

## 國立嘉義高中 106 學年度科學班科學能力檢定英語成就測驗試題

### 一、字詞暨文法選擇 ( 佔 40 分 )

說明：第1至20題，每題選出最適當的一個選項，標示在答案卡上。每題答對得2分，

答錯不倒扣。

1. ( ) Amy was \_\_\_\_\_ to hear that the director had selected her to play the main role in the play.  
(A) surprise (B) familiar (C) amazed (D) terrifying
2. ( ) According to her personal trainer, Clare was still about 15 kilograms away from her \_\_\_\_\_ weight.  
(A) ideal (B) typical (C) available (D) meaningful
3. ( ) The FBI \_\_\_\_\_ large crimes, such as bank robberies and mass murders.  
(A) participates (B) volunteers (C) encourages (D) investigates
4. ( ) \_\_\_\_\_, the fire in the pub caused over 200 deaths.  
(A) Shocking (B) It is obvious (C) We being disappointed (D) To our grief
5. ( ) In the past, people \_\_\_\_\_ meat and vegetables by drying them in the sun.  
(A) depended (B) preserved (C) relieved (D) demanded
6. ( ) The old man cannot \_\_\_\_\_ living alone if his wife passes away.  
(A) manage (B) intend (C) imagine (D) prefer
7. ( ) The rising prices of oil have a negative \_\_\_\_\_ on economy.  
(A) harshness (B) consideration (C) influence (D) organization
8. ( ) He \_\_\_\_\_ to going to bed early after living in the dormitory.  
(A) used (B) is accustomed (C) has used (D) accustomed
9. ( ) I felt a sense of \_\_\_\_\_ after I lost my temper and yelled at my mother.  
(A) guilt (B) honor (C) duty (D) stain
10. ( ) Every student is \_\_\_\_\_ to hand in the report by the end of this month.  
(A) described (B) arranged (C) required (D) indicated
11. ( ) We spent all the afternoon \_\_\_\_\_ the classroom to celebrate the coming Christmas.  
(A) labeling (B) wasting (C) improving (D) decorating
12. ( ) My mother always goes home \_\_\_\_\_ after work, trying to prepare meals before we hit home.  
(A) actually (B) immediately (C) gradually (D) probably
13. ( ) Jason felt \_\_\_\_\_ when Sara turned down his invitation coldly in front of his friends.  
(A) involved (B) revealed (C) embarrassed (D) fascinated
14. ( ) Every teacher should know that it takes \_\_\_\_\_ and love to take care of students.

(A) patience (B) realization (C) correspondence (D) expression

15. ( ) Daniel and I chat on the Internet \_\_\_\_\_ to release our stress.  
(A) one at a time (B) in meantime (C) as time goes by (D) from time to time
16. ( ) Money can buy many things, but \_\_\_\_\_, it can't buy important things such as love and care.  
(A) in a word (B) in other words (C) needless to say (D) on the other hand
17. ( ) Q: \_\_\_\_\_  
A: I will choose the novel.  
(A) When will you go to the library?  
(B) Which book do you want to read first?  
(C) Why do you choose the novel?  
(D) Where will you buy the books?
18. ( ) The committee \_\_\_\_\_ made up of fifteen members.  
(A) be (B) are (C) is (D) have
19. ( ) 請選出一錯誤句  
(A) She asked a question to her teacher.  
(B) The king built a castle for his loving queen.  
(C) The boss offered a chance to the young man.  
(D) My girlfriend made a lovely cake for me.
20. ( ) 請選出一錯誤句  
(A) When the police arrived, the thieves had run away.  
(B) I have been studying English for five years so far.  
(C) I learned dancing since I was ten years old.  
(D) By ten o'clock yesterday morning, we had arrived at the airport.

### 二、克漏字選擇 ( 佔28分 )

說明：第21至34題，每題一個空格，請依文意選出最適當的一個選項，標示在答案卡上。

每題答對得2分，答錯不倒扣。

#### 第 21 至 27 為題組

People learn English for many different reasons. For example, Nancy would like to learn English because she wants to read her favorite novel right away 21 waiting for its Chinese version. Jack thinks that English is a 22 of talking with his friends in foreign countries. As for Bob, speaking English 23 him feel good and look cool.

In fact, English is one of the most 24 languages in the world. More than one-third of the world's 25 speaks English and about seventy-five countries use it as their major or official language. Besides, English is seen as the key language of business. 26 of the world's mail is written in

English and most of the important data on the Internet are also stored in English. Therefore, English should be your first choice if you really want to 27 yourself with the world.

21. ( ) (A) and (B) but also (C) instead of (D) in order to
22. ( ) (A) way convenient (B) convenient means  
(C) convenient meaning (D) convenient mean
23. ( ) (A) allows (B) let (C) had (D) makes
24. ( ) (A) using commonly (B) commonly using  
(C) used commonly (D) commonly used
25. ( ) (A) pollution (B) population (C) popularity (D) proportion
26. ( ) (A) Third-fourth (B) Three-quarter (C) Three-fourths (D) Three-fourth
27. ( ) (A) connect (B) collect (C) embrace (D) translate

### 第 28 至 34 為題組

I guess most of you may have heard of the song “Rudolph, the Red-Nosed Reindeer,” and it is not difficult for us to find the reindeer’s pictures appearing on many Christmas cards. But do you know how he was created? It is said that in the 1940s, an American department store employee wanted to sell more goods at Christmas time. So he created a character to add to the traditional story, 28 Santa Claus had only eight reindeer. The new character was a reindeer called Rudolph. With his bright red nose, Rudolph found himself not fully 29 by the other reindeer. In fact, they looked down on him and even refused to spend time with him. The situation didn’t get better 30 one Christmas Eve. That night the weather was very bad, and it seemed that Santa had no way to guide his sleigh. 31, Santa thought of Rudolph’s bright, shiny nose. He asked Rudolph to lead the way, and finally succeeded 32 32 delivering his gifts on time. Later, the story 33 into a song, “Rudolph, the Red-Nosed Reindeer.” Now the song 34 in the hearts of people all over the world, for it expresses the true meaning of Christmas: love and tolerance.

28. ( ) (A) which (B) that (C) what (D) in which
29. ( ) (A) accept (B) accepting (C) accepted (D) to be accepted
30. ( ) (A) since (B) until (C) then (D) after
31. ( ) (A) All at once (B) Not a chance (C) However (D) Indeed
32. ( ) (A) on (B) in (C) for (D) with
33. ( ) (A) turns (B) was turning (C) was turned (D) has turned
34. ( ) (A) looks for (B) changes over (C) digs in (D) lives on

### 三、文意選填 (佔20分)

說明：(1)第35至44題，請依文意在文章後所提供的10個選項中分別選出最適當者，並將其英文字母代號標示在答案卡。若某題答案為選項(B)，請在答案卡上，將該題(B)相對應的格子，用

2B鉛筆塗黑塗滿。若某題答案為選項(AE)，則在答案卡上，將該題(A)和(E)相對應的格子塗黑塗滿，缺任一格就算錯誤。(2)答案不得重複。每題答對得2分，答錯不倒扣。

The most unforgettable experience I had with my family happened in 2010, 35 my parents and I went to Mt. Ali to see the beautiful sunrise.

In order to see the sunrise, we woke up at around 2 a.m., putting ourselves together for the 36 ahead. After 37 the road, the three of us started our journey with great 38. At first, I found the road not too steep, so I could still chat with my mom 39 losing my 40. As we climbed higher, the journey became more arduous. I started to feel tired and cold, 41 that I wanted to give up, for the goal seemed unreachable. At that time, my parents told me that only 42 determination and perseverance 43 a man be successful, 44 that I keep going. Motivated, I carried on the journey and reached the goal eventually.

- (A) hitting (B) insisting (C) excitement (D) could (E) without  
(AB) breath (AC) challenge (AD) saying (AE) when (BC) with

### 四、閱讀測驗 (佔12分)

說明：第45至48題，每題請分別根據各篇文章之文意選出最適當的一個選項，標示在答案卡上。每題答對得3分，答錯不倒扣。

#### 第 45 至 46 為題組

Stress is one of the most serious health issues people face in modern society. There is a range of factors that cause stress, including problems at school and at work. Students who are under pressure to complete their assignments, do well on exams, and be accepted into good schools often suffer stress, which makes them unable to sleep or concentrate. At work, deadlines and busy schedules often cause people to feel overwhelmed and hopeless, which may lead to feelings of sadness and despair.

There are a number of ways in which people can reduce their stress levels. Making use of your time properly will keep you from leaving things to the last minute. If you make a list of the things you must do and then plan your time appropriately, you won’t be rushing to get things done. Exercise is also a great way to reduce stress. Playing sports or doing yoga will raise your heart rate and reduce the pressure you feel in everyday life. Keep in mind that a little bit of stress is a good thing, but try not to let it get out of control.

45. ( ) According to the passage, one may NOT feel \_\_\_\_\_ when he or she is stressed out.  
(A) sleepy (B) sad (C) disappointed (D) hopeless
46. ( ) Which of the following is NOT true?  
(A) People should not have any stress.  
(B) There are a lot of things that can result in stress.

(C) A to-do list can help you reduce stress.

(D) Finding what causes the stress can help you reduce it.

第 47 至 48 為題組

Did you know that the elevators we use now have a long history? In fact, the earliest mention of an elevator can be found in the works of Vitruvius. This Roman architect believed that the first elevator was constructed by Archimedes in about 236 B.C. These early elevators were powered either by hand or by animals, and were believed to have been built in Egypt. Much later, during the industrial era of the 19<sup>th</sup> century, steam-driven elevators appeared. Then in 1852, the safety elevator was introduced by Elisha Otis. Its design, which prevented the elevator car from falling, is similar to the one that is still used today. Otis demonstrated his device at the 1854 New York Exposition, and three years later the first passenger elevator was installed in a department store in New York. Otis's device naturally led to the spread of the elevators. However, the first electric elevator was not invented until 1880 by the German engineer Werner von Siemens. Today we have many different kinds of elevators, such as destination elevators and high-speed elevators. Without doubt, all these have made vertical transportation in tall buildings much more convenient.

47. ( ) When was the first passenger elevator installed?

(A) In 1852. (B) In 1854. (C) In 1857. (D) In 1880.

48. ( ) What helped to promote the spread of passenger elevators?

(A) The invention of steam-powered elevators.

(B) The introduction of safety elevators.

(C) The installation of electric elevators.

(D) The appearance of high-speed elevators.