

大學入學考試中心
108學年度指定科目考試試題

英文考科

—作答注意事項—

考試時間：80分鐘

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。

第壹部分：選擇題（占 72 分）

一、詞彙題（占 10 分）

說明：第 1 題至第 10 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. The sign in front of the Johnsons' house says that no one is allowed to set foot on their _____ without permission.
(A) margin (B) shelter (C) reservation (D) property
2. Instead of giving negative criticism, our teachers usually try to give us _____ feedback so that we can improve on our papers.
(A) absolute (B) constructive (C) influential (D) peculiar
3. A study shows that the chance of an accident is much higher for drivers who are _____ in phone conversations while driving.
(A) contained (B) engaged (C) included (D) located
4. Mike trembled with _____ and admiration when he saw the magnificent view of the waterfalls.
(A) awe (B) plea (C) oath (D) merit
5. Ms. Chen has a large collection of books and most of them are quite heavy; she needs a bookshelf _____ enough to hold all of them.
(A) coarse (B) vigorous (C) portable (D) sturdy
6. The athlete rolled up his sleeves to show his _____ forearms, thick and strong from years of training in weight-lifting.
(A) barren (B) chubby (C) ragged (D) muscular
7. Suffering from a serious financial crisis, the car company is now on the edge of _____, especially with the recent sharp decrease in its new car sales.
(A) graduation (B) capacity (C) depression (D) bankruptcy
8. After the rain, the meadow _____ under the sun with the droplets of water on the grass.
(A) rippled (B) shattered (C) glistened (D) mingled
9. The Great Wall of China was originally built to _____ the northern border of the country against foreign invasion.
(A) fortify (B) rehearse (C) diminish (D) strangle
10. A mad scientist in a novel is often portrayed as a wild-eyed man with crazy hair, working _____ in a lab full of strange equipment and bubbling test tubes.
(A) contagiously (B) distinctively (C) frantically (D) tremendously

二、綜合測驗（占 10 分）

說明：第 11 題至第 20 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 11 至 15 題為題組

The fashion industry in Africa has witnessed tremendous growth in recent years. African fashion design has caught the eyes of international celebrities including former US first lady, Michelle Obama, Rihanna, and Beyoncé, 11. Global demand for African-inspired fashion has led to incredible sales for some African designers and brands.

Folake Folarin-Coker, founder of Tiffany Amber, is one of the best-known fashion designers in both the African and global fashion industry. Born in Lagos, Nigeria, she received her education in Europe, 12 she got an opportunity to interact with various cultures at a young age. 13, she has a master's degree in law from Switzerland, but as fate would have it, her passion for fashion led her into fashion design.

Folake's tasteful and colorful creations have earned her global 14, making her the first African fashion designer to showcase her talent at the New York Mercedes Fashion Week for two consecutive years. She has also been widely 15 in international media such as CNN. In 2013, she was listed as one of the Forbes Power Women in Africa.

11. (A) if any (B) among others (C) in short (D) at best
12. (A) where (B) there (C) that (D) whether
13. (A) Generally (B) Ideally (C) Relatively (D) Interestingly
14. (A) recognition (B) motivation (C) supervision (D) preparation
15. (A) believed (B) announced (C) featured (D) populated

第 16 至 20 題為題組

When we stream the latest TV series, or download high-resolution photos, we are probably unaware that the data behind them is speeding around the world in cables under the sea.

These cable systems, faster and cheaper than satellites, carry most of the intercontinental Internet traffic. Today, there are over 420 submarine cables 16, stretching over 700,000 miles around the world. It is not a new phenomenon, 17. The first transcontinental cable—laid in 1854—ran from Ireland to Newfoundland, and made telegraph communication possible between England and Canada. Currently, the world's highest-capacity undersea Internet cable is a 5,600-mile link between the US and Japan. 18 named "FASTER," the cable connects Oregon in the US with Japan and Taiwan.

The submarine cables require extra 19 to install. They must generally be run across flat surfaces of the ocean floor, and stay clear of coral reefs, sunken ships, fish beds, and other general 20. The fiber-optic cables are also very fragile, so they are surrounded with layers of tubing and steel to prevent damage.

16. (A) at large (B) in service (C) by contrast (D) under control
17. (A) then (B) still (C) instead (D) though
18. (A) Suitably (B) Constantly (C) Vivally (D) Mockingly
19. (A) speed (B) light (C) care (D) link
20. (A) directions (B) obstacles (C) aquariums (D) circulations

三、文意選填（占 10 分）

說明：第21題至第30題，每題一個空格，請依文意在文章後所提供的(A)到(L)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 21 至 30 題為題組

The Getty Center sits more than 800 feet above sea level, towering above the city of Los Angeles. A 0.75-mile-long tramway takes visitors to the top of the hill. At the top, four exhibit pavilions and a visitor center form the heart of an eleven-building complex. The museum was originally constructed to 21 the vast art collection belonging to oil tycoon J. Paul Getty. Today, it is stocked with so many art works that the exhibit arenas can show just a part of them at a time, making the 22 special exhibitions a highlight of any visit to the Getty.

The Center's award-winning architect, Richard Meier, did an outstanding job of creating a public space that has 23 many visitors. Visitors go to the Getty thinking they are visiting a museum with works of art on the inside. What they discover instead is a work of art with a museum inside. The idea is interesting: The outdoor space can be a completely satisfying 24 experience.

Meier took a few basic 25: metal, stone and glass. Working with a billion-dollar budget, he combined them to create a work of architecture that can excite visitors as much as the art collection inside does. Around every corner and at every 26, there is a new view to enchant guests. And then, just when they think they have seen it all, a new fountain or landscape pops up.

The building stone is travertine, 27 from Italy, the same source as for the historic buildings in Rome. A special cutting process exposes the fossils long buried inside the stone, which reveals the delicate treasures 28 under the rough surface. Some of them are set as "feature" stones scattered about the site, waiting to 29 those who find them. The most fantastic one is on the arrival plaza wall, across from the tram station.

In addition to museum tours, the Getty also provides various free on-site tours, including tours of the gardens. These 30 are a must for anyone interested in learning more about Meier's techniques and ideas.

(A) delight (B) explorations (C) turn (D) surprised (E) imported (F) over-emphasized
(G) artistic (H) hidden (I) foundations (J) materials (K) house (L) ever-changing

四、篇章結構（占 10 分）

說明：第31題至第35題，每題一個空格。請依文意在文章後所提供的(A)到(F)選項中分別選出最適當者，填入空格中，使篇章結構清晰有條理，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 31 至 35 題為題組

Copernicus, founder of modern astronomy, was born in 1473 to a well-to-do merchant family in Torun, Poland. He was sent off to attend university in Italy, studying mathematics and optics, and canon law. Returning from his studies abroad, Copernicus was appointed to an administrative position in the cathedral of Frauenburg. There he spent a sheltered and academic life for the rest of his days.

31 He made his observations from a tower situated on the protective wall around the cathedral. His observations were made with the "bare eyeball," so to speak, as a hundred years were to pass before the invention of the telescope. In 1530, Copernicus completed his famous work *De Revolutionibus*, which later played a major role in changing the philosophical view of humankind's place in the universe. 32

Copernicus died in 1543 and was never to know what a stir his work would cause. In his book, he asserted that the Earth rotated on its axis once daily and traveled around the Sun once yearly. 33 People then regarded the Earth as stationary, situated at the center of the universe, with the Sun and all the planets revolving around it. Copernicus' theory challenged the long-held belief that God created the Heavens and the Earth, and could overturn the core values of the Catholic world. 34 Other ministers quickly followed suit, saying of Copernicus, "This fool wants to turn the whole art of astronomy upside down."

Ironically, Copernicus had dedicated his work to Pope Paul III. 35 The Church ultimately banned *De Revolutionibus*, and the book remained on the list of forbidden reading material for nearly three centuries thereafter.

- (A) Meanwhile, Copernicus was a lifelong member of the Catholic Church.
- (B) The book, however, wasn't published until two months before his death.
- (C) If this act was an attempt to seek the Catholic Church's approval, it was of no use.
- (D) This went against the philosophical and religious beliefs held during medieval times.
- (E) Religious leader Martin Luther voiced his opposition to the sun-centered system model.
- (F) In his spare time, Copernicus studied the stars and the planets, applying his math knowledge to the mysteries of the night sky.

五、閱讀測驗（占 32 分）

說明：第36題至第51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 36 至 39 題為題組

Tempeh (or *tempe*), a traditional soy product from Indonesia, is hailed as the country's "gift to the world," like *kimchi* from Korea or *miso* from Japan.

A stable, cheap source of protein in Indonesia for centuries, *tempeh* is a fermented food originating from the island of Java. It was discovered during tofu production when discarded soybean residue caught microbial spores from the air and grew certain whitish fungi around it. When this fermented residue was found to be edible and tasty, people began producing it at home for daily consumption across the country. This has given rise to many variations in its flavor and texture throughout different Indonesian regions.

Tempeh is high in protein and low in fat, and contains a host of vitamins. In fact, it is the only reported plant-based source of vitamin B12. Apart from being able to help reduce cholesterol, increase bone density, and promote muscle recovery, *tempeh* has a lot of polyphenols that protect skin cells and slow down the aging process. Best of all, with the same protein quality as meat and the ability to take on many flavors and textures, *tempeh* is a great meat substitute—something the vegetarian and vegan communities have been quick in adopting.

In addition to its highly nutritional makeup, *tempeh* has diverse preparation possibilities. It can be served as a main course (usually in curries) or a side dish to be eaten with rice, as a deep-fried snack, or even blended into smoothies and healthy juices. Though not yet a popular food among international diners, you may find *tempeh*-substituted BLTs (bacon, lettuce, tomato sandwiches) in San Francisco as easily as you can find vegetarian burgers with *tempeh* patties in Bali.

For the people of Indonesia, *tempeh* is not just food but also has cultural value. With the Indonesian traditional fabric *batik* being recognized by UNESCO as "Intangible Cultural Heritage of Humanity," *tempeh* has great potential for this honor as well.

36. What is the passage mainly about?

- (A) The preparation of a health food. (B) A traditional delicacy from Java.
(C) A gourmet guide for vegetarians. (D) The cultural heritage of Indonesia.

37. According to the passage, which of the following is true about *tempeh*?

- (A) It is mainly served as a side dish. (B) It is discarded when fungi grow around it.
(C) It is formed from fermented soybeans. (D) It has the same nutritional benefits as *kimchi*.

38. What aspects of *tempeh* are discussed in paragraphs 2 to 4?

- (A) Origin → nutrition → cuisine. (B) Origin → cuisine → marketing.
(C) Cuisine → nutrition → marketing. (D) Distribution → cuisine → nutrition.

39. Which of the following can be inferred from this passage?

- (A) Senior citizens will eat *tempeh* as vitamin supplement.
(B) *Tempeh* will soon be more popular than *kimchi* or *miso*.
(C) The nutrition of *tempeh* will be reduced with mass production.
(D) *Tempeh* is likely to be recognized as an international cultural symbol.

第 40 至 43 題為題組

When Dr. David Spiegel emerged from a three-hour shoulder surgery in 1972, he didn't use any pain medication to recover. Instead, he hypnotized himself. It worked—to the surprise of everyone but Spiegel himself, who has studied hypnosis for 45 years.

Hypnosis is often misunderstood as a sleep-like state in which a person is put to sleep and does whatever he is asked to do. But according to Dr. Spiegel, it is a state of highly focused attention and intense concentration. Being hypnotized, you tune out most of the stimuli around you. You focus intently on the subject at hand, to the near exclusion of any other thought. This trance-like state can be an effective tool to control pain, ease anxiety, and deal with stress.

Not all people, however, are equally hypnotizable. In a recent study, Dr. Spiegel and his colleagues found that people who are easily hypnotized tend to be more trusting of others, more intuitive, and more likely to get caught up in a good movie. The research team compared people who were highly hypnotizable with those low in hypnotizability. Both groups were given fMRI scans during several different conditions: at rest, while recalling a memory, and during two sessions of hypnosis. The researchers saw some interesting changes in the brain during hypnosis—but only in the highly hypnotizable group. Specifically, there was a drop in activity in the part of the brain which usually fires up when there is something to worry about.

This helps explain how hypnosis can have powerful effects, including reducing stress, anxiety, pain, and self-consciousness. Spiegel hopes that the practice can be used to replace painkillers. His own previous research has shown that when people in pain were taught self-hypnosis, they needed half the pain medication and suffered half the pain of those who were only given access to painkillers. However, more needs to be learned about hypnosis in order to harness its potential effects.

40. How does the author begin the passage?

- (A) By giving a definition. (B) By mentioning an incident.
(C) By providing statistics. (D) By comparing people's responses.

41. According to the passage, what is the goal of Dr. Spiegel's work?

- (A) To explain the real cause of pain.
(B) To help people concentrate on their job.
(C) To explore how hypnosis can be used as a medical treatment.
(D) To strengthen the brain's functions to reduce psychological problems.

42. According to Dr. Spiegel, which of the following is true when people are hypnotized?

- (A) They recall only happy memories. (B) Their mind is fixed only on what they are doing.
(C) They do whatever they are told to do. (D) They have greater awareness of things around them.

43. What can be inferred about highly hypnotizable people?

- (A) They tend to be isolated from the society.
(B) They are more likely to fall asleep during the day.
(C) They may easily identify themselves with characters in fictions.
(D) They are more trustworthy than people who are less hypnotizable.

第 44 至 47 題為題組

In many languages, such as English, there is no straightforward way to talk about smell. For **want** of dedicated odor terminology, English speakers are often forced to use odor-sources such as “flowery” and “vanilla” and metaphors like “sweet” and “oriental” in their descriptions of smell.

But the difficulty with talking about smell is not universal. The Maniq, a group of hunter-gatherers in southern Thailand, can describe smells using at least fifteen different terms, which express only smells and are not applicable across other sensory domains. In addition to Maniq, researchers found that there are also a dozen words for various smells in Jahai, a language spoken by a neighboring hunter-gatherer population.

Interestingly, the difficulty for English speakers to translate smell directly into words seems to have very little to do with the nose's actual capabilities. According to findings of a recent study, English speakers are capable of discriminating more than a trillion different odors. Then, why is there a gap between their ability to discriminate scent and their vocabulary? The researchers suggest that surroundings may play a significant role.

Maniq and Jahai speakers live in tropical rainforest regions with a hunting-gathering lifestyle, and these two ethnic groups evaluate their surroundings through their noses to survive in nature. In an environment that is still largely untouched by humans, they are surrounded by smells at all times. They need to use their sense of smell to identify animals that they can hunt, and to recognize objects or events, such as spoiled food, that can pose a danger. Unlike the Maniq and the Jahai, many English speakers inhabit the post-industrial west and do not rely on smells to survive in their environment. This difference may explain the interesting linguistic phenomenon discussed above.

44. What is the purpose of this passage?
- (A) To evaluate the languages used by different ethnic groups.
 - (B) To prove how civilization slows down language development.
 - (C) To describe how terms of smell are found in different languages.
 - (D) To point out the link between language use and the environment.
45. What does the word “**want**” in the first paragraph most likely mean?
- (A) Lack.
 - (B) Growth.
 - (C) Loss.
 - (D) Search.
46. Which of the following is true about the Maniq?
- (A) They live in a different climate zone from the Jahai.
 - (B) Their ability to smell is stronger than that of the Jahai.
 - (C) They use smell terms to describe how food looks and tastes.
 - (D) Their living environment is similar to that in earlier human history.
47. Why is it difficult for English speakers to describe smells directly?
- (A) They cannot distinguish the smells around them.
 - (B) The sense of smell is not critical for their survival.
 - (C) They consider it uncivilized to talk about smells directly.
 - (D) There are not many sources of odor in their surroundings.

第 48 至 51 題為題組

The okapi is a mammal living above the equator in one of the most biodiverse areas in central Africa. The animal was unknown to the western world until the beginning of the 20th century, and is often described as half-zebra, half-giraffe, as if it were a mixed-breed creature from a Greek legend. Yet its image is prevalent in the Democratic Republic of Congo—the only country in the world where it is found living in the wild. The okapi is to Congo what the giant panda is to China or the kangaroo to Australia.

Although the okapi has striped markings resembling those of zebras’, it is most closely related to the giraffe. It has a long neck, and large, flexible ears. The face and throat are greyish white. The coat is a chocolate to reddish brown, much in contrast with the white horizontal stripes and rings on the legs and white ankles. Overall, the okapi can be easily distinguished from its nearest relative. It is much smaller (about the size of a horse), and shares more external similarities with the deer than with the giraffe. While both sexes possess horns in the giraffe, only males bear horns in the okapi.

The West got its first **whiff** of the okapi in 1890 when Welsh journalist Henry Morton Stanley had puzzled over a strange “African donkey” in his book. Other Europeans in Africa had also heard of an animal that they came to call the “African unicorn.” Explorers may have seen the fleeting view of the striped backside as the animal fled through the bushes, leading to speculation that the okapi was some sort of rainforest zebra. Some even believed that the okapi was a new species of zebra. It was only later, when okapi skeleton was analyzed, that naturalists realized they had a giraffe on their hands.

In 1987, the Okapi Wildlife Reserve was established in eastern Congo to protect this rare mammal. But decades of political turbulence has seen much of the Congo’s natural resources spin out of the government’s control, and okapi numbers have fallen by 50 percent since 1995. Today, only 10,000 remain.

48. Which of the following is a picture of an okapi?



49. Which of the following descriptions is true about the okapi?

- (A) It is an important symbol of Congo. (B) It is a mystical creature from a Greek legend.
(C) It has been well protected since 1987. (D) It is more closely related to the zebra than the giraffe.

50. What does the word “whiff” most likely mean in the third paragraph?

- (A) Firm belief. (B) Kind intention. (C) Slight trace. (D) Strong dislike.

51. Which of the following can be inferred about Henry Morton Stanley?

- (A) He was the first European to analyze okapi skeleton.
(B) He had found many new species of animals in Africa.
(C) He did not know the “African donkey” in his book was the okapi.
(D) He had seen the backside of an okapi dashing through the bushes.

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），若因字跡潦草、未標示題號、標錯題號等原因，致評閱人員無法清楚辨識，其後果由考生自行承擔。作答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. 創意布條最近在夜市成了有效的廣告工具，也刺激了買氣的成長。
2. 其中有些看似無意義，但卻相當引人注目，且常能帶給人們會心的一笑。



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：右表顯示美國 18 至 29 歲的青年對不同類別之新聞的關注度統計。請依據圖表內容寫一篇英文作文，文長至少 120 個單詞。文分二段，第一段描述圖表內容，並指出關注度較高及偏低的類別；第二段則描述在這六個新聞類別中，你自己較為關注及較不關注的新聞主題分別為何，並說明理由。

