1980s brought one inquiry after another into the causes of America's industrial decline. ⑤Their

sometimes sensational findings were filled with warnings about the growing competition from overseas.

①How things have changed! ②In 1995 the United States can look back on five years of solid growth while Japan has been struggling. ③⁽¹⁴⁾ Few Americans attribute this solely to such obvious causes as a devalued dollar or the turning of the business cycle. ④Self-doubt has yielded to blind pride. ⑤“American industry has changed its structure, has gone on a diet, has learnt to be more quick-witted,” according to Richard Cavanaugh, executive dean of Harvard’s Kennedy School of Government. ⑥“It makes me proud to be an American just to see how our businesses are improving their productivity,” says Stephen Moore of the Cato Institute, a think-tank in Washington, DC. ⑦And William Sahlman of the Harvard Business School believes that people will look back on this period as “a golden age of business management in the United States.” [429 words]

11. The U.S. achieved its predominance after World War II because.

- [A] it had made painstaking efforts towards this goal
- [B] its domestic market was eight times larger than before
- [C] the war had destroyed the economies of most potential competitors
- [D] the unparalleled size of its workforce had given an impetus to its economy

12. The loss of U.S. predominance in the world economy in the 1980s is manifested in the fact that the American.

- [A] TV industry had withdrawn to its domestic market
- [B] semiconductor industry had been taken over by foreign enterprises
- [C] machine-tool industry had collapsed after suicidal actions
- [D] auto industry had lost part of its domestic market

13. What can be inferred from the passage?

- [A] It is human nature to shift between self-doubt and blind pride.
- [B] Intense competition may contribute to economic progress.
- [C] The revival of the economy depends on international cooperation.
- [D] A long history of success may pave the way for further development.

14. The author seems to believe the revival of the U.S. economy in the 1990s can be attributed to the.

- [A] turning of the business cycle
- [B] restructuring of industry
- [C] improved business management
- [D] success in education

Passage 2

①⁽¹⁵⁾ Being a man has always been dangerous. ②There are about 105 males born for every 100 females, but this ratio drops to near balance at the age of maturity, and among 70-year-olds there are twice as many women as men. ③But the great universal of male mortality is being changed. ④Now, boy babies survive almost as well as girls do. ⑤This means that, for the first time, there will be an excess of boys in those crucial years when they are searching for a mate. ⑥More important, another chance for natural selection has been removed. ⑦Fifty years ago, the chance of a baby (particularly a boy baby) surviving depended on its weight. A kilogram too light or too heavy meant almost certain death. ⑧Today it makes almost no difference. Since much of the variation is due to genes, one more agent of evolution has gone.

①There is another way to commit evolutionary suicide: stay alive, but have fewer children. ②Few people are as fertile as in the past. ③Except in some religious communities, very few women have 15 children. ④Nowadays the number of births, like the age of death, has become average. ⑤Most of us have roughly the same number of offspring. ⑥⁽¹⁶⁾ Again, differences between people and the opportunity for natural selection to take advantage of it have diminished. ⑦India shows what is happening. The country offers wealth for a few in the great cities and poverty for the remaining tribal peoples. ⑧The grand mediocrity of today—everyone being the same in survival and number of offspring—means that natural selection has lost 80% of its power in upper-middle-class India compared to the tribes.

For us, this means that evolution is over; the biological Utopia has arrived. ②Strangely, it has involved little physical change. ③No other species fills so many places in nature. ④But in the past 100, 000 years—even the past 100 years—our lives have been transformed but our bodies have not. ⑤⁽¹⁷⁾ We did not evolve, because machines and

society did it for us. ⑥ Darwin had a phrase to describe those ignorant of evolution: they “look at an organic being as a savage looks at a ship, as at something wholly beyond his comprehension.” ⑦ No doubt we will remember a 20th century way of life beyond comprehension for its ugliness. But however amazed our descendants may be at how far from Utopia we were, they will look just like us. [406 words]

15. What used to be the danger in being a man according to the first paragraph?

- [A] A lack of mates.
- [B] A fierce competition.
- [C] A lower survival rate.
- [D] A defective gene.

16. What does the example of India illustrate?

- [A] Wealthy people tend to have fewer children than poor people.
- [B] Natural selection hardly works among the rich and the poor.
- [C] The middle class population is 80% smaller than that of the tribes.
- [D] India is one of the countries with a very high birth rate.

17. The author argues that our bodies have stopped evolving because.

- [A] life has been improved by technological advance
- [B] the number of female babies has been declining
- [C] our species has reached the highest stage of evolution
- [D] the difference between wealth and poverty is disappearing

18. Which of the following would be the best title for the passage?

- [A] Sex Ratio Changes in Human Evolution.
- [B] Ways of Continuing Man's Evolution.
- [C] The Evolutionary Future of Nature.
- [D] Human Evolution Going Nowhere.

Passage 3

① ⁽²⁰⁾ When a new movement in art attains a certain fashion, it is advisable to find out what its advocates are aiming at, for, however farfetched and unreasonable their principles may seem today, it is possible that in years to come they may be regarded as normal. ② With regard to Futurist poetry, however, the case is rather difficult, for whatever Futurist poetry may be—even admitting that the theory on which it is based may be right—it can hardly be classed as Literature.

① This, in brief, is what the Futurist says: for a century, past conditions of life have been conditionally speeding up, till now we live in a world of noise and violence and speed. ② Consequently, our feelings, thoughts and emotions have undergone a corresponding change. ③ ⁽²¹⁾ This speeding up of life, says the Futurist, requires a new form of expression. ④ We must speed up our literature too, if we want to interpret modern stress. ⑤ We must pour out a large stream of essential words, unhampered by stops, or qualifying adjectives, or finite verbs. ⑥ Instead of describing sounds we must make up words that imitate them; we must use many sizes of type and different colored inks on the same page, and shorten or lengthen words at will.

① Certainly their descriptions of battles are confused. ② But it is a little upsetting to read in the explanatory notes that a certain line describes a fight between a Turkish and a Bulgarian officer on a bridge off which they both fall into the river—and then to find that the line consists of the noise of their falling and the weights of the officers: “Pluff! Pluff! A hundred and eighty-five kilograms.”

① ⁽²²⁾ This, though it fulfills the laws and requirements of Futurist poetry, can hardly be classed as Literature. ② All the same, no thinking man can refuse to accept their first proposition: that a great change in our emotional life calls for a change of expression. ③ The whole question is really this: have we essentially changed? [334 words]

19. This passage is mainly.

- [A] a survey of new approaches to art
- [B] a review of Futurist poetry
- [C] about merits of the Futurist movement
- [D] about laws and requirements of literature

20. When a novel literary idea appears, people should try to.

- [A] determine its purposes
- [B] ignore its flaws
- [C] follow the new fashions
- [D] accept the principles

21. Futurists claim that we must.

- [A] increase the production of literature [B] use poetry to relieve modern stress
[C] develop new modes of expression [D] avoid using adjectives and verbs

22. The author believes that Futurist poetry is.

- [A] based on reasonable principles
[B] new and acceptable to ordinary people
[C] indicative of a basic change in human nature
[D] more of a transient phenomenon than literature

Passage 4

①⁽²³⁾ Aimlessness has hardly been typical of the postwar Japan whose productivity and social harmony are the envy of the United States and Europe. ②But increasingly the Japanese are seeing a decline of the traditional work-moral values. ③Ten years ago young people were hardworking and saw their jobs as their primary reason for being, but now Japan has largely fulfilled its economic needs, and young people don't know where they should go next.

①The coming of age of the postwar baby boom and an entry of women into the male-dominated job market have limited the opportunities of teen-agers who are already questioning the heavy personal sacrifices involved in climbing Japan's rigid social ladder to good schools and jobs. ②In a recent survey, it was found that only 24.5 percent of Japanese students were fully satisfied with school life, compared with 67.2 percent of students in the United States. ③In addition, far more Japanese workers expressed dissatisfaction with their jobs than did their counterparts in the 10 other countries surveyed.

①While often praised by foreigners for its emphasis on the basics, Japanese education tends to stress test taking and mechanical learning over creativity and self-expression. ②⁽²⁵⁾ "Those things that do not show up in the test scores—personality, ability, courage or humanity—are completely ignored," says Toshiki Kaifu, chairman of the ruling Liberal Democratic Party's education committee. ③"Frustration against this kind of thing leads kids to drop out and run wild." ④Last year Japan experienced 2, 125 incidents of school violence, including 929 assaults on teachers. ⑤Amid the outcry, many conservative leaders are seeking a return to the prewar emphasis on moral education. ⑥Last year Mitsuo Setoyama, who was then education minister, raised eyebrows when he argued that liberal reforms introduced by the American occupation authorities after World War II had weakened the "Japanese morality of respect for parents."

①⁽²⁶⁾ But that may have more to do with Japanese life-styles. ②"In Japan," says educator Yoko Muro, "it's never a question of whether you enjoy your job and your life, but only how much you can endure." ③With economic growth has come centralization; fully 76 percent of Japan's 119 million citizens live in cities where community and the extended family have been abandoned in favor of isolated, two-generation households. ④Urban Japanese have long endured lengthy commutes (travels to and from work) and crowded living conditions, but as the old group and family values weaken, the discomfort is beginning to tell. ⑤In the past decade, the Japanese divorce rate, while still well below that of the United States, has increased by more than 50 percent, and suicides have increased by nearly one-quarter. [447 words]

23. In the Westerners' eyes, the postwar Japan was.

- [A] under aimless development [B] a positive example
[C] a rival to the West [D] on the decline

24. According to the author, what may chiefly be responsible for the moral decline of Japanese society?

- [A] Women's participation in social activities is limited.
[B] More workers are dissatisfied with their jobs.
[C] Excessive emphasis has been placed on the basics.
[D] The life-style has been influenced by Western values.

25. Which of the following is true according to the author?

- [A] Japanese education is praised for helping the young climb the social ladder.
[B] Japanese education is characterized by mechanical learning as well as creativity.

[C] More stress should be placed on the cultivation of creativity.

[D] Dropping out leads to frustration against test taking.

26. The change in Japanese life-style is revealed in the fact that.

[A] the young are less tolerant of discomforts in life

[B] the divorce rate in Japan exceeds that in the U.S.

[C] the Japanese endure more than ever before

[D] the Japanese appreciate their present life

Passage 5

①⁽²⁷⁾ If ambition is to be well regarded, the rewards of ambition—wealth, distinction, control over one's destiny—must be deemed worthy of the sacrifices made on ambition's behalf. ②If the tradition of ambition is to have vitality, it must be widely shared; and it especially must be highly regarded by people who are themselves admired, the educated not least among them. ③⁽²⁸⁾ In an odd way, however, it is the educated who have claimed to have given up on ambition as an ideal. ④What is odd is that they have perhaps most benefited from ambition—if not always their own then that of their parents and grandparents. ⑤There is a heavy note of hypocrisy in this, a case of closing the barn door after the horses have escaped—with the educated themselves riding on them.

①Certainly people do not seem less interested in success and its signs now than formerly. ②Summer homes, European travel, BMWs—the locations, place names and name brands may change, but such items do not seem less in demand today than a decade or two years ago. ③⁽²⁹⁾ What has happened is that people cannot confess fully to their dreams, as easily and openly as once they could, lest they be thought pushing, acquisitive and vulgar. ④Instead, we are treated to fine hypocritical spectacles, which now more than ever seem in ample supply: the critic of American materialism with a Southampton summer home; the publisher of radical books who takes his meals in three-star restaurants; the journalist advocating participatory democracy in all phases of life, whose own children are enrolled in private schools. ⑤For such people and many more perhaps not so exceptional, the proper formulation is, "Succeed at all costs but avoid appearing ambitious."

①The attacks on ambition are many and come from various angles; its public defenders are few and unimpressive, where they are not extremely unattractive. ②As a result, the support for ambition as a healthy impulse, a quality to be admired and fixed in the mind of the young, is probably lower than it has ever been in the United States. ③This does not mean that ambition is at an end, that people no longer feel its stirrings and promptings, but only that, no longer openly honored, it is less openly professed. ④Consequences follow from this, of course, some of which are that ambition is driven underground, or made sly. ⑤Such, then, is the way things stand: on the left angry critics, on the right stupid supporters, and in the middle, as usual, the majority of earnest people trying to get on in life. [431 words]

27. It is generally believed that ambition may be well regarded if.

[A] its returns well compensate for the sacrifices

[B] it is rewarded with money, fame and power

[C] its goals are spiritual rather than material

[D] it is shared by the rich and the famous

28. The last sentence of the first paragraph most probably implies that it is.

[A] customary of the educated to discard ambition in words

[B] too late to check ambition once it has been let out

[C] dishonest to deny ambition after the fulfillment of the goal

[D] impractical for the educated to enjoy benefits from ambition

29. Some people do not openly admit they have ambition because.

[A] they think of it as immoral

[B] their pursuits are not fame or wealth

[C] ambition is not closely related to material benefits

[D] they do not want to appear greedy and contemptible

30. From the last paragraph the conclusion can be drawn that ambition should be maintained.

[A] secretly and vigorously

[B] openly and enthusiastically

[C] easily and momentarily

[D] verbally and spiritually

Part III English-Chinese Translation

Directions:

Read the following passage carefully and then translate the underlined segments into Chinese. Your translation must be written neatly on ANSWER SHEET 2. (15 points)

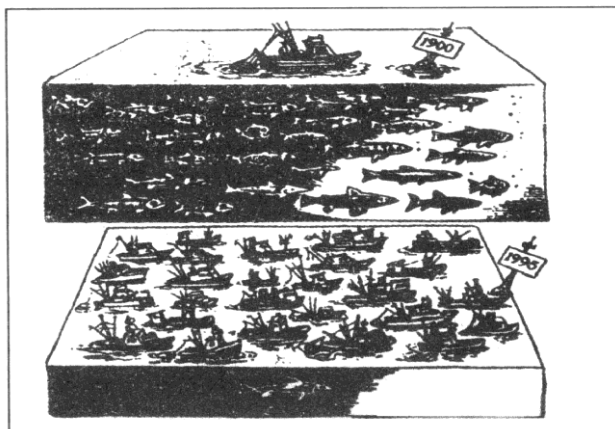
Governments throughout the world act on the assumption that the welfare of their people depends largely on the economic strength and wealth of the community. 31) Under modern conditions, this requires varying measures of centralized control and hence the help of specialized scientists such as economists and operational research experts. 32) Furthermore, it is obvious that the strength of a country's economy is directly bound up with the efficiency of its agriculture and industry, and that this in turn rests upon the efforts of scientists and technologists of all kinds. It also means that governments are increasingly compelled to interfere in these sectors in order to step up production and ensure that it is utilized to the best advantage. For example, they may encourage research in various ways, including the setting up of their own research centers; they may alter the structure of education, or interfere in order to reduce the wastage of natural resources or tap resources hitherto unexploited; or they may cooperate directly in the growing number of international projects related to science, economics and industry. In any case, all such interventions are heavily dependent on scientific advice and also scientific and technological manpower of all kinds.

33) Owing to the remarkable development in mass-communications, people everywhere are feeling new wants and are being exposed to new customs and ideas, while governments are often forced to introduce still further innovations for the reasons given above. At the same time, the normal rate of social change throughout the world is taking place at a vastly accelerated speed compared with the past. For example, 34) in the early industrialized countries of Europe the process of industrialization—with all the far-reaching changes in social patterns that followed—was spread over nearly a century, whereas nowadays a developing nation may undergo the same process in a decade or so. All this has the effect of building up unusual pressures and tensions within the community and consequently presents serious problems for the governments concerned. 35) Additional social stresses may also occur because of the population explosion or problems arising from mass migration movements—themselves made relatively easy nowadays by modern means of transport. As a result of all these factors, governments are becoming increasingly dependent on biologists and social scientists for planning the appropriate programs and putting them into effect. [390 words]

Section IV Writing(15 points)

36.Directions:

- A. Study the following two pictures carefully and write an essay of at least 150 words.
- B. Your essay must be written neatly on ANSWER SHEET 2.
- C. Your essay should meet the requirements below:
 - 1) Describe the pictures.
 - 2) Deduce the purpose of the painter of the pictures.
 - 3) Suggest counter-measures.



A Brief History of World Commercial Fishing

1999 年全国攻读硕士学位研究生入学考试英语试题

Part I Cloze Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C] and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (10 points)

Industrial safety does not just happen. Companies 1 low accident rates plan their safety programs, work hard to organize them, and continue working to keep them 2 and active. When the work is well done, a 3 of accident free operations is established 4 time lost due to injuries is kept at a minimum.

Successful safety programs may 5 greatly in the emphasis placed on certain aspects of the program. Some place great emphasis on mechanical guarding. Others stress safe work practices by 6 rules or regulations. 7 others depend on an emotional appeal to the worker. But, there are certain basic ideas that must be used in every program if maximum results are to be obtained.

There can be no question about the value of a safety program. From a financial standpoint alone, safety 8. The fewer the injury 9, the better the workman's insurance rate. This may mean the difference between operating at 10 or at a loss.

- | | | | |
|----------------------|-----------------|------------------|-------------------|
| 1. [A] at | [B] in | [C] on | [D] with |
| 2. [A] alive | [B] vivid | [C] mobile | [D] diverse |
| 3. [A] regulation | [B] climate | [C] circumstance | [D] requirement |
| 4. [A] where | [B] how | [C] what | [D] unless |
| 5. [A] alter | [B] differ | [C] shift | [D] distinguish |
| 6. [A] constituting | [B] aggravating | [C] observing | [D] justifying |
| 7. [A] Some | [B] Many | [C] Even | [D] Still |
| 8. [A] comes off | [B] turns up | [C] pays off | [D] holds up |
| 9. [A] claims | [B] reports | [C] declarations | [D] proclamations |
| 10. [A] an advantage | [B] a benefit | [C] an interest | [D] a profit |

Part II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each question there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (40 points)

Passage 1

It's a rough world out there. Step outside and you could break a leg slipping on your doormat. Light up the stove and you could burn down the house. Luckily, if the doormat or stove failed to warn of coming disaster, a successful lawsuit might compensate you for your troubles. Or so the thinking has gone since the early 1980s, when juries began holding more companies liable for their customers' misfortunes.

Feeling threatened, companies responded by writing ever longer warning labels, trying to anticipate every possible accident. Today, stepladders carry labels several inches long that warn, among other things, that you might—surprise!—fall off. The label on a child's Batman cape cautions that the toy “does not enable user to fly”.

While warnings are often appropriate and necessary—the dangers of drug interactions, for example—and many are required by state or federal regulations, it isn't clear that they actually protect the manufacturers and sellers from liability if a customer is injured. About 50 percent of the companies lose when injured customers take them to court.

Now the tide appears to be turning. As personal injury claims continue as before, some courts are beginning to side with defendants, especially in cases where a warning label probably wouldn't have changed anything. In May, Julie Nimmons, president of Schutt Sports in Illinois, successfully fought a lawsuit involving a football player who was paralyzed in a game while wearing a Schutt helmet. "We're really sorry he has become paralyzed, but helmets aren't designed to prevent those kinds of injuries," says Nimmons. The jury agreed that the nature of the game, not the helmet, was the reason for the athlete's injury. At the same time, the American Law Institute—a group of judges, lawyers, and academics whose recommendations carry substantial weight—issued new guidelines for tort law stating that companies need not warn customers of obvious dangers or bombard them with a lengthy list of possible ones. "Important information can get buried in a sea of trivialities," says a law professor at Cornell Law School who helped draft the new guidelines. If the moderate end of the legal community has its way, the information on products might actually be provided for the benefit of customers and not as protection against legal liability.

11. What were things like in 1980s when accidents happened?

- [A] Customers might be relieved of their disasters through lawsuits.
- [B] Injured customers could expect protection from the legal system.
- [C] Companies would avoid being sued by providing new warnings.
- [D] Juries tended to find fault with the compensations companies promised.

12. Manufacturers as mentioned in the passage tend to.

- [A] satisfy customers by writing long warnings on products
- [B] become honest in describing the inadequacies of their products
- [C] make the best use of labels to avoid legal liability
- [D] feel obliged to view customers' safety as their first concern

13. The case of Schutt helmet demonstrated that.

- [A] some injury claims were no longer supported by law
- [B] helmets were not designed to prevent injuries
- [C] product labels would eventually be discarded
- [D] some sports games might lose popularity with athletes

14. The author's attitude towards the issue seems to be.

- [A] biased
- [B] indifferent
- [C] puzzling
- [D] objective

Passage 2

In the first year or so of Web business, most of the action has revolved around efforts to tap the consumer market. More recently, as the Web proved to be more than a fashion, companies have started to buy and sell products and services with one another. Such business to business sales make sense because business people typically know what product they're looking for.

Nonetheless, many companies still hesitate to use the Web because of doubts about its reliability. "Businesses need to feel they can trust the pathway between them and the supplier," says senior analyst Blane Erwin of Forrester Research. Some companies are limiting the risk by conducting online transactions only with established business partners who are given access to the company's private intranet.

Another major shift in the model for Internet commerce concerns the technology available for marketing. Until recently, Internet marketing activities have focused on strategies to "pull" customers into sites. In the past year, however, software companies have developed tools that allow companies to "push" information directly out to consumers, transmitting marketing messages directly to targeted customers. Most notably, the Pointcast Network uses a screen saver to deliver a continually updated stream of news and advertisements to subscribers' computer monitors. Subscribers can customize the information they want to receive and proceed directly to a company's Web site. Companies such as Virtual Vineyards are already starting to use similar technologies to push messages to customers about special sales, product offerings, or other events. But push technology has earned the contempt of many Web users. Online culture thinks highly of the notion that the information flowing onto the screen comes there by specific

request. Once commercial promotion begins to fill the screen uninvited, the distinction between the Web and television fades. That's a prospect that horrifies Net purists.

But it is hardly inevitable that companies on the Web will need to resort to push strategies to make money. The examples of Virtual Vineyards, Amazon .com, and other pioneers show that a Web site selling the right kind of products with the right mix of interactivity, hospitality, and security will attract online customers. And the cost of computing power continues to free fall, which is a good sign for any enterprise setting up shop in silicon. People looking back 5 or 10 years from now may well wonder why so few companies took the online plunge.

15. We learn from the beginning of the passage that Web business.
- [A] has been striving to expand its market
 - [B] intended to follow a fanciful fashion
 - [C] tried but in vain to control the market
 - [D] has been booming for one year or so
16. Speaking of the online technology available for marketing, the author implies that.
- [A] the technology is popular with many Web users
 - [B] businesses have faith in the reliability of online transactions
 - [C] there is a radical change in strategy
 - [D] it is accessible limitedly to established partners
17. In the view of Net purists, .
- [A] there should be no marketing messages in online culture
 - [B] money making should be given priority to on the Web
 - [C] the Web should be able to function as the television set
 - [D] there should be no online commercial information without requests
18. We learn from the last paragraph that.
- [A] pushing information on the Web is essential to Internet commerce
 - [B] interactivity, hospitality and security are important to online customers
 - [C] leading companies began to take the online plunge decades ago
 - [D] setting up shops in silicon is independent of the cost of computing power

Passage 3

An invisible border divides those arguing for computers in the classroom on the behalf of students' career prospects and those arguing for computers in the classroom for broader reasons of radical educational reform. Very few writers on the subject have explored this distinction—indeed, contradiction—which goes to the heart of what is wrong with the campaign to put computers in the classroom.

An education that aims at getting a student a certain kind of job is a technical education, justified for reasons radically different from why education is universally required by law. It is not simply to raise everyone's job prospects that all children are legally required to attend school into their teens. Rather, we have a certain conception of the American citizen, a character who is incomplete if he cannot competently assess how his livelihood and happiness are affected by things outside of himself. But this was not always the case; before it was legally required for all children to attend school until a certain age, it was widely accepted that some were just not equipped by nature to pursue this kind of education. With optimism characteristic of all industrialized countries, we came to accept that everyone is fit to be educated. Computer education advocates forsake this optimistic notion for a pessimism that betrays their otherwise cheery outlook. Banking on the confusion between educational and vocational reasons for bringing computers into schools, computered advocates often emphasize the job prospects of graduates over their educational achievement.

There are some good arguments for a technical education given the right kind of student. Many European schools introduce the concept of professional training early on in order to make sure children are properly equipped for the professions they want to join. It is, however, presumptuous to insist that there will only be so many jobs for so

many scientists, so many businessmen, so many accountants. Besides, this is unlikely to produce the needed number of every kind of professional in a country as large as ours and where the economy is spread over so many states and involves so many international corporations.

But, for a small group of students, professional training might be the way to go since well developed skills, all other factors being equal, can be the difference between having a job and not. Of course, the basics of using any computer these days are very simple. It does not take a lifelong acquaintance to pick up various software programs. If one wanted to become a computer engineer, that is, of course, an entirely different story. Basic computer skills take—at the very longest—a couple of months to learn. In any case, basic computer skills are only complementary to the host of real skills that are necessary to becoming any kind of professional. It should be observed, of course, that no school, vocational or not, is helped by a confusion over its purpose.

19. The author thinks the present rush to put computers in the classroom is.

- | | |
|------------------------|---------------------------|
| [A] far reaching | [B] dubiously oriented |
| [C] self contradictory | [D] radically reformatory |

20. The belief that education is indispensable to all children.

- [A] is indicative of a pessimism in disguise
- [B] came into being along with the arrival of computers
- [C] is deeply rooted in the minds of computer ed advocates
- [D] originated from the optimistic attitude of industrialized countries

21. It could be inferred from the passage that in the author's country the European model of professional training is.

- [A] dependent upon the starting age of candidates
- [B] worth trying in various social sections
- [C] of little practical value
- [D] attractive to every kind of professional

22. According to the author, basic computer skills should be.

- [A] included as an auxiliary course in school
- [B] highlighted in acquisition of professional qualifications
- [C] mastered through a life long course
- [D] equally emphasized by any school, vocational or otherwise

Passage 4

When a Scottish research team startled the world by revealing 3 months ago that it had cloned an adult sheep, President Clinton moved swiftly. Declaring that he was opposed to using this unusual animal husbandry technique to clone humans, he ordered that federal funds not be used for such an experiment—although no one had proposed to do so—and asked an independent panel of experts chaired by Princeton President Harold Shapiro to report back to the White House in 90 days with recommendations for a national policy on human cloning. That group—the National Bioethics Advisory Commission (NBAC)—has been working feverishly to put its wisdom on paper, and at a meeting on 17 May, members agreed on a near final draft of their recommendations.

NBAC will ask that Clinton's 90 day ban on federal funds for human cloning be extended indefinitely, and possibly that it be made law. But NBAC members are planning to word the recommendation narrowly to avoid new restrictions on research that involves the cloning of human DNA or cells—routine in molecular biology. The panel has not yet reached agreement on a crucial question, however, whether to recommend legislation that would make it a crime for private funding to be used for human cloning.

In a draft preface to the recommendations, discussed at the 17 May meeting, Shapiro suggested that the panel had found a broad consensus that it would be “morally unacceptable to attempt to create a human child by adult nuclear cloning.” Shapiro explained during the meeting that the moral doubt stems mainly from fears about the risk to the health of the child. The panel then informally accepted several general conclusions, although some details have

not been settled.

NBAC plans to call for a continued ban on federal government funding for any attempt to clone body cell nuclei to create a child. Because current federal law already forbids the use of federal funds to create embryos (the earliest stage of human offspring before birth) for research or to knowingly endanger an embryo's life, NBAC will remain silent on embryo research.

NBAC members also indicated that they would appeal to privately funded researchers and clinics not to try to clone humans by body cell nuclear transfer. But they were divided on whether to go further by calling for a federal law that would impose a complete ban on human cloning. Shapiro and most members favored an appeal for such legislation, but in a phone interview, he said this issue was still "up in the air".

23. We can learn from the first paragraph that.

- [A] federal funds have been used in a project to clone humans
- [B] the White House responded strongly to the news of cloning
- [C] NBAC was authorized to control the misuse of cloning technique
- [D] the White House has got the panel's recommendations on cloning

24. The panel agreed on all of the following except that.

- [A] the ban on federal funds for human cloning should be made a law
- [B] the cloning of human DNA is not to be put under more control
- [C] it is criminal to use private funding for human cloning
- [D] it would be against ethical values to clone a human being

25. NBAC will leave the issue of embryo research undiscussed because.

- [A] embryo research is just a current development of cloning
- [B] the health of the child is not the main concern of embryo research
- [C] an embryo's life will not be endangered in embryo research
- [D] the issue is explicitly stated and settled in the law

26. It can be inferred from the last paragraph that.

- [A] some NBAC members hesitate to ban human cloning completely
- [B] a law banning human cloning is to be passed in no time
- [C] privately funded researchers will respond positively to NBAC's appeal
- [D] the issue of human cloning will soon be settled

Passage 5

Science, in practice, depends far less on the experiments it prepares than on the preparedness of the minds of the men who watch the experiments. Sir Isaac Newton supposedly discovered gravity through the fall of an apple. Apples had been falling in many places for centuries and thousands of people had seen them fall. But Newton for years had been curious about the cause of the orbital motion of the moon and planets. What kept them in place? Why didn't they fall out of the sky? The fact that the apple fell down toward the earth and not up into the tree answered the question he had been asking himself about those larger fruits of the heavens, the moon and the planets.

How many men would have considered the possibility of an apple falling up into the tree? Newton did because he was not trying to predict anything. He was just wondering. His mind was ready for the unpredictable. Unpredictability is part of the essential nature of research. If you don't have unpredictable things, you don't have research. Scientists tend to forget this when writing their cut and dried reports for the technical journals, but history is filled with examples of it.

In talking to some scientists, particularly younger ones, you might gather the impression that they find the "scientific method" a substitute for imaginative thought. I've attended research conferences where a scientist has been asked what he thinks about the advisability of continuing a certain experiment. The scientist has frowned, looked at the graphs, and said, "the data are still inconclusive." "We know that," the men from the budget office have said, "but what do you think? Is it worthwhile going on? What do you think we might expect?" The scientist has been

shocked at having even been asked to speculate.

What this amounts to, of course, is that the scientist has become the victim of his own writings. He has put forward unquestioned claims so consistently that he not only believes them himself, but has convinced industrial and business management that they are true. If experiments are planned and carried out according to plan as faithfully as the reports in the science journals indicate, then it is perfectly logical for management to expect research to produce results measurable in dollars and cents. It is entirely reasonable for auditors to believe that scientists who know exactly where they are going and how they will get there should not be distracted by the necessity of keeping one eye on the cash register while the other eye is on the microscope. Nor, if regularity and conformity to a standard pattern are as desirable to the scientist as the writing of his papers would appear to reflect, is management to be blamed for discriminating against the “odd balls” among researchers in favor of more conventional thinkers who “work well with the team”.

27. The author wants to prove with the example of Isaac Newton that.

- [A] inquiring minds are more important than scientific experiments
- [B] science advances when fruitful researches are conducted
- [C] scientists seldom forget the essential nature of research
- [D] unpredictability weighs less than prediction in scientific research

28. The author asserts that scientists.

- [A] shouldn't replace “scientific method” with imaginative thought
- [B] shouldn't neglect to speculate on unpredictable things
- [C] should write more concise reports for technical journals
- [D] should be confident about their research findings

29. It seems that some young scientists.

- [A] have a keen interest in prediction
- [B] often speculate on the future
- [C] think highly of creative thinking
- [D] stick to “scientific method”

30. The author implies that the results of scientific research.

- [A] may not be as profitable as they are expected
- [B] can be measured in dollars and cents
- [C] rely on conformity to a standard pattern
- [D] are mostly underestimated by management

Part III English Chinese Translation

Directions:

Read the following passage carefully and then translate the underlined segments into Chinese. Your translation must be written clearly on ANSWER SHEET 2. (15 points)

31) While there are almost as many definitions of history as there are historians, modern practice most closely conforms to one that sees history as the attempt to recreate and explain the significant events of the past. Caught in the web of its own time and place, each generation of historians determines anew what is significant for it in the past. In this search the evidence found is always incomplete and scattered; it is also frequently partial or partisan. The irony of the historian's craft is that its practitioners always know that their efforts are but contributions to an unending process.

32) Interest in historical methods has arisen less through external challenge to the validity of history as an intellectual discipline and more from internal quarrels among historians themselves. While history once revered its affinity to literature and philosophy, the emerging social sciences seemed to afford greater opportunities for asking new questions and providing rewarding approaches to an understanding of the past. Social science methodologies had to be adapted to a discipline governed by the primacy of historical sources rather than the imperatives of the

contemporary world. 33) During this transfer, traditional historical methods were augmented by additional methodologies designed to interpret the new forms of evidence in the historical study.

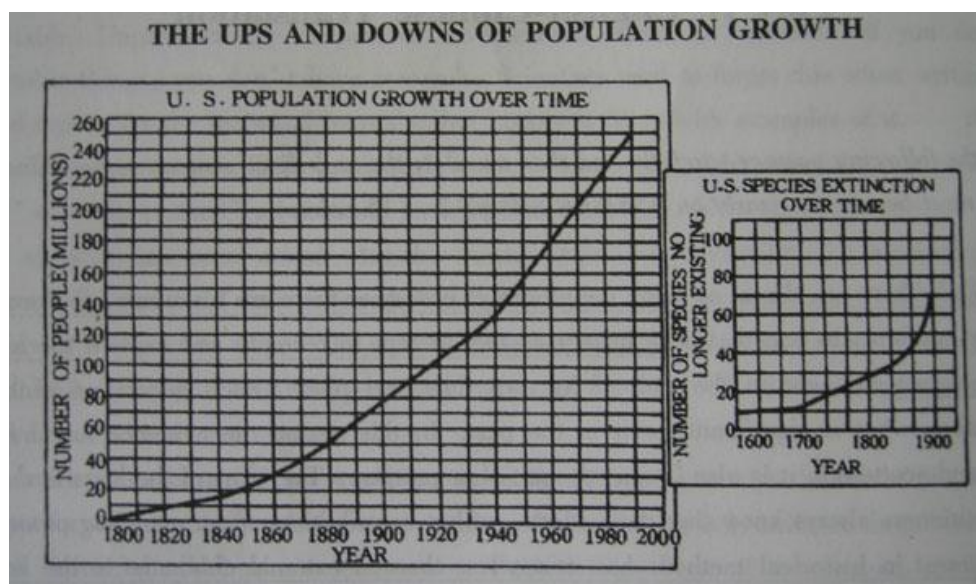
Methodology is a term that remains inherently ambiguous in the historical profession. 34) There is no agreement whether methodology refers to the concepts peculiar to historical work in general or to the research techniques appropriate to the various branches of historical inquiry. Historians, especially those so blinded by their research interests that they have been accused of “tunnel method,” frequently fall victim to the “technical fallacy.” Also common in the natural sciences, the technician fallacy mistakenly identifies the discipline as a whole with certain parts of its technical implementation.

35) It applies equally to traditional historians who view history as only the external and internal criticism of sources, and to social science historians who equate their activity with specific techniques.

Section IV Writing(15 points)

36. Directions:

- A. Study the following graphs carefully and write an essay in at less than 150 words.
- B. Your essay must be written clearly on the ANSWER SHEET 2.
- C. Your essay should cover three points:
 - a. effect of the country’s growing human population on its wildlife,
 - b. possible reasons for the effect,
 - c. your suggestion for wildlife protection



1998 年全国攻读硕士学位研究生入学考试英语试题

Section I Cloze Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C], and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (10 points)

Until recent 1 y most historians spoke very critically of the Industrial Revolution. They 1 that in the long run industrialization greatly raised the standard of living for the 2 man. But they insisted that its 3 results during the period from 1750 to 1850 were widespread poverty and misery for the 4 of the English population. 5 contrast, they saw in the preceding hundred years from 1650 to 1750, when England was still a 6 agricultural country, a period of great abundance and prosperity.

This view, 7, is generally thought to be wrong. Specialists 8 history and economics, have 9 two things: that the period from 1650 to 1750 was 10 by great poverty, and that industrialization certainly did not worsen and may have actually improved the conditions for the majority of the populace.

- | | | | |
|-------------------|----------------|---------------|----------------|
| 1. [A] admitted | [B] believed | [C] claimed | [D] predicted |
| 2. [A] plain | [B] average | [C] mean | [D] normal |
| 3. [A] momentary | [B] prompt | [C] instant | [D] immediate |
| 4. [A] bulk | [B] host | [C] gross | [D] magnitude |
| 5. [A] On | [B] With | [C] For | [D] By |
| 6. [A] broadly | [B] thoroughly | [C] generally | [D] completely |
| 7. [A] however | [B] meanwhile | [C] therefore | [D] moreover |
| 8. [A] at | [B] in | [C] about | [D] for |
| 9. [A] manifested | [B] approved | [C] shown | [D] speculated |
| 10. [A] noted | [B] impressed | [C] labeled | [D] marked |

Section II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each question there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on the ANSWER SHEET 1 by blackening the corresponding letter in the brackets. (40 points)

Text 1

Few creations of big technology capture the imagination like giant dams. Perhaps it is humankind's long suffering at the mercy of flood and drought that makes the idea of forcing the waters to do our bidding so fascinating. But to be fascinated is also, sometimes, to be blind. Several giant dam projects threaten to do more harm than good.

The lesson from dams is that big is not always beautiful. It doesn't help that building a big, powerful dam has become a symbol of achievement for nations and people striving to assert themselves. Egypt's leadership in the Arab world was cemented by the Aswan High Dam. Turkey's bid for First World status includes the giant Ataturk Dam.

But big dams tend not to work as intended. The Aswan Dam, for example, stopped the Nile flooding but deprived Egypt of the fertile silt that floods left -- all in return for a giant reservoir of disease which is now so full of silt that it barely generates electricity.

And yet, the myth of controlling the waters persists. This week, in the heart of civilized Europe, Slovaks and Hungarians stopped just short of sending in the troops in their contention over a dam on the Danube. The huge complex will probably have all the usual problems of big dams. But Slovakia is bidding for independence from the

Czechs, and now needs a dam to prove itself.

Meanwhile, in India, the World Bank has given the go-ahead to the even more wrong-headed Narmada Dam. And the bank has done this even though its advisors say the dam will cause hardship for the powerless and environmental destruction. The benefits are for the powerful, but they are far from guaranteed.

Proper, scientific study of the impacts of dams and of the cost and benefits of controlling water can help to resolve these conflicts. Hydroelectric power and flood control and irrigation are possible without building monster dams. But when you are dealing with myths, it is hard to be either proper, or scientific. It is time that the world learned the lessons of Aswan. You don't need a dam to be saved.

11. The third sentence of Paragraph 1 implies that _____.

- [A] people would be happy if they shut their eyes to reality [B] the blind could be happier than the sighted
[C] over-excited people tend to neglect vital things [D] fascination makes people lose their eyesight

12. In Paragraph 5, "the powerless" probably refers to _____.

- [A] areas short of electricity [B] dams without power stations
[C] poor countries around India [D] common people in the Narmada Dam area

13. What is the myth concerning giant dams?

- [A] They bring in more fertile soil. [B] They help defend the country.
[C] They strengthen international ties. [D] They have universal control of the waters.

14. What the author tries to suggest may best be interpreted as _____.

- [A] "It's no use crying over spilt milk" [B] "More haste, less speed"
[C] "Look before you leap" [D] "He who laughs last laughs best"

Text 2

Well, no gain without pain, they say. But what about pain without gain? Everywhere you go in America, you hear tales of corporate revival. What is harder to establish is whether the productivity revolution that businessmen assume they are presiding over is for real.

The official statistics are mildly discouraging. They show that, if you lump manufacturing and services together, productivity has grown on average by 1.2% since 1987. That is somewhat faster than the average during the previous decade. And since 1991, productivity has increased by about 2% a year, which is more than twice the 1978-87 average. The trouble is that part of the recent acceleration is due to the usual rebound that occurs at this point in a business cycle, and so is not conclusive evidence of a revival in the underlying trend. There is, as Robert Rubin, the treasury secretary, says, a "disjunction" between the mass of business anecdote that points to a leap in productivity and the picture reflected by the statistics.

Some of this can be easily explained. New ways of organizing the workplace -- all that re-engineering and downsizing -- are only one contribution to the overall productivity of an economy, which is driven by many other factors such as joint investment in equipment and machinery, new technology, and investment in education and training. Moreover, most of the changes that companies make are intended to keep them profitable, and this need not always mean increasing productivity: switching to new markets or improving quality can matter just as much.

Two other explanations are more speculative. First, some of the business restructuring of recent years may have been ineptly done. Second, even if it was well done, it may have spread much less widely than people suppose.

Leonard Schlesinger, a Harvard academic and former chief executive of Au Bon Pain, a rapidly growing chain of bakery cafes, says that much "re-engineering" has been crude. In many cases, he believes, the loss of revenue has been greater than the reductions in cost. His colleague, Michael Beer, says that far too many companies have applied re-engineering in a mechanistic fashion, chopping out costs without giving sufficient thought to long-term profitability. BBDO's Al Rosenshine is blunter. He dismisses a lot of the work of re-engineering consultants as mere

rubbish -- “the worst sort of ambulance chasing.”

15. According to the author, the American economic situation is _____.

[A] not as good as it seems

[B] at its turning point

[C] much better than it seems

[D] near to complete recovery

16. The official statistics on productivity growth _____.

[A] exclude the usual rebound in a business cycle

[B] fall short of businessmen’s anticipation

[C] meet the expectation of business people

[D] fail to reflect the true state of economy

17. The author raises the question “what about pain without gain?” because _____.

[A] he questions the truth of “no gain without pain”

[B] he does not think the productivity revolution works

[C] he wonders if the official statistics are misleading

[D] he has conclusive evidence for the revival of businesses

18. Which of the following statements is NOT mentioned in the passage?

[A] Radical reforms are essential for the increase of productivity.

[B] New ways of organizing workplaces may help to increase productivity.

[C] The reduction of costs is not a sure way to gain long-term profitability.

[D] The consultants are a bunch of good-for-nothings.

Text 3

Science has long had an uneasy relationship with other aspects of culture. Think of *Gallileo’s* 17th-century trial for his rebelling belief before the Catholic Church or poet William Blake’s harsh remarks against the mechanistic worldview of Isaac Newton. The schism between science and the humanities has, if anything, deepened in this century.

Until recently, the scientific community was so powerful that it could afford to ignore its critics -- but no longer. As funding for science has declined, scientists have attacked “anti-science” in several books, notably *Higher Superstition*, by Paul R. Gross, a biologist at the University of Virginia, and Norman Levitt, a mathematician at Rutgers University; and *The Demon-Haunted World*, by Carl Sagan of Cornell University.

Defenders of science have also voiced their concerns at meetings such as “The Flight from Science and Reason,” held in New York City in 1995, and “Science in the Age of (Mis) information,” which assembled last June near Buffalo.

Anti-science clearly means different things to different people. Gross and Levitt find fault primarily with sociologists, philosophers and other academics who have questioned science’s objectivity. Sagan is more concerned with those who believe in ghosts, creationism and other phenomena that contradict the scientific worldview.

A survey of news stories in 1996 reveals that the anti-science tag has been attached to many other groups as well, from authorities who advocated the elimination of the last remaining stocks of smallpox virus to Republicans who advocated decreased funding for basic research.

Few would dispute that the term applies to the Unabomber, whose manifesto, published in 1995, scorns science and longs for return to a pre-technological utopia. But surely that does not mean environmentalists concerned about uncontrolled industrial growth are anti-science, as an essay in *US News & World Report* last May seemed to suggest.

The environmentalists, inevitably, respond to such critics. The true enemies of science, argues Paul Ehrlich of Stanford University, a pioneer of environmental studies, are those who question the evidence supporting global warming, the depletion of the ozone layer and other consequences of industrial growth.

Indeed, some observers fear that the anti-science epithet is in danger of becoming meaningless. “The term ‘anti-science’ can lump together too many, quite different things,” notes Harvard University philosopher Gerald Holton in his 1993 work *Science and Anti-Science*. “They have in common only one thing that they tend to annoy or threaten those who regard themselves as more enlightened.”

19. The word “schism” (Line 4, Paragraph 1) in the context probably means _____.

- [A] confrontation [B] dissatisfaction [C] separation [D] contempt

20. Paragraphs 2 and 3 are written to _____.

- [A] discuss the cause of the decline of science’s power [B] show the author’s sympathy with scientists
[C] explain the way in which science develops [D] exemplify the division of science and the humanities

21. Which of the following is true according to the passage?

- [A] Environmentalists were blamed for anti-science in an essay.
[B] Politicians are not subject to the labeling of anti-science.
[C] The “more enlightened” tend to tag others as anti-science.
[D] Tagging environmentalists as “anti-science” is justifiable.

22. The author’s attitude toward the issue of “science vs. anti-science” is _____.

- [A] impartial [B] subjective [C] biased [D] puzzling

Text 4

Emerging from the 1980 census is the picture of a nation developing more and more regional competition, as population growth in the Northeast and Midwest reaches a near standstill.

This development -- and its strong implications for US politics and economy in years ahead -- has enthroned the South as America’s most densely populated region for the first time in the history of the nation’s head counting.

Altogether, the US population rose in the 1970s by 23.2 million people -- numerically the third-largest growth ever recorded in a single decade. Even so, that gain adds up to only 11.4 percent, lowest in American annual records except for the Depression years.

Americans have been migrating south and west in larger numbers since World War II, and the pattern still prevails.

Three sun-belt states -- Florida, Texas and California -- together had nearly 10 million more people in 1980 than a decade earlier. Among large cities, San Diego moved from 14th to 8th and San Antonio from 15th to 10th -- with Cleveland and Washington. D. C., dropping out of the top 10.

Not all that shift can be attributed to the movement out of the snow belt, census officials say. Nonstop waves of immigrants played a role, too -- and so did bigger crops of babies as yesterday’s “baby boom” generation reached its child bearing years.

Moreover, demographers see the continuing shift south and west as joined by a related but newer phenomenon: More and more, Americans apparently are looking not just for places with more jobs but with fewer people, too. Some instances—

■Regionally, the Rocky Mountain states reported the most rapid growth rate -- 37.1 percent since 1970 in a vast area with only 5 percent of the US population.

■Among states, Nevada and Arizona grew fastest of all: 63.5 and 53.1 percent respectively. Except for Florida and Texas, the top 10 in rate of growth is composed of Western states with 7.5 million people -- about 9 per square mile.

The flight from overcrowdedness affects the migration from snow belt to more bearable climates.

Nowhere do 1980 census statistics dramatize more the American search for spacious living than in the Far West. There, California added 3.7 million to its population in the 1970s, more than any other state.

In that decade, however, large numbers also migrated from California, mostly to other parts of the West. Often they chose -- and still are choosing -- somewhat colder climates such as Oregon, Idaho and Alaska in order to escape smog, crime and other plagues of urbanization in the Golden State.

As a result, California's growth rate dropped during the 1970s, to 18.5 percent -- little more than two thirds the 1960s' growth figure and considerably below that of other Western states.

23. Discerned from the perplexing picture of population growth the 1980 census provided, America in 1970s

- _____.
- [A] enjoyed the lowest net growth of population in history
 - [B] witnessed a southwestern shift of population
 - [C] underwent an unparalleled period of population growth
 - [D] brought to a standstill its pattern of migration since World War II

24. The census distinguished itself from previous studies on population movement in that _____.

- [A] it stresses the climatic influence on population distribution
- [B] it highlights the contribution of continuous waves of immigrants
- [C] it reveals the Americans' new pursuit of spacious living
- [D] it elaborates the delayed effects of yesterday's "baby boom"

25. We can see from the available statistics that _____.

- [A] California was once the most thinly populated area in the whole US
- [B] the top 10 states in growth rate of population were all located in the West
- [C] cities with better climates benefited unanimously from migration
- [D] Arizona ranked second of all states in its growth rate of population

26. The word "demographers" (Line 1, Paragraph 8) most probably means _____.

- [A] people in favor of the trend of democracy
- [B] advocates of migration between states
- [C] scientists engaged in the study of population
- [D] conservatives clinging to old patterns of life

Text 5

Scattered around the globe are more than 100 small regions of isolated volcanic activity known to geologists as hot spots. Unlike most of the world's volcanoes, they are not always found at the boundaries of the great drifting plates that make up the earth's surface; on the contrary, many of them lie deep in the interior of a plate. Most of the hot spots move only slowly, and in some cases the movement of the plates past them has left trails of dead volcanoes. The hot spots and their volcanic trails are milestones that mark the passage of the plates.

That the plates are moving is now beyond dispute. Africa and South America, for example, are moving away from each other as new material is injected into the sea floor between them. The complementary coastlines and certain geological features that seem to span the ocean are reminders of where the two continents were once joined. The relative motion of the plates carrying these continents has been constructed in detail, but the motion of one plate with respect to another cannot readily be translated into motion with respect to the earth's interior. It is not possible to determine whether both continents are moving in opposite directions or whether one continent is stationary and the other is drifting away from it. Hot spots, anchored in the deeper layers of the earth, provide the measuring instruments needed to resolve the question. From an analysis of the hot-spot population it appears that the African plate is stationary and that it has not moved during the past 30 million years.

The significance of hot spots is not confined to their role as a frame of reference. It now appears that they also

have an important influence on the geophysical processes that propel the plates across the globe. When a continental plate come to rest over a hot spot, the material rising from deeper layers creates a broad dome. As the dome grows, it develops deep fissures (cracks); in at least a few cases the continent may break entirely along some of these fissures, so that the hot spot initiates the formation of a new ocean. Thus just as earlier theories have explained the mobility of the continents, so hot spots may explain their mutability (inconstancy).

27. The author believes that _____.

- [A] the motion of the plates corresponds to that of the earth's interior
- [B] the geological theory about drifting plates has been proved to be true
- [C] the hot spots and the plates move slowly in opposite directions
- [D] the movement of hot spots proves the continents are moving apart

28. That Africa and South America were once joined can be deduced from the fact that _____.

- [A] the two continents are still moving in opposite directions
- [B] they have been found to share certain geological features
- [C] the African plate has been stable for 30 million years
- [D] over 100 hot spots are scattered all around the globe

29. The hot spot theory may prove useful in explaining _____.

- [A] the structure of the African plates
- [B] the revival of dead volcanoes
- [C] the mobility of the continents
- [D] the formation of new oceans

30. The passage is mainly about _____.

- [A] the features of volcanic activities
- [B] the importance of the theory about drifting plates
- [C] the significance of hot spots in geophysical studies
- [D] the process of the formation of volcanoes

Section IV English-Chinese Translation

Directions:

Read the following passage carefully and then translate the underlined sentences into Chinese. Your translation must be written clearly on the ANSWER SHEET 2. (15 points)

They were, by far, the largest and most distant objects that scientists had ever detected: a strip of enormous cosmic clouds some 15 billion light-years from earth. 31) But even more important, it was the farthest that scientists had been able to look into the past, for what they were seeing were the patterns and structures that existed 15 billion years ago. That was just about the moment that the universe was born. What the researchers found was at once both amazing and expected: the US National Aeronautics and Space Administration's Cosmic Background Explorer satellite -- Cobe -- had discovered landmark evidence that the universe did in fact begin with the primeval explosion that has become known as the Big Bang (the theory that the universe originated in an explosion from a single mass of energy).

32) The existence of the giant clouds was virtually required for the Big Bang, first put forward in the 1920s, to maintain its reign as the dominant explanation of the cosmos. According to the theory, the universe burst into being as a submicroscopic, unimaginably dense knot of pure energy that flew outward in all directions, emitting radiation as it went, condensing into particles and then into atoms of gas. Over billions of years, the gas was compressed by gravity into galaxies, stars, plants and eventually, even humans.

Cobe is designed to see just the biggest structures, but astronomers would like to see much smaller hot spots as

well, the seeds of local objects like clusters and superclusters of galaxies. They shouldn't have long to wait. 33) Astrophysicists working with ground-based detectors at the South Pole and balloon-borne instruments are closing in on such structures, and may report their findings soon.

34) If the small hot spots look as expected, that will be a triumph for yet another scientific idea, a refinement of the Big Bang called the inflationary universe theory. Inflation says that very early on, the universe expanded in size by more than a trillion trillion trillion **trillion** fold in much less than a second, propelled by a sort of antigravity. 35) Odd though it sounds, cosmic inflation is a scientifically plausible consequence of some respected ideas in elementary particle physics, and many astrophysicists have been convinced for the better part of a decade that it is true.

31. _____

32. _____

33. _____

34. _____

35. _____

Section V Writing

Directions:

[A] Study the following cartoon carefully and write an essay in no less than 150 words.

[B] Your essay must be written clearly on the **ANSWER SHEET 2**. (15 points)

[C] Your essay should meet the requirements below:

1. Write out the messages conveyed by the cartoon.
2. Give your comments.



注：图片上的文字是：

本母鸡承诺：

- ①本鸡下蛋不见棱不见角
- ②保证有蛋皮，蛋黄和蛋清

1997 年全国攻读硕士学位研究生入学考试英语试题

Part I Cloze Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C] and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets. (10 points)

Manpower Inc., with 560 000 workers, is the world's largest temporary employment agency. Every morning, its people 1 into the offices and factories of America, seeking a day's work for a day's pay.

One day at a time, 2 industrial giants like General Motors and IBM struggle to survive 3 reducing the number of employees, Manpower, based in Milwaukee, Wisconsin, is booming.

4 its economy continues to recover, the US is increasingly becoming a nation of part-timers and temporary workers. This "5" work force is the most important 6 in American business today, and it is 7 changing the relationship between people and their jobs. The phenomenon provides a way for companies to remain globally competitive 8 avoiding market cycles and the growing burdens 9 by employment rules, health care costs and pension plans. For workers it can mean an end to the security, benefits and sense of 10 that came from being a loyal employee.

- | | | | |
|--------------------|----------------|-------------------|-------------------|
| 1. [A] swarm | [B] stride | [C] separate | [D] slip |
| 2. [A] For | [B] Because | [C] As | [D] Since |
| 3. [A] from | [B] in | [C] on | [D] by |
| 4. [A] Even though | [B] Now that | [C] If only | [D] Provided that |
| 5. [A] durable | [B] disposable | [C] available | [D] transferable |
| 6. [A] approach | [B] flow | [C] fashion | [D] trend |
| 7. [A] instantly | [B] reversely | [C] fundamentally | [D] sufficiently |
| 8. [A] but | [B] while | [C] and | [D] whereas |
| 9. [A] imposed | [B] restricted | [C] illustrated | [D] confined |
| 10. [A] excitement | [B] conviction | [C] enthusiasm | [D] importance |

Part II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each question there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets. (40 points)

Passage 1

It was 3:45 in the morning when the vote was finally taken. After six months of arguing and final 16 hours of hot parliamentary debates, Australia's Northern Territory became the first legal authority in the world to allow doctors to take the lives of incurably ill patients who wish to die. The measure passed by the convincing vote of 15 to 10. Almost immediately word flashed on the Internet and was picked up, half a world away, by John Hofsess, executive director of the Right to Die Society of Canada. He sent it on via the group's on-line service, Death NET. Says Hofsess: "We posted bulletins all day long, because of course this isn't just something that happened in Australia. It's world history."

The full import may take a while to sink in. The NT Rights of the Terminally Ill law has left physicians and citizens alike trying to deal with its moral and practical implications. Some have breathed sighs of relief, others, including churches, right-to-life groups and the Australian Medical Association, bitterly attacked the bill and the haste of its passage. But the tide is unlikely to turn back. In Australia—where an aging population, life-extending technology and changing community attitudes have all played their part—other states are going to consider making a similar law to deal with euthanasia. In the US and Canada, where the right-to-die movement is gathering strength,

observers are waiting for the dominoes to start falling.

Under the new Northern Territory law, an adult patient can request death—probably by a deadly injection or pill—to put an end to suffering. The patient must be diagnosed as terminally ill by two doctors. After a “cooling off” period of seven days, the patient can sign a certificate of request. After 48 hours the wish for death can be met. For Lloyd Nickson, a 54-year-old Darwin resident suffering from lung cancer, the NT Rights of Terminally Ill law means he can get on with living without the haunting fear of his suffering: a terrifying death from his breathing condition. “I’m not afraid of dying from a spiritual point of view, but what I was afraid of was how I’d go, because I’ve watched people die in the hospital fighting for oxygen and clawing at their masks,” he says.

11. From the second paragraph we learn that_____.

- [A] the objection to euthanasia is slow to come in other countries
- [B] physicians and citizens share the same view on euthanasia
- [C] changing technology is chiefly responsible for the hasty passage of the law
- [D] it takes time to realize the significance of the law’s passage

12. When the author says that observers are waiting for the dominoes to start falling, he means_____.

- [A] observers are taking a wait-and-see attitude towards the future of euthanasia
- [B] similar bills are likely to be passed in the US, Canada and other countries
- [C] observers are waiting to see the result of the game of dominoes
- [D] the effect-taking process of the passed bill may finally come to a stop

13. When Lloyd Nickson dies, he will_____.

- [A] face his death with calm characteristic of euthanasia
- [B] experience the suffering of a lung cancer patient
- [C] have an intense fear of terrible suffering
- [D] undergo a cooling off period of seven days

14. The author’s attitude towards euthanasia seems to be that of_____.

- [A] opposition
- [B] suspicion
- [C] approval
- [D] indifference

Passage 2

A report consistently brought back by visitors to the US is how friendly, courteous, and helpful most Americans were to them. To be fair, this observation is also frequently made of Canada and Canadians, and should best be considered North American. There are, of course, exceptions. Small-minded officials, rude waiters, and ill-mannered taxi drivers are hardly unknown in the US. Yet it is an observation made so frequently that it deserves comment.

For a long period of time and in many parts of the country, a traveler was a welcome break in an otherwise dull existence. Dullness and loneliness were common problems of the families who generally lived distant from one another. Strangers and travelers were welcome sources of diversion, and brought news of the outside world.

The harsh realities of the frontier also shaped this tradition of hospitality. Someone traveling alone, if hungry, injured, or ill, often had nowhere to turn except to the nearest cabin or settlement. It was not a matter of choice for the traveler or merely a charitable impulse on the part of the settlers. It reflected the harshness of daily life: if you didn’t take in the stranger and take care of him, there was no one else who would. And someday, remember, you might be in the same situation.

Today there are many charitable organizations which specialize in helping the weary traveler. Yet, the old tradition of hospitality to strangers is still very strong in the US, especially in the smaller cities and towns away from the busy tourist trails. “I was just traveling through, got talking with this American, and pretty soon he invited me home for dinner—amazing.” Such observations reported by visitors to the US are not uncommon, but are not always understood properly. The casual friendliness of many Americans should be interpreted neither as superficial nor as artificial, but as the result of a historically developed cultural tradition.

As is true of any developed society, in America a complex set of cultural signals, assumptions, and conventions underlies all social interrelationships. And, of course, speaking a language does not necessarily mean that someone understands social and cultural patterns. Visitors who fail to “translate” cultural meanings properly often draw wrong conclusions. For example, when an American uses the word “friend”, the cultural implications of the word may be

quite different from those it has in the visitor's language and culture. It takes more than a brief encounter on a bus to distinguish between courteous convention and individual interest. Yet, being friendly is a virtue that many Americans value highly and expect from both neighbors and strangers.

15. In the eyes of visitors from the outside world_____.

- [A] rude taxi drivers are rarely seen in the US
- [B] small-minded officials deserve a serious comment
- [C] Canadians are not so friendly as their neighbors
- [D] most Americans are ready to offer help

16. It could be inferred from the last paragraph that_____.

- [A] culture exercises an influence over social interrelationship
- [B] courteous convention and individual interest are interrelated
- [C] various virtues manifest themselves exclusively among friends
- [D] social interrelationships equal the complex set of cultural conventions

17. Families in frontier settlements used to entertain strangers_____.

- [A] to improve their hard life
- [B] in view of their long-distance travel
- [C] to add some flavor to their own daily life
- [D] out of a charitable impulse

18. The tradition of hospitality to strangers_____.

- [A] tends to be superficial and artificial
- [B] is generally well kept up in the United States
- [C] is always understood properly
- [D] has something to do with the busy tourist trails

Passage 3

Technically, any substance other than food that alters our bodily or mental functioning is a drug. Many people mistakenly believe the term drug refers only to some sort of medicine or an illegal chemical taken by drug addicts. They don't realize that familiar substances such as alcohol and tobacco are also drugs. This is why the more neutral term substance is now used by many physicians and psychologists. The phrase "substance abuse" is often used instead of "drug abuse" to make clear that substances such as alcohol and tobacco can be just as harmfully misused as heroin and cocaine.

We live in a society in which the medical and social use of substances (drugs) is pervasive: an aspirin to quiet a headache, some wine to be sociable, coffee to get going in the morning, a cigarette for the nerves. When do these socially acceptable and apparently constructive uses of a substance become misuses? First of all, most substances taken in excess will produce negative effects such as poisoning or intense perceptual distortions. Repeated use of a substance can also lead to physical addiction or substance dependence. Dependence is marked first by an increased tolerance, with more and more of the substance required to produce the desired effect, and then by the appearance of unpleasant withdrawal symptoms when the substance is discontinued.

Drugs (substances) that affect the central nervous system and alter perception, mood, and behavior are known as psychoactive substances. Psychoactive substances are commonly grouped according to whether they are stimulants, depressants, or hallucinogens. Stimulants initially speed up or activate the central nervous system, whereas depressants slow it down. Hallucinogens have their primary effect on perception, distorting and altering it in a variety of ways including producing hallucinations. These are the substances often called psychedelic (from the Greek word meaning "mind-manifestation") because they seemed to radically alter one's state of consciousness.

19. "Substance abuse"(Line 5, Paragraph 1) is preferable to "drug abuse" in that_____.

- [A] substances can alter our bodily or mental functioning if illegally used
- [B] "drug abuse" is only related to a limited number of drugtakers
- [C] alcohol and tobacco are as fatal as heroin and cocaine
- [D] many substances other than heroin or cocaine can also be poisonous

20. The word "pervasive" (Line 1, Paragraph 2) might mean_____.

- [A] widespread [B] overwhelming
[C] piercing [D] fashionable

21. Physical dependence on certain substances results from_____.

- [A] uncontrolled consumption of them over long periods of time
[B] exclusive use of them for social purposes
[C] quantitative application of them to the treatment of diseases
[D] careless employment of them for unpleasant symptoms

22. From the last paragraph we can infer that_____.

- [A] stimulants function positively on the mind
[B] hallucinogens are in themselves harmful to health
[C] depressants are the worst type of psychoactive substances
[D] the three types of psychoactive substances were commonly used in groups

Passage 4

No company likes to be told it is contributing to the moral decline of a nation. "Is this what you intended to accomplish with your careers?" Senator Robert Dole asked Time Warner executives last week. "You have sold your souls, but must you corrupt our nation and threaten our children as well?" At Time Warner, however, such questions are simply the latest manifestation of the soul-searching that has involved the company ever since the company was born in 1990. It's a self-examination that has, at various times, involved issues of responsibility, creative freedom and the corporate bottom line.

At the core of this debate is chairman Gerald Levin, 56, who took over for the late Steve Ross in 1992. On the financial front, Levin is under pressure to raise the stock price and reduce the company's mountainous debt, which will increase to \$ 17.3 billion after two new cable deals close. He has promised to sell off some of the property and restructure the company, but investors are waiting impatiently.

The flap over rap is not making life any easier for him. Levin has consistently defended the company's rap music on the grounds of expression. In 1992, when Time Warner was under fire for releasing Ice-T's violent rap song Cop Killer, Levin described rap as a lawful expression of street culture, which deserves an outlet. "The test of any democratic society," he wrote in a Wall Street Journal column, "lies not in how well it can control expression but in whether it gives freedom of thought and expression the widest possible latitude, however disputable or irritating the results may sometimes be. We won't retreat in the face of any threats."

Levin would not comment on the debate last week, but there were signs that the chairman was backing off his hard-line stand, at least to some extent. During the discussion of rock singing verses at last month's stockholders' meeting, Levin asserted that "music is not the cause of society's ills" and even cited his son, a teacher in the Bronx, New York, who uses rap to communicate with students. But he talked as well about the "balanced struggle" between creative freedom and social responsibility, and he announced that the company would launch a drive to develop standards for distribution and labeling of potentially objectionable music.

The 15-member Time Warner board is generally supportive of Levin and his corporate strategy. But insiders say several of them have shown their concerns in this matter. "Some of us have known for many, many years that the freedoms under the First Amendment are not totally unlimited," says Luce. "I think it is perhaps the case that some people associated with the company have only recently come to realize this."

23. Senator Robert Dole criticized Time Warner for_____.

- [A] its raising of the corporate stock price [B] its self-examination of soul
[C] its neglect of social responsibility [D] its emphasis on creative freedom

24. According to the passage, which of the following is TRUE?

- [A] Luce is a spokesman of Time Warner. [B] Gerald Levin is liable to compromise.
[C] Time Warner is united as one in the face of the debate. [D] Steve Ross is no longer alive

25. In face of the recent attacks on the company, the chairman_____.

- [A] stuck to a strong stand to defend freedom of expression
[B] softened his tone and adopted some new policy

- [C] changed his attitude and yielded to objection
[D] received more support from the 15-member board

26. The best title for this passage might be ____.

- [A] A Company under Fire [B] A Debate on Moral Decline
[C] A Lawful Outlet of Street Culture [D] A Form of Creative Freedom

Passage 5

Much of the language used to describe monetary policy, such as “steering the economy to a soft landing” or “a touch on the brakes”, makes it sound like a precise science. Nothing could be further from the truth. The link between interest rates and inflation is uncertain. And there are long, variable lags before policy changes have any effect on the economy. Hence the analogy that likens the conduct of monetary policy to driving a car with a blackened windscreen, a cracked rear-view mirror and a faulty steering wheel.

Given all these disadvantages, central bankers seem to have had much to boast about of late. Average inflation in the big seven industrial economies fell to a mere 2.3% last year, close to its lowest level in 30 years, before rising slightly to 2.5% this July. This is a long way below the double-digit rates which many countries experienced in the 1970s and early 1980s.

It is also less than most forecasters had predicted. In late 1994 the panel of economists which The Economist polls each month said that America’s inflation rate would average 3.5% in 1995. In fact, it fell to 2.6% in August, and is expected to average only about 3% for the year as a whole. In Britain and Japan inflation is running half a percentage point below the rate predicted at the end of last year. This is no flash in the pan; over the past couple of years, inflation has been consistently lower than expected in Britain and America.

Economists have been particularly surprised by favourable inflation figures in Britain and the United States, since conventional measures suggest that both economies, and especially America’s, have little productive slack. America’s capacity utilisation, for example, hit historically high levels earlier this year, and its jobless rate (5.6% in August) has fallen below most estimates of the natural rate of unemployment—the rate below which inflation has taken off in the past.

Why has inflation proved so mild? The most thrilling explanation is, unfortunately, a little defective. Some economists argue that powerful structural changes in the world have up-ended the old economic models that were based upon the historical link between growth and inflation.

27. From the passage we learn that ____.

- [A] there is a definite relationship between inflation and interest rates
[B] economy will always follow certain models
[C] the economic situation is better than expected
[D] economists had foreseen the present economic situation

28. According to the passage, which of the following is TRUE?

- [A] Making monetary policies is comparable to driving a car.
[B] An extremely low jobless rate will lead to inflation.
[C] A high unemployment rate will result from inflation.
[D] Interest rates have an immediate effect on the economy.

29. The sentence “This is no flash in the pan” (Line 5, Paragraph 3) means that ____.

- [A] the low inflation rate will last for some time [B] the inflation rate will soon rise
[C] the inflation will disappear quickly [D] there is no inflation at present

30. The passage shows that the author is the present situation ____.

- [A] critical of [B] puzzled by
[C] disappointed at [D] amazed at

Part III English-Chinese Translation

Directions:

Read the following passage carefully and then translate the underlined segments into Chinese. Your translation

must be written clearly on ANSWER SHEET 2. (15 points)

Do animals have rights? This is how the question is usually put. It sounds like a useful, ground-clearing way to start. 31) Actually, it isn't, because it assumes that there is an agreed account of human rights, which is something the world does not have.

On one view of rights, to be sure, it necessarily follows that animals have none. 32) Some philosophers argue that rights exist only within a social contract, as part of an exchange of duties and entitlements. Therefore animals cannot have rights. The idea of punishing a tiger that kills somebody is absurd, for exactly the same reason, so is the idea that tigers have rights. However, this is only one account, and by no means an uncontested one. It denies rights not only to animals but also to some people—for instance, to infants, the mentally incapable and future generations. In addition, it is unclear what force a contract can have for people who never consented to it: how do you reply to somebody who says “I don't like this contract”?

The point is this: without agreement on the rights of people, arguing about the rights of animals is fruitless. 33) It leads the discussion to extremes at the outset: it invites you to think that animals should be treated either with the consideration humans extend to other humans, or with no consideration at all. This is a false choice. Better to start with another, more fundamental, question: is the way we treat animals a moral issue at all?

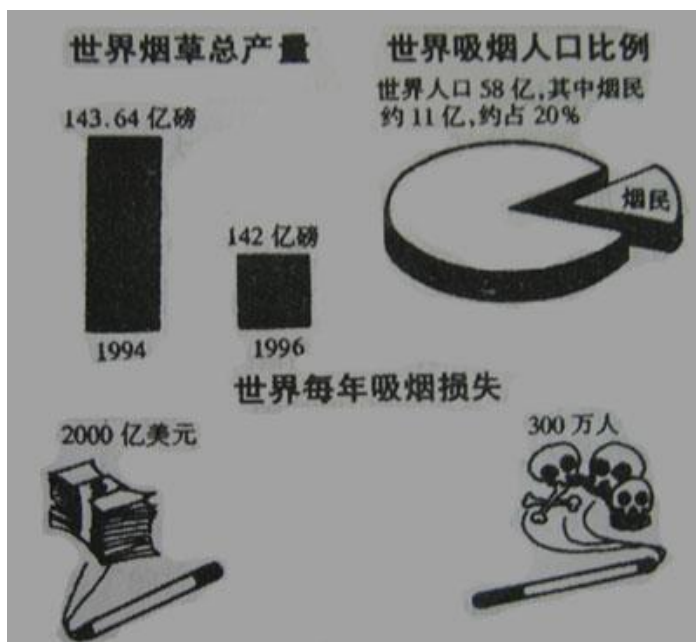
Many deny it. 34) Arguing from the view that humans are different from animals in every relevant respect, extremists of this kind think that animals lie outside the area of moral choice. Any regard for the suffering of animals is seen as a mistake—a sentimental displacement of feeling that should properly be directed to other humans.

This view, which holds that torturing a monkey is morally equivalent to chopping wood, may seem bravely “logical”. In fact it is simply shallow: the confused centre is right to reject it. The most elementary form of moral reasoning—the ethical equivalent of learning to crawl—is to weigh other's interests against one's own. This in turn requires sympathy and imagination: without which there is no capacity for moral thought. To see an animal in pain is enough, for most, to engage sympathy. 35) When that happens, it is not a mistake: it is mankind's instinct for moral reasoning in action, an instinct that should be encouraged rather than laughed at.

Section IV Writing(15 points)

36. Directions:

- A. Study the following set of pictures carefully and write an essay in no less than 120 words.
- B. Your essay must be written clearly on ANSWER SHEET 2.
- C. Your essay should cover all the information provided and meet the requirements below:
 1. Interpret the following pictures.
 2. Predict the tendency of tobacco consumption and give your reasons.



1996 年全国攻读硕士学位研究生入学考试英语试题

Part I Cloze Test

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C] and [D]. Choose the best one and mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets. (10 points)

Vitamins are organic compounds necessary in small amounts in the diet for the normal growth and maintenance of life of animals, including man.

They do not provide energy, 1 do they construct or build any part of the body. They are needed for 2 foods into energy and body maintenance. There are thirteen or more of them, and if 3 is missing a deficiency disease becomes 4 .

Vitamins are similar because they are made of the same elements—usually carbon, hydrogen, oxygen, and 5 nitrogen. They are different 6 their elements are arranged differently, and each vitamin 7 one or more specific functions in the body.

8 enough vitamins is essential to life, although the body has no nutritional use for 9 vitamins. Many people, 10 , believe in being on the “safe side” and thus take extra vitamins. However, a well balanced diet will usually meet all the body’s vitamin needs.

- | | | | |
|----------------------|------------------|---------------|------------------|
| 1. [A] either | [B] so | [C] nor | [D] never |
| 2. [A] shifting | [B] transferring | [C] altering | [D] transforming |
| 3. [A] any | [B] some | [C] anything | [D] something |
| 4. [A] serious | [B] apparent | [C] severe | [D] fatal |
| 5. [A] mostly | [B] partially | [C] sometimes | [D] rarely |
| 6. [A] in that | [B] so that | [C] such that | [D] except that |
| 7. [A] undertakes | [B] holds | [C] plays | [D] performs |
| 8. [A] Supplying | [B] Getting | [C] Providing | [D] Furnishing |
| 9. [A] exceptional | [B] exceeding | [C] excess | [D] external |
| 10. [A] nevertheless | [B] therefore | [C] moreover | [D] meanwhile |

Part II Reading Comprehension

Directions:

Each of the passages below is followed by some questions. For each questions there are four answers marked [A], [B], [C] and [D]. Read the passages carefully and choose the best answer to each of the questions. Then mark your answer on ANSWER SHEET 1 by blackening the corresponding letter in the brackets with a pencil. (40 points)

Passage 1

Tight lipped elders used to say, “It’s not what you want in this world, but what you get.”

Psychology teaches that you do get what you want if you know what you want and want the right things.

You can make a mental blueprint of a desire as you would make a blueprint of a house, and each of us is continually making these blueprints in the general routine of everyday living. If we intend to have friends to dinner, we plan the menu, make a shopping list, decide which food to cook first, and such planning is an essential for any type of meal to be served.

Likewise, if you want to find a job, take a sheet of paper, and write a brief account of yourself. In making a blueprint for a job, begin with yourself, for when you know exactly what you have to offer, you can intelligently plan where to sell your services.

This account of yourself is actually a sketch of your working life and should include education, experience and references. Such an account is valuable. It can be referred to in filling out standard application blanks and is extremely helpful in personal interviews. While talking to you, your could be employer is deciding whether your education, your experience, and other qualifications will pay him to employ you and your “wares” and abilities must be displayed in an orderly and reasonably connected manner.

When you have carefully prepared a blueprint of your abilities and desires, you have something tangible to sell. Then you are ready to hunt for a job. Get all the possible information about your could be job. Make inquiries as to the details regarding the job and the firm. Keep your eyes and ears open, and use your own judgment. Spend a certain amount of time each day seeking the employment you wish for, and keep in mind: Securing a job is your job now.

11. What do the elders mean when they say, “It’s not what you want in this world, but what you get.”?

- [A] You’ll certainly get what you want.
- [B] It’s no use dreaming.
- [C] You should be dissatisfied with what you have.
- [D] It’s essential to set a goal for yourself.

12. A blueprint made before inviting a friend to dinner is used in this passage as ____.

- [A] an illustration of how to write an application for a job
- [B] an indication of how to secure a good job
- [C] a guideline for job description
- [D] a principle for job evaluation

13. According to the passage, one must write an account of himself before starting to find a job because ____ .

- [A] that is the first step to please the employer
- [B] that is the requirement of the employer
- [C] it enables him to know when to sell his services
- [D] it forces him to become clearly aware of himself

14. When you have carefully prepared a blueprint of your abilities and desires, you have something ____.

- [A] definite to offer [B] imaginary to provide
- [C] practical to supply [D] desirable to present

Passage 2

With the start of BBC World Service Television, millions of viewers in Asia and America can now watch the Corporation’s news coverage, as well as listen to it.

And of course in Britain listeners and viewers can tune in to two BBC television channels, five BBC national radio services and dozens of local radio stations. They are brought sport, comedy, drama, music, news and current affairs, education, religion, parliamentary coverage, children’s programmes and films for an annual licence fee of £ 83 per household.

It is a remarkable record, stretching back over 70 years — yet the BBC’s future is now in doubt. The Corporation will survive as a publicly funded broadcasting organization, at least for the time being, but its role, its size and its programmes are now the subject of a nation wide debate in Britain.

The debate was launched by the Government, which invited anyone with an opinion of the BBC — including ordinary listeners and viewers — to say what was good or bad about the Corporation, and even whether they thought it was worth keeping. The reason for its inquiry is that the BBC’s royal charter runs out in 1996 and it must decide whether to keep the organization as it is, or to make changes.

Defenders of the Corporation — of whom there are many — are fond of quoting the American slogan “If it ain’t broke, don’t fix it.” The BBC “ain’t broke”, they say, by which they mean it is not broken (as distinct from the word

‘broke’, meaning having no money), so why bother to change it?

Yet the BBC will have to change, because the broadcasting world around it is changing. The commercial TV channels — ITV and Channel 4 — were required by the Thatcher Government’s Broadcasting Act to become more commercial, competing with each other for advertisers, and cutting costs and jobs. But it is the arrival of new satellite channels — funded partly by advertising and partly by viewers’ subscriptions — which will bring about the biggest changes in the long term.

15. The world famous BBC now faces ____ .
[A] the problem of news coverage [B] an uncertain prospect
[C] inquiries by the general public [D] shrinkage of audience
16. In the passage, which of the following about the BBC is not mentioned as the key issue?
[A] Extension of its TV service to Far East.
[B] Programmes as the subject of a nation-wide debate.
[C] Potentials for further international co-operations.
[D] Its existence as a broadcasting organization.
17. The BBC’s “royal charter” (Line 4, Paragraph 4) stands for ____ .
[A] the financial support from the royal family.
[B] the privileges granted by the Queen.
[C] a contract with the Queen.
[D] a unique relationship with the royal family.
18. The foremost reason why the BBC has to readjust itself is no other than ____ .
[A] the emergence of commercial TV channels.
[B] the enforcement of Broadcasting Act by the government.
[C] the urgent necessity to reduce costs and jobs.
[D] the challenge of new satellite channels.

Passage 3

In the last half of the nineteenth century “capital” and “labour” were enlarging and perfecting their rival organizations on modern lines. Many an old firm was replaced by a limited liability company with a bureaucracy of salaried managers. The change met the technical requirements of the new age by engaging a large professional element and prevented the decline in efficiency that so commonly spoiled the fortunes of family firms in the second and third generation after the energetic founders. It was moreover a step away from individual initiative, towards collectivism and municipal and state-owned business. The railway companies, though still private business managed for the benefit of shareholders, were very unlike old family business. At the same time the great municipalities went into business to supply lighting, trams and other services to the taxpayers.

The growth of the limited liability company and municipal business had important consequences. Such large, impersonal manipulation of capital and industry greatly increased the numbers and importance of shareholders as a class, an element in national life representing irresponsible wealth detached from the land and the duties of the landowners; and almost equally detached from the responsible management of business. All through the nineteenth century, America, Africa, India, Australia and parts of Europe were being developed by British capital, and British shareholders were thus enriched by the world’s movement towards industrialization. Towns like Bournemouth and Eastbourne sprang up to house large “comfortable” classes who had retired on their incomes, and who had no relation to the rest of the community except that of drawing dividends and occasionally attending a shareholders’ meeting to dictate their orders to the management. On the other hand “shareholding” meant leisure and freedom which was used by many of the later Victorians for the highest purpose of a great civilization.

The “shareholders” as such had no knowledge of the lives, thoughts or needs of the workmen employed by the company in which he held shares, and his influence on the relations of capital and labor was not good. The paid manager acting for the company was in more direct relation with the men and their demands, but even he had seldom

that familiar personal knowledge of the workmen which the employer had often had under the more patriarchal system of the old family business now passing away. Indeed the mere size of operations and the numbers of workmen involved rendered such personal relations impossible. Fortunately, however, the increasing power and organization of the trade unions, at least in all skilled trades, enabled the workmen to meet on equal terms the managers of the companies who employed them. The cruel discipline of the strike and lockout taught the two parties to respect each other's strength and understand the value of fair negotiation.

19. It's true of the old family firms that ____ .
- [A] they were spoiled by the younger generations
 - [B] they failed for lack of individual initiative
 - [C] they lacked efficiency compared with modern companies
 - [D] they could supply adequate services to the taxpayers
20. The growth of limited liability companies resulted in ____.
- [A] the separation of capital from management
 - [B] the ownership of capital by managers
 - [C] the emergence of capital and labour as two classes
 - [D] the participation of shareholders in municipal business
21. According to the passage, all of the following are true except that ____.
- [A] the shareholders were unaware of the needs of the workers
 - [B] the old firm owners had a better understanding of their workers
 - [C] the limited liability companies were too large to run smoothly
 - [D] the trade unions seemed to play a positive role
22. The author is most critical of ____.
- [A] family firm owners
 - [B] landowners
 - [C] managers
 - [D] shareholders

Passage 4

What accounts for the great outburst of major inventions in early America—breakthroughs such as the telegraph, the steamboat and the weaving machine?

Among the many shaping factors, I would single out the country's excellent elementary schools; a labor force that welcomed the new technology; the practice of giving premiums to inventors; and above all the American genius for nonverbal, "spatial" thinking about things technological.

Why mention the elementary schools? Because thanks to these schools our early mechanics, especially in the New England and Middle Atlantic states, were generally literate and at home in arithmetic and in some aspects of geometry and trigonometry.

Acute foreign observers related American adaptiveness and inventiveness to this educational advantage. As a member of a British commission visiting here in 1853 reported, "With a mind prepared by thorough school discipline, the American boy develops rapidly into the skilled workman."

A further stimulus to invention came from the "premium" system, which preceded our patent system and for years ran parallel with it. This approach, originated abroad, offered inventors medals, cash prizes and other incentives.

In the United States, multitudes of premiums for new devices were awarded at country fairs and at the industrial fairs in major cities. Americans flocked to these fairs to admire the new machines and thus to renew their faith in the beneficence of technological advance.

Given this optimistic approach to technological innovation, the American worker took readily to that special kind of nonverbal thinking required in mechanical technology. As Eugene Ferguson has pointed out, "A technologist thinks about objects that cannot be reduced to unambiguous verbal descriptions; they are dealt with in his mind by a visual, nonverbal process ... The designer and the inventor ... are able to assemble and manipulate in their minds

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devices that as yet do not exist.”

This nonverbal “spatial” thinking can be just as creative as painting and writing. Robert Fulton once wrote, “The mechanic should sit down among levers, screws, wedges, wheels, etc, like a poet among the letters of the alphabet, considering them as an exhibition of his thoughts, in which a new arrangement transmits a new idea.”

When all these shaping forces—schools, open attitudes, the premium system, a genius for spatial thinking—interacted with one another on the rich U.S. mainland, they produced that American characteristic emulation. Today that word implies mere imitation. But in earlier times it meant a friendly but competitive striving for fame and excellence.

23. According to the author, the great outburst of major inventions in early America was in a large part due to ____ .

- [A] elementary schools [B] enthusiastic workers
[C] the attractive premium system [D] a special way of thinking

24. It is implied that adaptiveness and inventiveness of the early American mechanics ____.

- [A] benefited a lot from their mathematical knowledge.
[B] shed light on disciplined school management.
[C] was brought about by privileged home training.
[D] owed a lot to the technological development.

25. A technologist can be compared to an artist because ____.

- [A] they are both winners of awards. [B] they are both experts in spatial thinking.
[C] they both abandon verbal description [D] they both use various instruments

26. The best title for this passage might be ____ .

- [A] Inventive Mind [B] Effective Schooling
[C] Ways of Thinking [D] Outpouring of Inventions

Passage 5

Rumor has it that more than 20 books on creationism/evolution are in the publisher’s pipelines. A few have already appeared. The goal of all will be to try to explain to a confused and often unenlightened citizenry that there are not two equally valid scientific theories for the origin and evolution of universe and life. Cosmology, geology, and biology have provided a consistent, unified, and constantly improving account of what happened. “Scientific” creationism, which is being pushed by some for “equal time” in the classrooms whenever the scientific accounts of evolution are given, is based on religion, not science. Virtually all scientists and the majority of nonfundamentalist religious leaders have come to regard “scientific” creationism as bad science and bad religion.

The first four chapters of Kitcher’s book give a very brief introduction to evolution. At appropriate places, he introduces the criticisms of the creationists and provides answers. In the last three chapters, he takes off his gloves and gives the creationists a good beating. He describes their programmes and tactics, and, for those unfamiliar with the ways of creationists, the extent of their deception and distortion may come as an unpleasant surprise. When their basic motivation is religious, one might have expected more Christian behavior.

Kitcher is a philosopher, and this may account, in part, for the clarity and effectiveness of his arguments. The non-specialist will be able to obtain at least a notion of the sorts of data and argument that support evolutionary theory. The final chapters on the creationists will be extremely clear to all. On the dust jacket of this fine book, Stephen Jay Gould says: “This book stands for reason itself.” And so it does - and all would be well were reason the only judge in the creationism/evolution debate.

27. “Creationism” in the passage refers to ____.

- [A] evolution in its true sense as to the origin of the universe
[B] a notion of the creation of religion
[C] the scientific explanation of the earth formation
[D] the deceptive theory about the origin of the universe

28. Kitcher's book is intended to ____ .

[A] recommend the views of the evolutionists

[B] expose the true features of creationists

[C] curse bitterly at his opponents

[D] launch a surprise attack on creationists

29. From the passage we can infer that ____.

[A] reasoning has played a decisive role in the debate

[B] creationists do not base their argument on reasoning

[C] evolutionary theory is too difficult for non-specialists

[D] creationism is supported by scientific findings

30. This passage appears to be a digest of ____.

[A] a book review

[B] a scientific paper

[C] a magazine feature

[D] a newspaper editorial

Part III English—Chinese Translation

Directions:

Read the following text carefully and then translate the underlined segments into Chinese. Your translation should be written clearly on ANSWER SHEET 2. (15 points)

The differences in relative growth of various areas of scientific research have several causes. 31) Some of these causes are completely reasonable results of social needs. Others are reasonable consequences of particular advances in science being to some extent self-accelerating. Some, however, are less reasonable processes of different growth in which preconceptions of the form scientific theory ought to take, by persons in authority, act to alter the growth pattern of different areas. This is a new problem probably not yet unavoidable; but it is a frightening trend. 32) This trend began during the Second World War, when several governments came to the conclusion that the specific demands that a government wants to make of its scientific establishment cannot generally be foreseen in detail. It can be predicted, however, that from time to time questions will arise which will require specific scientific answers. It is therefore generally valuable to treat the scientific establishment as a resource or machine to be kept in functional order. 33) This seems mostly effectively done by supporting a certain amount of research not related to immediate goals but of possible consequence in the future.

This kind of support, like all government support, requires decisions about the appropriate recipients of funds. Decisions based on utility as opposed to lack of utility are straightforward. But a decision among projects none of which has immediate utility is more difficult. The goal of the supporting agencies is the praisable one of supporting "good" as opposed to "bad" science, but a valid determination is difficult to make. Generally, the idea of good science tends to become confused with the capacity of the field in question to generate an elegant theory. 34) However, the world is so made that elegant systems are in principle unable to deal with some of the world's more fascinating and delightful aspects. 35) New forms of thought as well as new subjects for thought must arise in the future as they have in the past, giving rise to new standards of elegance.

Section IV Writing

36. Directions:

A. Title: GOOD HEALTH

B. Time limit: 40minutes

C. Word limit: 120—150 words (not including the given opening sentence)

D. Your composition should be based on the "OUTLINE" below and should start with the given opening sentence: "The desire for good health is universal".

E. Your composition must be written clearly on the ANSWER SHEET.

Outline:

1. Importance of good health.

2. Ways to keep fit.

3. My own practices.