

國立嘉義高級中學111學年度科學班甄選入學科學能力檢定-

英文科能力檢定試題

(本測驗共分五大題，共45題，第1-43題，請選出每一題的最佳答案，並將

答案劃記在答案卡上。第44-45題，請將答案寫在答案卷上。)

I. 字彙選擇 2% × 15 = 30%

- Kids and elders are likely to trip over the _____ floor, you need to turn on the fan to dry it.
(A) weird (B) slippery (C) moral (D) foggy
- Our school carried out the _____ program online, with more than 10 schools from different countries joining and sharing their cultures and local specialties.
(A) exchange (B) copyright (C) torture (D) escape
- Kathy changes her mind _____, which is hard for us to predict her next step all the time.
(A) annually (B) initially (C) constantly (D) sharply
- Workers are laughing and cheering, when they learn the news that the minimum _____ will be increased by 10%.
(A) fine (B) fee (C) wage (D) charge
- The vaccine, which is proved _____ through a series of tests, can successfully fight against the disease.
(A) expensive (B) scientific (C) effective (D) electronic
- Gorgia's face _____ when the man she loves invited her to join the birthday party.
(A) shamed (B) cured (C) flushed (D) fooled
- Mike finds it hard to have good communication with his parents; there seems to be a wide _____ gap between him and his parents.
(A) competition (B) superstition (C) cultivation (D) generation
- Will used to hate his nickname, for which he was often _____ by classmates when he was growing up.
(A) scolded (B) floated (C) spotted (D) teased

- The world is hoping Putin can give orders to have Russia's troops _____ from Ukraine as soon as possible.
(A) deposit (B) invade (C) withdraw (D) transfer
- Three hundred passengers were killed in the plane crash, but it was a _____ that a baby was found alive.
(A) tragedy (B) signal (C) tunnel (D) miracle
- The _____ of success varies from person to person. Some view being rich as successful while others think success means having the great power.
(A) definition (B) connection (C) identity (D) religion
- When Sherry _____ herself in the world of fictions, she tends to forget food and sleep.
(A) arms (B) buries (C) desires (D) pains
- Basically, the couple should have polite attitude toward each other and _____ trust has been considered important.
(A) mutual (B) liberal (C) casual (D) serial
- Some are getting _____ about the future of traveling abroad, with more and more countries lifting their border restrictions.
(A) sympathetic (B) dramatic (C) fantastic (D) optimistic
- The film called *Tinder Swindler* _____ the dark sides hidden in the dating app and warns people of not falling victim to a fraud.
(A) adapts (B) reveals (C) prevents (D) profits

II. 克漏字選擇 2% × 8 = 16%

(16—19題為題組)

(A) Debates on the effects of technology _____16_____ for centuries. While it is true that technology has long benefited humanity, it is known to have negative consequences too. Here are some examples.

The market for short-term video apps is competitive, and large players such as Instagram and Snapchat fight for superiority. _____17_____, there are also literally thousands of “start-ups” looking to break into the market as well. One of these, _____18_____ target audience happens to be school children, is called Houseparty. This app uses split-screen video software to simulate “hanging out” with friends. Apps like Houseparty _____19_____ accelerated Internet speeds such as 5G, but this one in particular has drawn criticism from child protection groups because of its option to invite strangers into chats.

16. (A. is existing B. existed C. have existed D. were existing)
17. (A. However B. Therefore C. Instead D. Consequently)
18. (A. which B. that C. who D. whose)
19. (A. are made of B. keep up with C. get used to D. take advantage of)

(20—23題為題組)

(B) One of the world’s sourest liquids has been used in cooking, as medicine, and for cleaning purpose. It has even been mixed with sugar water to create a refreshing drink. What exactly is this multi-purpose ingredient? It’s none other than vinegar. 20 in almost every kitchen in the world, vinegar was accidentally discovered one day in ancient times just like wine, 21 comes from grape juice left undisturbed. 22, wine left untouched transforms into vinegar due to further fermentation of the existing sugars in the original grape juice. Nowadays, vinegar can be made from a wide 23 of products, including apples, sugar cane, coconuts, honey, and even rice.

20. (A. To find B. Finding C. Found D. Been found)
21. (A. which B. that C. what D. while)
22. (A. Besides B. Frankly C. Fortunately D. Likewise)
23. (A. range B. portion C. field D. material)

III. 文意選填 2% × 14 = 28%

1．請依文意在文章後所提供的 (AB) 到 (CD) 選項中，選出最適當者。
將其代號劃記在答案卷上。

2．如果答案為 (AB) ，需同時劃記該題答案卡上的(A)和(B)選項。

(24—30題為題組)

(A) France customers are encouraged to make more environmentally friendly habits under a series of new rules. A law banning plastic packaging for great numbers of fruits and vegetables 24 in France. Starting from New Year’s Day, leeks, carrots, potatoes, apples, peers and around 30 other fresh produce will no longer be sold in plastic bags. Some soft

fruits such as raspberries and blueberries, are given longer time for 25 to find alternatives to plastic. Threatened by the serious plastic pollution, some people find it necessary to 26 the new lifestyle.

Living the era of the explosion of COVID-19 cases, however, this policy seems more challenging for the public. Though most of them are aware of the importance of reducing the amount of plastic, they are more concerned with the sanitary 27. Besides, France packaging industry complained that the government didn’t 28 them of the change beforehand.

Facing waves of 29, France President, Emmanuel Macron still showed his determination, calling the ban “a real revolution”. He said, “France 30 globally with its law to gradually phase out all single-use plastics by 2040.”

(24—30題選項)

AB <u>producers</u>	AC <u>takes effect</u>	AD <u>adopt</u>	AE <u>highlight</u>
BC <u>takes the lead</u>	BD <u>issues</u>	BE <u>inform</u>	CD <u>criticism</u>

(31—37題為題組)

(B) BTS was one of the first K-pop groups on Twitter. The band also posted vlogs on YouTube and shared the small, simple moments of their lives on Korean live-streaming 31 AfreecaTV and V Live. The Internet is full of videos of unexciting BTS moments, such as clips of them eating meals, or sitting in taxis. Slightly more entertaining is when they pull pranks 32 each other, such as imitating another member’s behavior, or putting objects on them while they snooze. BTS’s online posts 33 a variety of forms – casual posts, live-streamed video diaries, or produced 34 of their web show “Run BTS!” The videos build up seemingly authentic characters for the members. Of course, it’s easy to be 35 about the authenticity of the image they present online. BTS are closely managed and never 36 their romantic lives. But the clips have created a kind of intimacy between BTS and their fans. The personal connection with their fan base established 37 social media gave them an advantage in breaking the overseas market.

(31—37題選項)

AB <u>take</u>	AC <u>mention</u>	AD <u>from</u>	AE <u>through</u>
BC <u>platforms</u>	BD <u>episodes</u>	BE <u>on</u>	CD <u>cynical</u>

IV. 閱讀測驗 3% × 6 = 18%

(38—40題為題組)

(A) The world of fashion is unpredictable. It is constantly evolving, as styles and trends can be in fashion one day and gone the next. One recent trend, known as “eco-fashion,” has quickly worked its way into clothing stores and fashion shows around the world.

Eco-fashion comes in many forms. In general, though, it means safeguarding the environment and insuring its welfare as best as possible throughout the design and production process. In a bid to reduce waste, eco-fashion companies might use recycled materials to make their products. Eco-companies turn these scraps into fabrics for their designs, whereas other companies simply discard them. Some designers also incorporate recycled rubber and recycled plastic into their garments.

The realm of eco-fashion is not limited merely to the use of recycled materials. Some companies excel at using original materials to design natural and sustainable clothes. These products include underwear and dresses made from bamboo and banana leaves respectively. They contain no harmful dyes and bleaches that harm the environment.

Eco-fashion is growing within the fashion industry because the conservation of the Earth’s resources is an increasingly prominent issue for consumers. People are becoming more aware of their environment footprint, and eco-fashion companies help provide a solution by producing clothes that are not only fashionable but good for the environment. That’s great news for the planet and everyone on it.

38. According to the passage, which is **NOT** true about eco-fashion?

- (A) Eco-fashion is growing because consumers are more concerned about the environment.
- (B) Using original materials such as bamboo and banana leaves to design natural clothes is not eco-fashion.
- (C) Some eco-fashion companies use recycled materials to make their products.
- (D) In order to reduce waste, eco-fashion companies produce clothes that are good for the environment.

39. Which of the following words means the opposite of “**sustainable**” in the third paragraph?

- (A) original
- (B) exhaustible
- (C) recyclable
- (D) traditional

40. In this passage, the author’s attitude toward eco-fashion can best be described as _____?

- (A) positive
- (B) pessimistic
- (C) critical
- (D) conservative

(41—43題為題組)

(B) It’s human nature to hit the ceiling sometimes. Would you choose to express your rage or suppress it? For those who feel the strong need to let out anger, a new business arises, which can possibly help you. It’s called “anger room”.

While the first anger room is located in San Diego, California, many others also appear in other states in the USA . Though types of anger rooms are wild and different, they all share the same concept. By paying a fee, you are allowed to destroy plenty of objects within a certain space. Tools you are offered include a lead pipe, a baseball bat or a big hammer. Then, you can smash like TV or other household appliances into million pieces. These objects are out of use and most of them are collected from street corners, garage sales or landfills. After you act like a savage and destroy everything, the business will be responsible for clean up the space.

To ensure your personal safety, you need to sign an agreement first. Despite no one being reported injured in the anger room, it’s necessary to put a priority on your safety.

Anger rooms serve as an outlet for modern people to relieve their pressure. It comes as no surprise that this kind of business will be created. However, psychologists say it’s fine to seek temporary relief from anger rooms. But for a more persistent solution to your problems, you’ll have to handle what’s causing you stress in the first place.

41. What would you expect to do in an anger room?
- (A) Use the lead pipe to smash the brand-new air conditioner.
 - (B) Sit on the old sofa to watch entertaining TV shows.
 - (C) Hammer a used fridge by using a baseball bat.
 - (D) Play the heavy metal music and dance to it.
42. Which of the following statements about anger rooms is **TRUE**?
- (A) People have to pay a million before using the room.
 - (B) Anger rooms are not limited to a state in the USA.
 - (C) Signing an agreement is based on your personal will.
 - (D) The business need to purchase new appliances regularly.
43. What's the message that psychologists want to convey in the last paragraph?
- (A) It's more important to find out the real cause for your pressure.
 - (B) Anger rooms are nothing but a trick created by the business.
 - (C) Modern people like shopping in the outlet to relieve their anger.
 - (D) Never let your negative emotions ruin your life and family.

V. 翻譯 $4\% \times 2 = 8\%$ (請將句子翻譯成英文，並將答案寫在答案卷上。)

44. 我不知道是否 Jack 寫的小說比另外三本更有趣。
45. 冷凍食物非常便利，因為它們可以在食用前幾天就買好。

(試題結束)