



**PART A: Vocabulary (30%)**

1. Mr. Lo's comments were very difficult to follow because they were \_\_\_\_ related to the topic under discussion.  
(A) typically      (B) specifically      (C) consequently      (D) loosely
2. In his speech, Dr. Lin presented all the reports about the energy crisis to \_\_\_\_\_ the need for developing new energy resources.  
(A) command      (B) highlight      (C) formulate      (D) regulate
3. Our proposal won \_\_\_\_\_ support.  
(A) overwhelming      (B) incidental      (C) ironic      (D) literate
4. I don't like \_\_\_\_\_ jobs that don't involve any creativity.  
(A) monotonous      (B) jolly      (C) antique      (D) astonishing
5. The goods will be packed in strict accordance with your \_\_\_\_\_.  
(A) relationship      (B) transit      (C) instructions      (D) hospitality
6. George at first had difficulty swimming across the pool, but he finally succeeded on his fourth \_\_\_\_\_.  
(A) attempt      (B) display      (C) instance      (D) process
7. John had failed to pay his phone bills for months, so his telephone was \_\_\_\_ last week.  
(A) excluded      (B) discriminated      (C) disconnected      (D) interrupted
8. Bella always finds herself \_\_\_\_\_ and her heart skipping a beat whenever Edward flashes her a captivating smile.  
(A) waving      (B) staring      (C) striking      (D) flushing
9. To make both ends meet, the company tried every means to \_\_\_\_\_ on manpower and material resources.  
(A) embark      (B) dwell      (C) economize      (D) border
10. The radical reforms of the national health system will be \_\_\_\_\_ in one year, which will benefit more than 200,000 low-income people.  
(A) implemented      (B) illuminated      (C) implicated      (D) intervened
11. Jeremy holds a(n) \_\_\_\_\_ attitude toward life. He always thinks that however hard life is, there are solutions to it.  
(A) optimistic      (B) pessimistic      (C) efficient      (D) systematic
12. According to the theory of language acquisition, children don't have to learn their native languages with great efforts. Instead, the \_\_\_\_\_ to the language environment will be a great help in language learning.  
(A) explanation      (B) exposure      (C) conscience      (D) application

**PART B: Cloze Test (20%)**

In gardens and forests around the world, there is more and more evidence that the earth's atmosphere is warming up. In North America, many species of birds which (13) to fly south for the cold winter months are staying in the north (14). A study of 77 gardens in Europe (15) that flowers are blooming earlier and leaves are falling (16). In other words, as the atmosphere has gotten warmer, the growing season for vegetation has become a little bit longer each year. On the European continent, summer is (17) eleven days longer than it was forty years ago.

The 1990s were the warmest decade of the twentieth century, and the changes in air temperatures (18) ocean temperatures as well. Greenland's ice sheet has been (19) rapidly, and high ocean temperatures are also damaging the coral reefs. (20), there is no evidence that global warming is either slowing down or coming to an end.

13. (A). use  
 (B). used  
 (C). are used  
 (D). were used
14. (A). instead  
 (B). well  
 (C). away  
 (D). upwards
15. (A). showing  
 (B). show  
 (C). shown  
 (D). showed
16. (A). soon  
 (B). then  
 (C). later  
 (D). once
17. (A). traditionally  
 (B). naturally  
 (C). apparently  
 (D). merely
18. (A). affected  
 (B). stabilized  
 (C). operated  
 (D). measured
19. (A). thickening  
 (B). melting  
 (C). tearing  
 (D). floating
20. (A). Otherwise  
 (B). Eventually  
 (C). Afterwards  
 (D). Unfortunately

**PART C: Reading Comprehension (24%)**

(Question 21-24)

The brain of the average human weighs approximately 14 kilograms and consists of three main parts--the cerebrum, the cerebellum, and the brain stem. The cerebrum is by far the largest of the three parts, taking up 85% of the brain by weight. The outside layer of the cerebrum, the cerebral cortex, is a grooved and bumpy surface covering the nerve cells beneath. The various sections of the cerebrum are the sensory cortex, which is responsible for receiving and decoding sensory messages from throughout the body; the motor cortex, which sends action instructions to the skeletal muscles; and the association cortex, which receives, monitors, and processes information. It is in the association cortex that the processes that allow humans to think take place. The cerebellum, located below the cerebrum in the back part of the skull, is the section of the brain that controls balance and posture. The brain stem connects the cerebrum and the spinal cord. It controls various body processes such as breathing and heartbeat.

21. What is the author's main purpose?

- (A) To describe the functions of the parts of the brain
- (B) To explain how the brain processes information
- (C) To demonstrate the physical composition of the brain
- (D) To give examples of human body functions

22. How does the passage describe the appearance of the cerebral cortex?

- (A) As smooth
- (B) As 85% of the brain by weight
- (C) As a layer of the cerebellum
- (D) As ridged

23. According to the passage, which part of the brain analyzes information?

- (A) The sensory cortex
- (B) The association cortex
- (C) The cerebellum
- (D) The brain stem

24. Which of the following is true about the cerebellum?

- (A) It is located above the cerebrum
- (B) It controls breathing
- (C) It is responsible for balance
- (D) It is the outside layer of the cerebrum

(Question 25-28)

Economists have defined four stages societies pass through based on demographics, economics, agricultural productivity, and technological advancements.

The first stage is a traditional society, characterized by low population density and low economic and population growth. In this society, which may be a country or a region, high birthrates match high death rates, while primitive technology contributes to low income and low living standards.

The second stage is a developing stage, occurring when a society's technological advancements result in sustainable agricultural production and plant and animal domestication. The result is a more plentiful food supply, which helps increase population growth mainly by slowing death rates. When population and food production growth are combined with industrialization and urbanization at this stage, the result is environmental exploitation and degradation present in many developing societies.

Increases in agricultural productivity and production bring economic surpluses that allow growth in capital and per capita income and the third stage, the developed society, is born. Birthrates fall faster than death rates as the roles of women change and developments in birth-control methods allow adults to choose the number of children they desire.

Finally, stage four, the mature society, sees notable technological change evolve beyond agriculture (particularly in medicine and public health), making death rates decline further. While many technological breakthroughs in developing societies come from innovative laypersons, breakthroughs in developed societies tend to require scarce, highly trained, experienced, and costly technicians and scientists. By the time the mature society develops, the most readily accessible raw materials have been exploited. Obsolescence of current technology requires investment in maintenance rather than in new technologies. Increase in productivity of service activities, which grow in importance, becomes more difficult than increases in agricultural and manufacturing productivity.

Some developed regions choose to sacrifice some economic growth for equity. Thus, while productivity and income continue to rise, the rate of these increases slows. Rapid agricultural productivity gains continue in developed societies as investments in education and science made in the development stage produce long-term payoffs and as urbanization and industrialization lead to an exodus of

agricultural labor. At the same time, slowing rates of income growth and population growth slow down the growth in demand for food. Food self-sufficiency increases in some countries after falling in the development stage. However, agricultural trade typically grows, as more affluent consumers demand a variety of foods from around the world . Many developed countries have recently entered or will soon enter the fourth stage-- the mature society--the future society of the world's inhabitants. It is a long-held view that global population growth will more or less stabilize; recent evidence, however , presents a strong case for negative global population growth as the seminal attribute of the mature society .

25. The primary purpose of the passage is to
- (A) discuss a plan for investigation of a process
  - (B) summarize a theory and suggest a revision that overcomes a problem with the theory
  - (C) describe a course of development
  - (D) lower than that of a second stage society
  - (E) faster than that of a second stage society
26. It can be inferred from the passage that the birth rates in a third stage society is
- (A) the same as that of a fourth stage society
  - (B) lower than that of a fourth stage society
  - (C) the same as that of a second stage society
  - (D) lower than that of a second stage society
  - (E) faster than that of a second stage society
27. According to the passage, the categorization of societies into four stages outlined in the passage has been created by
- (A) industrialists
  - (B) economists
  - (C) politicians
  - (D) the United Nations
  - (E) sociologists
28. According to recent evidence, negative global population growth is considered
- (A) a superfluous attribute of a mature society
  - (B) a common aspiration of a mature society
  - (C) the most important determining attribute of the mature society
  - (D) the most important determining attribute of the developed society
  - (E) a common myth of a developing society

**PART D: Translation (26%)**

29. (中翻英) 當我們計劃投資時，不能忽視風險 (6%)

30. (英翻中)

"One thing I really do want to do is to embrace that platform and to be able to use it in the right way, and use it positively and make sure that my message and the way that I live is in a way appropriate of a role model," said Jeremy Lin.

(10%)

31. (英翻中)

Regarding the proforma invoice for goods from China, your order quantities were not sufficient to fill a 20' container. We took the liberty of adjusting your order in order to optimize container space. We hope you understand and find the solution agreeable. If everything is acceptable, we hope you will confirm the orders A.S.A.P. so that we may begin the process without further delay.

(10%)