



## 注意事項：

1. 答案卷書寫題號依序作答，不必抄題。
2. 答案卷不可書寫任何可辨別個人姓名或特殊標記，違反者以零分計算。
3. 請於試題紙上填寫准考證號，繳卷時「試題」、「答案卷」一併繳回。

**Section I: Reading Comprehension. (15%)**

National borders have no meaning for the atmosphere. This was demonstrated to the world by the Chernobyl nuclear plant disaster and again by the eruption of Mt. Pinatubo. Whatever enters the atmosphere in one country soon travels around the world. And so, scientists are now worried about the global effects of air pollution. Research shows, in fact, that the earth's atmosphere is changing in ways that could be destructive to life. Pollution could be a major cause of this.

One of the pollutants that is causing the greatest concern is carbon dioxide. It is released into the air when coal or petroleum is burned. Carbon dioxide has always been a part of our atmosphere, the product of certain natural processes. However, in recent decades, the amount of carbon dioxide in the atmosphere has greatly increased. This is the result of an enormous increase in the amount of coal and petroleum burned fuel.

The result of the increase of carbon dioxide in the atmosphere is the so-called "greenhouse effect". The carbon monoxide acts like a glass screen, making the sun's heat more intense. There are already signs of global warming, say many scientists. Over the next century, average temperatures could rise by as much as four degrees centigrade.

Choose the correct answers.

1. This passage is about
  - (a) carbon dioxide in the atmosphere.
  - (b) how air pollution is a global problem.
  - (c) how some countries pollute the air.
  - (d) the effects of global warming.
2. The Chernobyl disaster showed that
  - (a) the atmosphere has not changed.
  - (b) scientists do not understand air pollution.
  - (c) air pollution is mainly a local problem.
  - (d) pollutants in the air can travel far.
3. Carbon dioxide
  - (a) is produced by the burning of coal and petroleum.
  - (b) is produced by forests.
  - (c) was produced by the Chernobyl disaster.
  - (d) is no longer produced by natural process.
4. Air pollution from burning fuels has caused.
  - (a) a decrease in carbon dioxide levels.
  - (b) a dramatic increase in carbon dioxide levels.
  - (c) no change in carbon dioxide levels.
  - (d) a small increase in carbon dioxide levels.
5. The "greenhouse effect" will
  - (a) lead to a cooler climate worldwide.
  - (b) cause the earth's forest forests to disappear.
  - (c) lead to a warmer climate worldwide.
  - (d) increase the levels of carbon dioxide.

**Section II: Cloze. (15%)**

Psychologists agree that most of us have creative potential that is 6 than what we use in daily life. In other words, we can be more creative than we realize! The problem is 7 we mainly use only half of the brain - the left hemisphere. From childhood, we are 8 reading, writing, and mathematics in school, but we are exposed to very little music or art. Therefore, many of us might not "exercise" our right hemisphere much, except 9 dreams, symbols, and those wonderful insights in which we suddenly find the answer to a problem that has been bothering us - and do so without the 10 for logic. Can we be taught to use the right hemisphere more? Many experts believe so.

- 6. (a) great (b) greater (c) greatest (d) the greatest
- 7. (a) which (b) in which (c) that (d) because of
- 8. (a) teach (b) taught (c) teacher (d) teaches
- 9. (a) because (b) about (c) through (d) though
- 10. (a) need (b) needing (c) necessarily (d) necessary

**Section III: Grammar. (40%)**

- 11. I wish Janet \_\_\_\_\_ to the meeting this afternoon.  
(a) came (b) could come  
(c) can come (d) will come
  
- 12. Monetary gifts can be tax free if they \_\_\_\_\_ for worthwhile ends.  
(a) are to use (b) is used  
(c) are to be used (d) is being used
  
- 13. Jimmy never seems to get angry. I sure wish I \_\_\_\_\_ her patience.  
(a) would have (b) have  
(c) have had (d) had
  
- 14. Perhaps it will be a long time \_\_\_\_\_ from abroad.  
(a) when Tom comes back (b) when Tom will come back  
(c) before Tom comes back (d) that Tom comes back
  
- 15. "The street is slippery." "Hold my arm \_\_\_\_\_."  
(a) so that you don't fall (b) that you couldn't fall  
(c) so you wouldn't be falling (d) that you won't be falling
  
- 16. I wish you \_\_\_\_\_ making that noise. It's bothering me..  
(a) can stop (b) stop  
(c) are going to stop (d) would stop
  
- 17. I expect Mary \_\_\_\_\_ here early tonight. She should arrive in the next half hour.  
(a) coming (b) to come  
(c) having come (d) to have come
  
- 18. \_\_\_\_\_ Kim reaches here, we'll go right away to the meeting room.  
(a) Since (b) Until  
(c) Now that (d) As soon as
  
- 19. For the most part, young children spend their time playing, eating, and \_\_\_\_\_ a lot.  
(a) they sleep (b) sleeping  
(c) sleep (d) they are sleeping

20. "Why wasn't Jane in class?" "She overslept and was \_\_\_\_\_ late that she missed the bus."  
(a) too (b) so  
(c) much (d) very
21. "He helps you quite a lot."  
"We feel grateful \_\_\_\_\_ his help."  
(a) to (b) in  
(c) for (d) with
22. "How are you going?"  
"We are going \_\_\_\_\_ boat."  
(a) in (b) by  
(c) on (d) with
23. Erin likes to swim, jog, and \_\_\_\_\_ tennis.  
(a) plays (b) play  
(c) to play (d) playing
24. It is possible for a microscope \_\_\_\_\_ one or more lenses.  
(a) has (b) have  
(c) that has (d) to have
25. Pictures \_\_\_\_\_ with a telescope are inverted.  
(a) taken (b) they took them  
(c) to take (d) are taken
26. Joe won't graduate this semester \_\_\_\_\_ he works hard.  
(a) because (b) in the event that  
(c) unless (d) only if
27. The students were very angry \_\_\_\_\_ they were asked to leave the gym..  
(a) then (b) during  
(c) each time that (d) when
28. Younger kids are more dependent \_\_\_\_\_ older kids.  
(a) when (b) or  
(c) than (d) as of
29. Please remember \_\_\_\_\_ your hand during the test if you have a question.  
(a) raising (b) to raise  
(c) having raise (d) to have raised
30. If I weren't working for an accounting firm, I \_\_\_\_\_ in a bank.  
(a) work (b) will work  
(c) have worked (d) would be working

**Section IV: Composition. (30%)**

In NOT MORE than 50 words, write "How important is a Master's degree to you?" (NOTE: DO NOT EXCEED more than 50 words or extra points will be deducted.)