

臺中區國立高級中學 104 學年度
大學入學第一次學科能力測驗聯合模擬考

英文考科

—作答注意事項—

考試範圍：第 1 冊～第 3 冊

考試時間：100 分鐘

題型題數：

第壹部分

- 單選題共 56 題

第貳部分

- 非選擇題共二大題

作答方式：

- 選擇題用 2B 鉛筆在「答案卡」上作答；更正時，應以橡皮擦擦拭，切勿使用修正液（帶）。
- 非選擇題用筆尖較粗之黑色墨水的筆在「答案卷」上作答；更正時，可以使用修正液（帶）。
- 未依規定畫記答案卡，致機器掃描無法辨識答案；或未使用黑色墨水的筆書寫答案卷，致評閱人員無法辨認機器掃描後之答案者，其後果由考生自行承擔。
- 答案卷每人一張，不得要求增補。

祝考試順利



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第壹部分：單選題（占 72 分）

一、詞彙題（占 15 分）

說明：第 1 題至第 15 題，每題有 4 個選項，其中只有一個是正確或最適當的選項，請畫記在答案卡之「選擇題答案區」。各題答對者，得 1 分；答錯、未作答或畫記多於一個選項者，該題以零分計算。

1. A serious back injury left her with no choice but to _____ from the Olympic Games. It was a great pity, for she could have won a gold medal.
(A) recover (B) dismiss (C) withdraw (D) shrug
2. She has to sleep during the day this week because she works the night _____.
(A) status (B) shift (C) margin (D) profession
3. The typhoon _____ the mayor to announce the suspension of school and work.
(A) promoted (B) contributed (C) enforced (D) prompted
4. Our hair tends to get _____ if we don't wash it for a few days, especially for those who have oily skin.
(A) greasy (B) disgusted (C) clumsy (D) fierce
5. I accidentally dropped my phone yesterday and now there are a few _____ on the screen. I need to have it repaired.
(A) crashes (B) clashes (C) cracks (D) crushes
6. After calming down, he can finally look at what happened more _____.
(A) considerably (B) objectively (C) passively (D) desperately
7. I hope that after the talk, there will be _____ peace between the two countries. People won't live in fear of war any more.
(A) stale (B) elaborate (C) durable (D) dominant
8. I took the scenic route as recommended by the travel guide, and the _____ views along the way just took my breath away.
(A) awful (B) stunning (C) private (D) expressive
9. The smartphone manufacturer has seen its net profit drop by 10% for the second quarter of the year because the _____ remains flat.
(A) capacity (B) estimate (C) approval (D) demand
10. My legs are very _____ and stiff, especially in the mornings. Sometimes I can barely walk when I get out of bed.
(A) smelly (B) sour (C) shabby (D) sore
11. George _____ walked into the dental clinic, knowing that he would soon be in pain for the dentist would remove his wisdom tooth.
(A) scarcely (B) triumphantly (C) reluctantly (D) significantly

12. The magazine was found guilty of _____ the celebrity's privacy by handing out photos of him in a ski resort.
(A) breaking (B) injuring (C) violating (D) arousing
13. If you have health concerns, you may want to _____ your doctor before starting a new exercise routine.
(A) consult (B) confirm (C) converse (D) confront
14. Many people still _____ remember how the tsunami washed away houses and cars after the earthquake. They can clearly recall the horrifying scene even after so many years.
(A) exclusively (B) vividly (C) frantically (D) slightly
15. On August 17, a deadly _____ near a popular tourist attraction took place in central Bangkok. The explosion may take a toll on the country's tourism industry and economy.
(A) blast (B) celebration (C) upload (D) epidemic

二、綜合測驗 (占 15 分)

說明：第 16 題至第 30 題，每題一個空格，請依文意選出最適當的一個選項，請畫記在答案卡之「選擇題答案區」。各題答對者，得 1 分；答錯、未作答或畫記多於一個選項者，該題以零分計算。

第 16 至 20 題為題組

As a boy of 11, Baraka Cosmas Lusambo loves soccer, taps his feet to the music, and shrieks with excitement when he plays in the pool. The joy vanished, however, when he 16 the night armed men stormed into his home in Tanzania, knocked down his mother and sliced off his right hand. "We 17 when someone just broke in," Baraka said. "They came to me with knives."

Baraka has albinism, a condition that causes lack of pigment in the victims' skin or eyes, making them look white. In some traditional communities of African countries, albinos like Baraka, are thought to have magical 18, and their body parts can sell for thousands of U.S. dollars as ingredients in potions said to give the user wealth and good luck.

Baraka and four other children with albinism have escaped the threat, at least 19. They were brought to the United States by the Global Medical Relief Fund, which helps children from crisis zones get custom prostheses. "They're not getting their arm back," said Montanti, founder of the charity. "But they are getting something that is going to help them lead a productive life and not be 20 a freak."

16. (A) recited (B) reminded (C) recalled (D) memorized
17. (A) have been sleeping (B) were sleeping (C) should have slept (D) slept
18. (A) personalities (B) prosperities (C) characters (D) properties
19. (A) in advance (B) for good (C) for the time being (D) in brief
20. (A) looked upon as (B) accounted for (C) known for (D) referred to

第 21 至 25 題為題組

Did you ever wonder what your cat or dog had on its mind and wish it could just tell you about it? Believe it or not, animals do try to communicate with humans and they use creative means to do so. Take, for example, the simple song of the African honeyguide bird. This songbird leads people to find the best hidden honey. All it asks 21 is a small piece of sweet honeycomb to munch on. This is definitely a partnership that has its “sweet” rewards!

Other partnerships 22 different forms. Fireflies flash special lights on their bodies at night. These sexy signals are used by males to attract females during mating season. Take one look at this twinkling display 23 you’ll want to join the conversation. Use a small flashlight to see just what sort of mate you’ll attract.

Using light to communicate isn’t just limited to the insect world, or mating for that matter. In the darkness of the deep ocean 24 a world where light plays a significant role. Creatures such as squids and jellyfish 25 light to send messages. These amazing animals put on such a dazzling display of light that scientists still struggle to figure out what it means.

21. (A) in time (B) in return (C) so far (D) in turn
 22. (A) take on (B) come across (C) bring up (D) make out
 23. (A) if (B) so (C) as (D) and
 24. (A) has (B) sets (C) lies (D) locates
 25. (A) exit (B) distribute (C) transform (D) emit

第 26 至 30 題為題組

Russia’s economy has suffered greatly due to a collapse in oil prices in 2015, and its currency, the Rouble, has depreciated a lot as well. Some economists think that a weaker Rouble could be good for Russia, 26, because of its recent “Dutch-disease” problems. But what exactly is Dutch disease?

The Economist 27 the term in 1977 to describe the woes of the Dutch economy. In 1959, large natural gas deposits had been discovered, and Dutch exports soared, which 28 a sharp inflow of foreign money. As a result, the guilder, then the Dutch currency, got stronger and stronger, making the country’s other products less 29 in international markets and causing economic trouble. In short, the Dutch disease refers to the problems 30 a rapid increase in the production of raw materials causing a decline in other sectors of the economy.

26. (A) though (B) moreover (C) afterwards (D) somehow
 27. (A) hatched (B) deleted (C) uttered (D) coined
 28. (A) paid respect to (B) gave rise to (C) made sense of (D) lost touch with
 29. (A) dramatic (B) tolerant (C) competitive (D) hysterical
 30. (A) that associate with (B) having associated with
 (C) to associate with (D) associated with

三、文意選填 (占 10 分)

說明：第 31 題至第 40 題，每題一個空格，請依文意在文章後所提供的(A)到(J)選項中分別選出最適當者，並將其英文字母代號畫記在答案卡之「選擇題答案區」。各題答對者，得 1 分；答錯、未作答或畫記多於一個選項者，該題以零分計算。

第 31 至 40 題為題組

In the past, drones were known as unmanned aircraft. They are 31 robots that can fly by having someone control them with a remote control. Throughout history, drones have been used by the military and in search and rescue. Today, they play a role in weather monitoring, traffic monitoring, and firefighting, 32 other things. They are also gaining popularity in other areas such as farm management and animal welfare.

Tech-savvy farmers in the U.S. are flying drones over their 33 to gather data on the plants' size and health. Some livestock farmers are opting for drones 34 the cowboy and the sheepdog. Camera-35 drones can cover hilly areas quickly, finding and guiding sheep and cattle while the rancher operates 36. Others envision drones in more serious roles and are using them to count livestock, locate animals 37 on large land and even spot which cattle are sick or in heat using thermal sensors. In Australia, an animal welfare group is about to become the first to use surveillance drones to 38 animal welfare. Its goal is to hunt for evidence of animal 39 on egg farms, sheep farms and cattle yards and expose such cruelty to the public.

However, as drone use grows, 40 do privacy and safety concerns. Tech ethicists have strongly suggested that governments should take the initiative and address these issues before it is too late.

- | | | | | |
|-----------|-----------|--------------|---------------|--------------------|
| (A) so | (B) over | (C) roaming | (D) remotely | (E) keep an eye on |
| (F) abuse | (G) among | (H) equipped | (I) basically | (J) crops |

四、閱讀測驗 (占 32 分)

說明：第 41 題至第 56 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，請畫記在答案卡之「選擇題答案區」。各題答對者，得 2 分；答錯、未作答或畫記多於一個選項者，該題以零分計算。

第 41 至 44 題為題組

Nowadays a growing number of students across the U.S. are getting their education online through virtual public schools, which allow students to take online classes designed by teachers. In fact, online schools are a big trend in education. For parents who want to homeschool their children, the online public school option may prove the best bet for providing a well-rounded education. The experience can be as good as or better than face-to-face education, but the teachers have to be qualified and the students have to be ready to learn online.

Due to the flexibility and the ability for the classes to adapt to the needs of their children, many parents are drawn to the individualized education available through Web learning. The programs are a fascinating option for parents who are interested in educating their children at home, but who may be

turned off by the idea of having to develop their own curriculum and lesson plans. Many parents are attracted to the schools' providing of a government-approved curriculum that is structured and overseen by teachers. They like that they can dictate the pace of the curriculum for their children. In addition, online students are not held back. They can receive more support when they are struggling. Being able to work one-on-one is indeed a huge benefit.

Online learners include young actors and athletes with **hectic** travel schedules, children who stay in their homes because of medical conditions, military families, and students and parents uncomfortable or struggling with the social elements found in traditional schools. Cyberschools also have a high percentage of high-risk and special-needs students.

But as online schools grow in popularity, there are concerns about high dropout rates and the ability of traditional schools to maintain funding. Web-based public schools aren't for everyone. Statistics show that many online students drop out. Parents must be involved in helping their children learn in the program. Only with parents' full dedication will their children be able to get a complete education by taking classes over the Internet.

41. Which of the following serves as the best title for the passage?
- (A) Cyberschools: A New Trend in Education
 - (B) Online Schools: A Free Educational Program for All
 - (C) Virtual Public Schools: A Reform of the Homeschool System
 - (D) Web-based Public Schools: A Solution to Most Educational Problems
42. According to the passage, which of the following is one disadvantage of online education?
- (A) Online students are overwhelmed with heavy study schedules.
 - (B) Online students are more likely to come across unqualified teachers.
 - (C) Online students may quit learning without proper supervision from their parents.
 - (D) Online students' academic performance may worsen over time for lack of timely support.
43. According to the passage, which of the following statements is **TRUE**?
- (A) Online classes are too flexible to adapt to the needs of online learners.
 - (B) Virtual public schools tend to have problems getting sufficient funding.
 - (C) Students enrolled in virtual public schools get daily visits from their teachers.
 - (D) Parents of online learners need not engage in the development of course plans.
44. What does the word "**hectic**" in the third paragraph probably mean?
- (A) busy
 - (B) normal
 - (C) relaxed
 - (D) entertaining

第 45 至 48 題為題組

There is nothing in the Constitution of the United States that defines the role of the first lady. Each woman has some freedom to make of it what she wants. Some have confined themselves mostly to domestic activities. Martha Washington was such a woman. This first lady saw herself mainly as a housewife and gracious hostess. She had little interest in her husband's political affairs and did not even particularly enjoy being first lady, saying she felt like a "state prisoner." On the other hand, Abigail Adams, who followed Martha Washington, felt it was her duty to speak out on the important

issues of the time. She said slavery should be abolished, and that women should be allowed to vote and have the same kind of education as men.

Some first ladies played a very active political role during their husbands' terms of office. Sarah Childress Polk not only acted as her husband's private secretary, but became his adviser as well. She was intelligent and well educated, and her husband respected her opinions. Hillary Rodham Clinton not only advised her husband, but she was also given authority by him to decide on policy, to redefine and reorganize the health care system, and to appear before Congress and the public to convince them of what she thought should be done.

Over the years, first ladies have gained respect for their special contributions to the country. Eleanor Roosevelt, for example, spoke out for women's rights, civil rights, and human rights. Barbara Bush emphasized the importance of literacy and reading to children. Betty Ford, who had had breast cancer, campaigned for greater awareness of the disease and by disclosing that she had had it, encouraged discussion of the subject. These first ladies have been talented and interesting people, often put into positions they did not seek or expect. But whether they intended to or not, each one has left her mark on the US.

45. What is the main idea of this passage?
- (A) How the roles of first ladies have varied over time.
(B) How first ladies have assisted their husbands.
(C) How first ladies' interpretations of their role differ.
(D) Why first ladies enjoy the position.
46. Which of the following is closest in meaning to the underlined word "disclosing" in the third paragraph?
- (A) revealing (B) concealing (C) faking (D) disguising
47. From which of the following is the passage most likely to be taken?
- (A) A business journal. (B) A social studies textbook.
(C) A geography magazine. (D) A travel guide to America.
48. According to the passage, which of the following statements is **TRUE**?
- (A) During the time when Abigail Adams was the first lady, women were unable to read.
(B) Martha Washington used to go to prison.
(C) Hillary Rodham Clinton had power over some decisions when her husband was the US President.
(D) Martha Washington was the only first lady that did not have a special cause to campaign for.

第 49 至 52 題為題組

Langdao Village is the northernmost of the communities located on Lanyu, an island that the Yami tribe, or the Tao, call home. In the tribal language, "Tao" means "true person" and the island itself is called "Ponso no Tao," meaning "island of the people."

When Taiwan was a Japanese colony (1895-1945), the Japanese government declared the island a research area off-limits to the public. This restriction remained in effect until 1967. For this reason,

the Yami have some of the most well-preserved traditions among Taiwan's indigenous tribes.

In the Yami language, Langdao is known as "Iraralay," which means "polite community." This is because before there was a paved road, residents of the island had to pass through Langdao when traveling between Dongqing and Yeyou villages and those living in Langdao would greet them in a show of hospitality.

Langdao village boasts a picturesque bay and a beach featuring a collection of traditional fishing boats during flying fish season. The Yami attach great significance to flying fish, as the creature was once an important staple food. Flying fish season runs from February to June. The men of the tribe go out to sea in traditional wooden fishing boats to catch these fish, usually at night using torches.

Despite the varying boat sizes, they are usually built to accommodate four to ten people. Boats are built by a group of males from the same clan. The boats are also carved with totems relating to ocean waves and the tribal legend of the world's first man, as well as symbols of the sun, which are thought to protect the boats against natural disasters or misfortune.

Another feature of this village is a collection of traditional semi-submerged dwellings. Traditionally, Yami homes were built partially underground to protect against strong winds and typhoons. After World War II, the government discouraged the building of traditional homes in favor of cement ones. Nevertheless, many cement homes suffered damage due to wind erosion, which manifested the value of traditional knowledge.

Some of the community's elders have resisted moving into modern housing and have insisted on living in their traditional-style homes, meaning that some of them have thus been preserved. Today, they are a testament to the knowledge and beauty of Yami culture.

49. What is the main idea of this passage?

- (A) Langdao Village prides itself on both impressive seascape and locals' hospitality.
- (B) Langdao Village has been the one and only place that keeps the Yami culture intact.
- (C) Some of the well-kept Yami cultural heritage can be found in Langdao Village.
- (D) Most villagers of Langdao have managed to preserve their traditional dwellings.

50. According to the passage, what does "Langdao" mean in the Yami language?

- (A) courteous neighborhood
- (B) paradise of the people
- (C) island of hospitality
- (D) home of aborigines

51. What does the second paragraph mainly explain?

- (A) How the Yami tribespeople kept their traditions safe from harm.
- (B) Why some of the Yami traditions have been kept intact.
- (C) Some influences that Japanese colonization has had on the Yami culture.
- (D) Why the Yami have had unpleasant memories about Japanese colonization.

52. Which of the following statements about Yami fishing boats is **TRUE**?

- (A) Most are built by males from various villages.
- (B) They usually hold no more than a dozen people.
- (C) Tattoos are believed to give fishermen protection against bad luck.
- (D) There are solar symbols on most boats, representing manhood and masculinity.

第 53 至 56 題為題組

Many people in the over-7000 islands in the Philippines lack access to electricity and some startup team would like to make a difference by working on the use of cleaner source. Their product is a lamp that takes two tablespoons of salt and a glass of water. This is from the Sustainable Alternative Lighting, or SALt Corp, whose focus is on providing a cost effective, environmentally safe lamp that runs on salt water.

Their lamp could serve as a substitute for battery powered lamps and candles. The theory applied is the science behind the Galvanic cell, the basis for battery-making, in changing electrolytes to a saline solution — a nontoxic approach, avoiding the tragic incidents of fires that are caused by candles and tipped-over lamps.

For people living along coastlines, they could store ocean water and use them to power the lamp. “I am proud of this research because it is not just a result of tedious experiments but also a product of life experiences,” Aisa Mijeno said, a co-founder and CEOs, “of living among people with nothing more than sun and fuel-based lamps as their primary source of lighting. There are so many remarkable and creative people in rural Philippines.” She added, “Their resilience, no matter what their condition in life, motivates me to conquer all hurdles. We just need to give these people a chance by offering them basic things.”

Up to now, no fixed price is tagged on this lamp, but the cost analysis is undergoing. The team intends to set an affordable price that will support and sustain the production of the product. Meanwhile, it’s taking pre-orders online with the hope that the product will be available no later than early next year. They said their “priority is to build lamps for our target communities and for the communities of the Non-Governmental Organizations and foundations who will partner with us.”

53. What is the main idea of this passage?
- (A) The outcome of dry experiments should be related to life.
 - (B) Ocean provides us with abundant resources to improve our life.
 - (C) A special kind of new lamp is designed to serve people without proper electricity.
 - (D) Remarkable and creative people in rural Philippines deserve better daily necessities.
54. Which of the following may **NOT** have been the cause for the team members to generate the product?
- (A) They hoped to apply easily-accessed natural materials to power energy.
 - (B) They’d like to offer cheaper alternative energy for the underprivileged.
 - (C) They took a liking to conducting eco-friendly experiments in the Galvanic cell.
 - (D) Members in the startup were moved by the poor while spending time with them.
55. Which of the following is **NOT** one of the features of the SALt lamp?
- (A) Seawater can be used in it to produce energy.
 - (B) It’s meant to be harmless to our environment.
 - (C) The concept adopted is similar to that of battery making.
 - (D) Since its production is pollution free, it won’t cause fires.

56. What can be inferred from the passage?

- (A) It is still a long way before the products hit the market.
- (B) There will be no profit involved in manufacturing the products.
- (C) The team would work alone rather than cooperate with other organizations.
- (D) The disadvantaged are likely to be the first to benefit from the launch of the products.

第貳部分：非選擇題（占 28 分）

說明：本部分共有二題，請依各題指示作答，答案必須寫在「答案卷」上，並標明大題號（一、二）。作答務必使用筆尖較粗之黑色墨水的筆書寫，且不得使用鉛筆。

一、中譯英（占 8 分）

說明：1. 請將以下中文句子譯成正確、通順、達意的英文，並將答案寫在「答案卷」上。
2. 請依序作答，並標明子題號（1、2）。每題 4 分，共 8 分。

1. 自從上了高中之後，我不僅變得更加獨立，也學會對自己的行為負責。
2. 除了主動學習外，我也藉由參加社團活動來擴展生活經驗及學習如何與別人相處。

二、英文作文（占 20 分）

說明：1. 依提示在「答案卷」上寫一篇英文作文。
2. 文長至少 120 個單詞（words）。

提示：請仔細觀察以下三幅連環圖片的內容，並想像第四幅圖片可能的發展，寫一篇涵蓋所有連環圖片內容且有完整結局的故事。

