

國立台南二中 106 學年度高一數理/語文適性班考試英文科試題卷

一、文意字彙：每題 2 分，共 30 分

- ( ) 1. Every morning, Willy rides his bike to work because the \_\_\_\_ of the gas is getting higher and higher.  
 (A) price (B) place (C) size (D) color
- ( ) 2. The math question “ $6 \div 2(1+2) = ?$ ” isn't hard at all, but many people answer it \_\_\_\_\_.  
 (A) correctly (B) wrong (C) right (D) quickly
- ( ) 3. In biology class, we put many things under the \_\_\_\_\_ and observe them carefully.  
 (A) medal (B) monument (C) microscope (D) microphone
- ( ) 4. All the \_\_\_\_\_ students are put in one class so they can study more difficult materials.  
 (A) additional (B) absolute (C) accurate (D) advanced
- ( ) 5. The football team practiced hard and long to show this great \_\_\_\_\_.  
 (A) culture (B) performance (C) profit (D) support
- ( ) 6. We should do our best to protect the \_\_\_\_\_ for our future generations.  
 (A) environment (B) style (C) task (D) violence
- ( ) 7. The scientist's theory provides a basic \_\_\_\_ for future research.  
 (A) furniture (B) gratitude (C) framework (D) hesitation
- ( ) 8. Henry loves Lady Ga Ga very much, so she \_\_\_\_\_ a lot of money buying her CD albums.  
 (A) takes (B) pays (C) costs (D) spends
- ( ) 9. October 31st is the birthday of our school, and we will \_\_\_\_\_ it with different kinds of activities.  
 (A) invite (B) celebrate (C) visit (D) prepare
- ( ) 10. Alice has \_\_\_\_\_ to Tokyo several times, and she still wants to take a trip there to enjoy the yummy Japanese snacks.  
 (A) gone (B) been (C) moved (D) done

◎第 11 題～第 15 題為題組，請閱讀以下短文，並將畫底線單字與其字義配對

Windshield wipers of a car were <sup>11</sup>**invented** by Mary Anderson on a trip in New York City in 1903. While touring the city on a streetcar, Mary was not interested in the views on the streets. Instead, she paid much <sup>12</sup>**attention** to the streetcar motorman. Repeatedly, the motorman had to get out of the streetcar to <sup>13</sup>**wipe** off the snow and ice collected on the windshield. New York streetcar motorman at that time had tried <sup>14</sup>**various** ways to solve this problem. Wiping off the snow and ice by hands, however, seemed to be the only <sup>15</sup>**solution**.

|                   |   |
|-------------------|---|
| ( ) 11. invent    | (A) a way of solving a problem or dealing with a difficult situation                      |
| ( ) 12. attention | (B) the act of looking at, listening to, or thinking about something or someone carefully |
| ( ) 13. wipe      | (C) to clean or dry something by moving something else over it                            |
| ( ) 14. various   |   |

|                 |   |
|-----------------|---|
| ( )15. solution | (D) of several different kinds<br>(E) to make or think of a new type of something |
|-----------------|---|

二、綜合測驗：每題 2 分，共 30 分

(A)

Cellphones are one of the important tools that people use to communicate with one another. Now, they 16 everywhere at any time. 17, they have changed the way people communicate.

18 using cellphones to communicate with others, people now use them to send messages, play games, take pictures, surf the Net, check e-mails on-line, and do many other things. Many people think they can't live without cellphones because they are quite useful and convenient.

19 cellphones are very popular, they may sometimes create noise and disturb one's life. Some people even turn off their cellphones on holidays because they want to relax 20.

|                                      |
|--------------------------------------|
| tool 工具 / communicate 溝通/ disturb 打擾 |
|--------------------------------------|

- ( )16. (A) are using      (B) use      (C) used      (D) are used  
 ( )17. (A) In fact      (B)At first      (C) Finally      (D) No wonder  
 ( )18. (A) By      (B) Besides      (C) Except      (D) With  
 ( )19. (A) After      (B) Because      (C) For      (D) Though  
 ( )20. (A) forever      (B) for a long time      (C) for a while      (D) from now on

(B)

Stress is a natural feeling, designed to help you 21 in challenging situations. In small amounts it's good because it pushes you to work hard and 22 your best. Stress heightens the senses and shortens your reaction times, 23 enhances your performance, including in exams.

Being a freshman 24 lots of big changes, such as moving to a new area, being separated from friends, establishing a new social network, and starting your new studies. For most students, these changes are exciting and challenging but, for 25, they feel overwhelming and can begin to do harm to health.

|  |
|--|
| stress 壓力/ challenging 挑戰性的/ situations 情況/ overwhelming 壓倒的 |
|--|

- ( )21. (A) decide      (B) handle      (C) agree      (D) believe  
 ( )22. (A) do      (B) does      (C) doing      (D) done  
 ( )23. (A) that      (B) whose      (C) which      (D) who  
 ( )24. (A) hurts      (B) lends      (C) joins      (D) means  
 ( )25. (A) ones      (B) the others      (C) some      (D) another

(C)

The plank is an isometric core strength exercise that involves maintaining a position similar to a push-up for the maximum possible time. The most common plank is the front plank 26 is held in a push-up-like position, 27 the body's weight borne on forearms, elbows, and toes.

Many variations exist such as the side plank and the reverse plank. The plank is commonly 28 in pilates and yoga, and by those training for boxing and other sports. The world record for a front plank, 29 on elbows, was set by Chinese policeman Mao Weidong, who formerly 30 the record and regained it back by planking for 8 hours, 1 minute and 1 second in May 2016.

isometric 等長收縮的/ core 核心/ variation 變化/ pilates 皮拉提斯

- ( )26. (A) who                      (B) which                      (C) , which                      (D) all that  
 ( )27. (A) with                      (B) for                      (C) by                      (D) up  
 ( )28. (A) caught                      (B) asked                      (C) entered                      (D) practiced  
 ( )29. (A) meeting                      (B) covering                      (C) resting                      (D) hiding  
 ( )30. (A) held                      (B) spoke                      (C) tasted                      (D) found

三、文意選填：每題 2 分，共 20 分

(A) survive                      (B) refrigerating                      (C) placed                      (D) while                      (E) after

(A) Many people routinely wash eggs before 31 them. Washed and packaged eggs do not need to be washed again, 32 unpackaged eggs that have not been washed can remain fresh for up to a month because of their natural protective coating. In fact, washing may remove the protective layer on the outside of an egg or even promote the growth of bacteria. If eggs need to be cleaned, it is recommended you wipe them with a soft, dry cloth.

Chen Ming-ju, a professor at National Taiwan University's Department of Animal Science and Technology, says that if eggs are 33 in the refrigerator immediately 34 they have been washed, the moisture could promote bacteria growth. According to Chen, chicken droppings and dirt that attach to eggs often contain salmonella(沙門氏菌), which can 35 in the refrigerator if the temperature is above 4 degrees Celsius. If eggs containing salmonella are stored next to leftovers or other food in the fridge without any protection, there is a high chance of salmonella infection.

31. \_\_\_\_\_ 32. \_\_\_\_\_ 33. \_\_\_\_\_ 34. \_\_\_\_\_ 35. \_\_\_\_\_

|        |         |               |          |        |
|--------|---------|---------------|----------|--------|
| (A) as | (B) for | (C) including | (D) over | (E) to |
|--------|---------|---------------|----------|--------|

(B) The World Baseball Softball Confederation recently revealed the official competition schedule for the WBSC U-12 Baseball World Cup® 2017 Tainan, at a press conference in Taiwan's capital, Taipei. The IV WBSC U-12 Baseball World Cup will be contested 36 50 games and three

rounds: Opening Round (Group Stage), Super Round and World Championship Medal Round.

The global tournament — which will be staged in Tainan, Taiwan, from 28 July 37 6 August — is the highest-level of competition 38 11- and 12-year-old baseball players. The official microsite of the U-12 Baseball World Cup 2017 has been made available at wbsc.org across five languages, 39 English, Japanese, Korean, Spanish and Traditional Chinese.

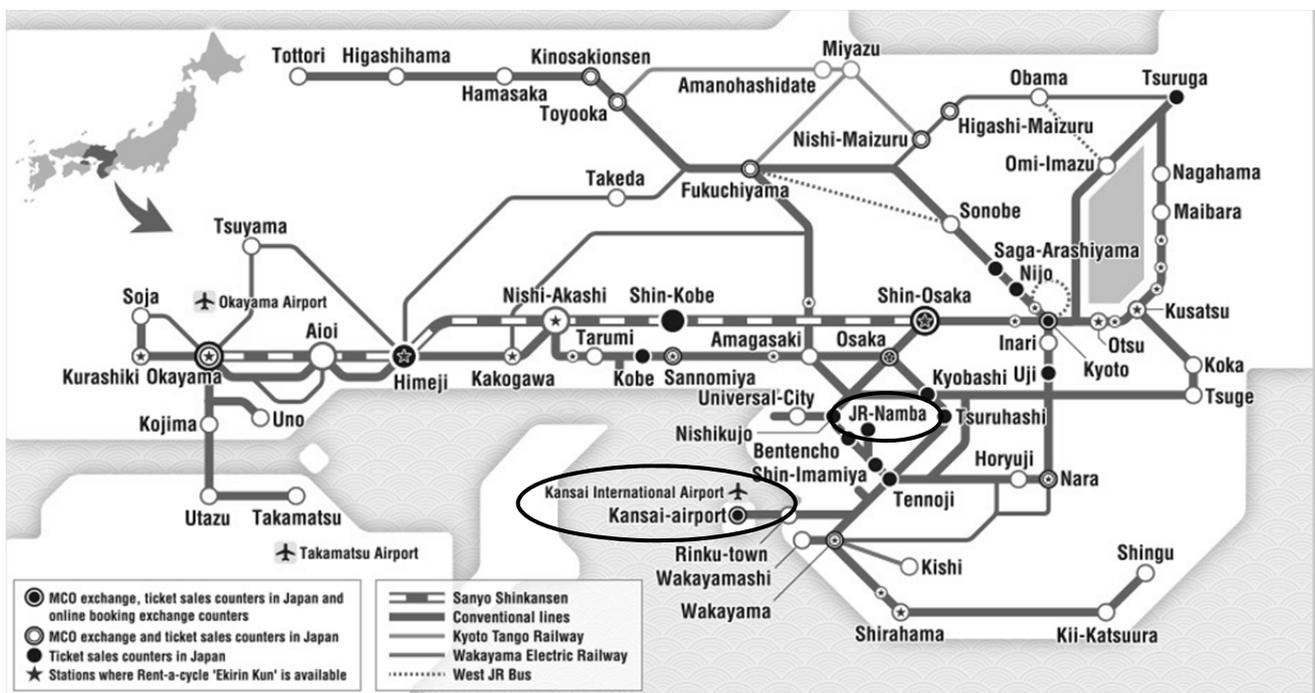
Baseball is the only team sport that currently stages a World Cup for athletes 40 young 40 the U-12 age category.

36. \_\_\_\_\_ 37. \_\_\_\_\_ 38. \_\_\_\_\_ 39. \_\_\_\_\_ 40. \_\_\_\_\_

四、閱讀測驗：每題 2 分，共 12 分

Mark planned to visit Japan this summer vacation. He got the following map and information of tickets on the official website. Please help Mark arrange his trip.

◎Valid Train Routes



- **Kansai WIDE Area Pass** is valid for unlimited travel in the valid area on the map
- Valid trains are below;
  - Non-reserved seats on Bullet Train "SANYO SHINKANSEN" (Shin-Osaka⇌Okayama)
  - Non-reserved seats on Express Trains 'HARUKA, KUROSHIO, THUNDERBIRD, KOUNOTORI, SUPER HAKUTO (Kyoto⇌Kamigori) etc. '
  - \* A separate fare is required for traveling on SUPER HAKUTO (Kamigori⇌Tottori)
  - Special Rapid Services, Rapid Services, and Local trains on JR-WEST Conventional lines
- \* These trains below cannot be used
  - Bullet Train "TOKAIDO SHINKANSEN" (Shin-Osaka⇌Tokyo)
  - Bullet Train "SANYO SHINKANSEN" (Okayama⇌Hakata)

- Bullet Train "KYUSHU SHINKANSEN" (Hakata⇔Kagoshima-Chuo)

◎Prices

|                 |  |                   |  |                   |
|-----------------|--|-------------------|--|-------------------|
| Validity period | Booking online or purchasing passes from a travel agent overseas<br><i>*Special early-bird discount!</i> |                   | Purchasing passes from a JR-West station after arriving in Japan |                   |
|                 | Adult<br>9,000YEN  | Child<br>4,500YEN | Adult<br>9,500YEN  | Child<br>4,750YEN |

- ( ) 41. According to the information, which of the following train can Mark take without extra money?  
 (A) Reserved seats on Bullet Train "SANYO SHINKANSEN."  
 (B) Reserved seats on Express Trains 'HARUKA.'  
 (C) Non-reserved seats on Express Trains 'KUROSHIO.'  
 (D) Non-reserved seats on Bullet Train "KYUSHU SHINKANSEN."
- ( ) 42. If Mark wants to travel with his wife and his two kids in the kindergarten, how much money will he pay at the Japanese ticketing counter for the pass?  
 (A) 27,000YEN            (B) 18,000YEN            (C) 19,000YEN            (D) 28,500YEN
- ( ) 43. When Mark and his family arrive at the Kansai airport, how can they go to the hotel near JR Namba directly?  
 (A) By SANYO SHINKANSEN  
 (B) By local trains on JR-WEST Conventional lines  
 (C) By Wakayama Electric Railway  
 (D) By West JR Bus

The smallest things we do can give away our biggest secrets.

According to researchers at the University of Padova in Italy, how a person moves a mouse when answering questions on a computer may show whether or not they're lying. The finding has the potential to identify everything from fake online reviews and fraudulent insurance claims to criminals, the team suggests.

During the study, which involved 60 students at the University of Padova, participants answered several questions – some of which were unexpected. Half were told to assume a false identity and given time to practice it. The truthful individuals(個人) moved their mouse directly to an answer. The dishonest individuals took a longer, indirect path to their answer.

"Our brain is built to respond truthfully. When we lie, we usually suppress the first response and substitute it with a faked response," said Giuseppe Sartori, lead researcher and a University of Padova professor.

- ( ) 44. Where does this passage most likely appear?  
 (A) In a cookery book.  
 (B) In an encyclopedia on the art of painting.

- (C) In a brochure on European traveling.  
(D) On a website of technology.
- ( )45. According to the passage, which of the following statement is **TRUE**?
- (A) Human brains tend to answer questions honestly.  
(B) Liars may answer questions faster than those who tell the truth.  
(C) What we think can be found in the mouse.  
(D) During the study, all of the students are told to choose wrong answers.
- ( )46. What can we infer(推論) from the passage?
- (A) Honest participants move a longer path to their answer.  
(B) People who tell the truth usually respond to the dishonest ones.  
(C) The youths under 18 may be blocked out of unsuitable websites.  
(D) When we lie, we make faked responses naturally and quickly.

五、翻譯：每題 4 分，共 8 分

47. 我還不習慣星期天如此早起。

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48. 對我來說，要下決心減重(lose weight)是不容易的。

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|            |    |    |
|------------|----|----|
| 班級         | 座號 | 姓名 |
| (未填寫者不予計分) |    |    |

國立台南二中 106 學年度高一數理/語文適性班考試英文科答案卷

五、翻譯：每題 4 分，共 8 分

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|            |    |    |
|------------|----|----|
| 班級         | 座號 | 姓名 |
| (未填寫者不予計分) |    |    |

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國立台南二中 106 學年度高一數理/語文適性班考試英文科參考答案

一、文意字彙：每題 2 分，共 30 分

|    |    |    |    |    |   |   |   |   |    |
|----|----|----|----|----|---|---|---|---|----|
| 1  | 2  | 3  | 4  | 5  | 6 | 7 | 8 | 9 | 10 |
| A  | B  | C  | D  | B  | A | C | D | B | B  |
| 11 | 12 | 13 | 14 | 15 |   |   |   |   |    |
| E  | B  | C  | D  | A  |   |   |   |   |    |

二、綜合測驗：每題 2 分，共 30 分

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| D  | A  | B  | D  | C  | B  | A  | C  | D  | C  |
| 26 | 27 | 28 | 29 | 30 |    |    |    |    |    |
| B  | A  | D  | C  | A  |    |    |    |    |    |

三、文意選填：每題 2 分，共 20 分

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B  | D  | C  | E  | A  | D  | E  | B  | C  | A  |

四、閱讀測驗：每題 2 分，共 12 分

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 41 | 42 | 43 | 44 | 45 | 46 |
| C  | D  | B  | D  | A  | C  |

五、翻譯：每題 4 分，共 8 分 (1 個 chunk 1 分)

47. 我還不習慣星期天如此早起。

I am not used to/ getting up/ so early/ on Sundays.

48. 對我來說，要下決心減重(lose weight)是不容易的。

It isn't easy/ for me/ to make up my mind/ to lose weight.