

作答說明：本測驗共三部分，共 50 題，每題配分為 2 分，試題皆為單一選擇題，請選出一個正確或最適當的答案，答錯不倒扣。答案需依題號順序清楚填答在答案卷。考完後將「答案卷」及「試題卷」一併繳回。

Part 1: Vocabulary (40%)

Directions: Choose the appropriate words or phrases that best fit the blanks.

1. Experts in urban planning acknowledge that there are many ways to measure energy efficiency, an idea that encompasses the quantity and quality of energy ____.
(A) conceded (C) excessed
(B) consumed (D) discarded
2. Houston, where downtown high-rises are hard to air-condition and where driving is essential for work or recreation, is one of the ____ American cities in energy use.
(A) unproductive (C) inefficient
(B) inadequate (D) incompetent
3. The climate conference represented an important turning point in world history because the world leaders attending the meeting now recognize the ____ of the problem.
(A) resolution (C) urgency
(B) insistence (D) firmness
4. Exercise has ____ health benefits, but losing weight may not be among them. A new study shows that people who take up an exercise program wind up heavier afterward than they were at the start.
(A) innumerable (C) unbounded
(B) boundless (D) inexhaustible
5. Scientists have proved that strong economic growth and a safer environment no longer have to ____ with one another.
(A) struggle (C) engage
(B) conflict (D) appoint
6. A study suggests that a short nap could reduce impulsive behavior and improve the ability to ____ frustration.
(A) withstand (C) abide
(B) struggle (D) battle
7. It is very important for all the countries to be firmly ____ to the right direction of building a new model of major country relations in order to face climate change as a huge challenge.
(A) loyal (C) obsessive
(B) faithful (D) committed
8. The research acknowledged that the sample of his research is small and may not be ____ to other populations.
(A) spreading (C) reliable
(B) dispersing (D) applicable
9. While legislation and regulation are essential to set the ground rules, the ultimate goal of ____ fossil fuels with renewable energy will require accelerated research and investment, and technological breakthroughs.
(A) shifting (C) engaging
(B) replacing (D) exchanging
10. Advances in technology might make Antarctica more accessible three decades from now. And scholars warn that the ____ for resources in an energy-hungry world could raise pressure to renegotiate Antarctica's treaties.
(A) petition (C) demand
(B) appeal (D) plea
11. El Nino occurs every two to seven years. It is associated with heavy rain and global warming. It also ____ property and residents in El Nino-driven regions.
(A) discloses (C) approaches
(B) exposes (D) threatens
12. People usually use their senses to feel the world. With the help of virtual reality, computers will be able to ____ three-dimensional environment for people to manipulate objects.
(A) occupy (C) generate
(B) install (D) supplement

13. The Waldorf Astoria hotel has hosted U.S. presidents and celebrities such as Obama and Frank Sinatra. This hotel ____ ultimate services and world-class dining experiences.
(A) guides (C) mentors
(B) peaks (D) features
14. St. Helena, a remote island lies between Africa and South America on the Atlantic Ocean, produces high-quality coffee of which the aroma was ____ by Napoleon Bonaparte.
(A) acclaimed (C) esteemed
(B) praised (D) prized
15. In UK, people are consuming two million tons of sugar every year. Experts warned that having too much sugar will cause weight gain, tooth decay, and the ____ for health-related sickness later.
(A) competence (C) alternative
(B) potential (D) capability
16. Technology is constantly _____. For example, LG has been working on the creation of flexible screens. That is to say, the screen can be bended in any directions.
(A) evolving (C) transcending
(B) promoting (D) exceeding
17. Insects and plants in general appear to be more ____ to climate changes. They are not well-adapted to sudden drop or rise of the temperature.
(A) liable (C) tangible
(B) convertible (D) vulnerable
18. It's amazing that no snowflake is the same. Scientists ____ at the beauty and uniqueness of snowflakes when they are observed under a microscope.
(A) integrate (C) marvel
(B) conceive (D) refine
19. Visitors from all over the world used to visit the ____ spot, Times Square, to see the drop of the ball and celebrate the coming of new year. It has become a tradition in New York City.
(A) loyal (C) illustrative
(B) revealing (D) iconic
20. Whitehorse, the capital city of Yukon in Canada, has been verified as having the cleanest air with the least amount of ____ particles in the world by the Guinness book of records.
(A) poisonous (C) crushing
(B) dreadful (D) disastrous

Part 2: Cloze (40%)

Directions: Choose the appropriate words or phrases that best fit the blanks in the passages.

Questions 1-5 refer to the following passage.

Scientists predict that millions of people will die because of the rise of temperature and humidity by 2060. Greenhouse gas emissions have (1)____ people in danger and affected tropical regions like Africa, the Middle East, and India. In fact, heatwaves have killed more people (2)____ other forms of natural disasters. For example, the death toll in India has passed 2000, (3)____ hospital wards reached capacity. Thousands of patients were being treated and most of them were in serious conditions. The young and old tend to experience heat (4)____ such as fainting and swelling. The impact of climate change is expected to (5)____ additional 200,000 deaths around the world, from heat stress, malaria, and respiratory diseases.

1. (A) affected (C) impacted
(B) displayed (D) exposed
2. (A) but (C) for
(B) than (D) with
3. (A) after all (C) on the other hand
(B) as (D) in contrast
4. (A) virus (C) exhaustion
(B) inflection (D) wave
5. (A) originate (C) generate
(B) create (D) cause

Questions 6-10 refer to the following passage.

Consuming genetically modified products are harmful to health. Up to 80% of processed food such as corn, soy, potato contains GMOs to resist drought and insects. According to Perdue University researchers, people will (6)___ mammary tumors, as well as severe multiple organ damage when a large amount of GMO products are (7) ____. However, GMO salmon will soon be (8)___ in restaurants and appearing on the dining table. Since manufactures are not required to label either GMO or farm-raised salmon, this news was shocking to many and undoubtedly (9)___ strong oppositions. People are wondering if they are eating fresh seafood or (10)___ deadly medication.

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| 6. | (A) sustain | (C) suffer |
| | (B) undertake | (D) survive |
| 7. | (A) obliged | (C) digested |
| | (B) attended | (D) condensed |
| 8. | (A) scattered | (C) distributed |
| | (B) circulated | (D) served |
| 9. | (A) made up | (C) turned out |
| | (B) resulted in | (D) worked out |
| 10. | (A) taking | (C) catching |
| | (B) treating | (D) utilizing |

Questions 11-15 refer to the following passage.

In 1986, researchers surveyed a group of more than 50,000 male doctors in the US about their drinking and eating habits, their medical history and state of health over two years. They found that the more alcohol the doctors reported drinking, the lower their (11) ___ of developing coronary artery disease, (12) ___ their dietary habits. Another large study (13)___ in 2000, also in male doctors, found a 'U' shaped relationship between moderate alcohol consumption and death, (14) ___ coronary artery disease. Subjects who drank one standard drink a day were less likely to die within the 5.5-year-long study than those who drank less than one a week, or (15) ___ who drank more than one a day.

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| 11. | (A) ratio | (C) case |
| | (B) chance | (D) accident |
| 12. | (A) without | (C) nevertheless |
| | (B) nonetheless | (D) despite |
| 13. | (A) distributed | (C) published |
| | (B) circulated | (D) disseminated |
| 14. | (A) regardless of | (C) in the fact of |
| | (B) rather than | (D) less than |
| 15. | (A) those | (C) these |
| | (B) them | (D) they |

Questions 16-20 refer to the following passage.

An unspoken rule of travel is that you must avoid boring destinations. If you're going to endure the different (16) ___ of travel, you might as well go someplace interesting, right? Not necessarily. Interesting is a relative term, and one that lies largely in the eye of the traveler. Boring can be good. So-called "exciting" destinations are usually crowded, swarming (17) ___ fellow travelers (18) ___ that very same exhilaration. If you've visited Florence during the summer, you know what I mean. Boring places, (19) ____, are fresher and therefore more receptive to our trespasses. A few miles off the coast of Bali, for instance, lies the lesser-known Indonesian island of Lombok, (20) ___ I spent one of the happiest weeks of my life.

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| 16. | (A) irritations | (C) difficulties |
| | (B) hassles | (D) worries |
| 17. | (A) of | (C) with |
| | (B) by | (D) in |
| 18. | (A) in search of | (C) in place of |
| | (B) In presence of | (D) in addition to |
| 19. | (A) likewise | (C) similarly |
| | (B) just as | (D) by contrast |
| 20. | (A) which | (C) for which |
| | (B) where | (D) to which |

Part 3: Writing Skills (20%)

Directions: Choose the best answer.

1. **Choose one correct sentence.**
 - (A) You have not spoken to me one month ago. Is everything ok?
 - (B) I had gone to Japan for three times. I had a great time there.
 - (C) She has lived in Toronto since last summer. I miss her a lot.
 - (D) We had married in 2015. We love each other so much.
2. **Choose one correct sentence.**
 - (A) Either John or my brothers are going to go to the concert.
 - (B) Each of the department is responsible for collecting data.
 - (C) Neither my colleague nor my classmate are going to USA.
 - (D) More than one student has reported the project to the teacher.
3. **Choose one correct sentence.**
 - (A) A backpack stuffed with bread and two piles of files on the desk.
 - (B) The manager, who has no patience waiting for late people, is angry.
 - (C) Because hungry boys open their mouths and grab the food eagerly.
 - (D) Having a piece of pie and some chilled lemonade on a hot sunny Saturday.
4. **Choose one correct sentence.**
 - (A) She would travel around the world if she could retire next year.
 - (B) If I win the lottery, I would have become a billionaire.
 - (C) John would get married with Kate if they had not broken up.
 - (D) If May had been careful, she would not have that accident.
5. **Choose one correct sentence.**
 - (A) This is Paul, who I believe you've already met at the conference.
 - (B) Eva's teacher whose she can rely on will retire next year.
 - (C) I need to know whom cleaned the room and mopped the floor.
 - (D) The computer engineer whom I asked for assistance was smart.
6. The following sentences are in the same paragraph. Which of the following is the best topic sentence?
 - (A) America is a country worth visiting for people with different interests and ages.
 - (B) When you're traveling to America, you can visit different cities like Chicago or Atlanta.
 - (C) Cities in the west part of America are usually very modern and prosperous.
 - (D) In fact, America receives millions of visitor per year, which outnumbers some European countries.
7. The following sentences are in the same paragraph. Which of the following is introducing one specific main idea?
 - (A) I have known Jake since we were studying in senior high school.
 - (B) The best quality about my best friend Jake is his thoughtfulness.
 - (C) My best friend Jake loves to play many kinds of sports and music.
 - (D) I will cherish the friendship between Jake and I forever and ever.
8. The following sentences are in the same paragraph. Which of the following is the best concluding sentence?
 - (A) New York City hosts one of the most famous celebrations – New Year Countdown.
 - (B) After the countdown, people hug each other to wish a happy new year.
 - (C) The New Year Countdown definitely signals the start of a new year.
 - (D) This famous event started in the early 1900s in New York City.

9. Choose the best supporting sentence from the following paragraph: "Smart phones are the most modern invention nowadays. They have changed the way how people communicate. In the past, people wrote letters. It took a long time to get information from your friends. But for now, many kinds of communication apps are available for users to download from their smart phones. _____ . The distance between people is getting closer because of the prevalence of smart phones.
- (A) I can use my smart phone to go online and chat with my friends at any time.
 - (B) People will like to use smart phones because of its convenience.
 - (C) Smart phones are sure to replace cell phones in the near future.
 - (D) Anyone will be able to receive information within a short time.
10. How can a writer narrow down the topic "my favorite food?"
- (A) Write about some descriptions and details about a special restaurant.
 - (B) Write about the favorite food presented on the menu of different restaurants.
 - (C) Focus on the reasons of why something is the favorite food.
 - (D) Focus on the cooking method of the favorite food.