

注意：請用 2B 鉛筆作答於答案卡，並先詳閱答案卡上之「畫記說明」。

I: Vocabulary (20%)

Choose the word that best completes the sentence.

1. Many Brexit supporters say it is hard to accurately predict what will happen, or believe any economic _____ will be short-term and minor.
(A) disruption (B) dissection (C) disinfection (D) dissimulation
2. Recent studies showed that differences in male and female height were _____ related to life expectancy. For example, men were found to be 7.8% taller and had an 8.4% lower life expectancy.
(A) inversely (B) inadequately (C) intentionally (D) insufficiently
3. The cost of hosting a major sporting event can be quite high, so the host country would have to raise a significant amount of tax _____.
(A) exile (B) reform (C) revenue (D) expenditure
4. New evidence has recently been found to _____ the DNA damage theory of aging.
(A) corrugate (B) confiscate (C) corroborate (D) commemorate
5. The government-funded flu vaccination program aims to vaccinate those who are at great risk of flu and its serious _____ to prevent the virus spreading.
(A) computations (B) commutations (C) competitions (D) complications
6. This bomb attack will _____ the already tense relations between the two neighboring countries.
(A) delineate (B) exacerbate (C) contaminate (D) interrogate
7. Business success demands more than hard work, _____ and expertise in your field. You also need to master a set of soft skills in order to succeed.
(A) residue (B) resilience (C) resemblance (D) reminiscence
8. Cigarette smoking has a proven _____ effect on nearly every organ of the body, raising the risk of several serious health conditions.
(A) deceptive (B) deliberate (C) deferential (D) detrimental
9. The reasons for the Amazon rainforest fires have been _____ by some environmental researchers. Human activity is the main cause of these Amazonian wildfires.
(A) deployed (B) forfeited (C) elucidated (D) reprimanded
10. Fires devastating Australia's east coast have arrived unusually early this year. It is only just spring and so this may be a(n) _____ sign of more trouble to come.
(A) ominous (B) credulous (C) scurrilous (D) parsimonious

II: Sentence Structure (20%)

Choose the best answer that makes the sentence grammatically correct.

11. What _____ consumers to choose a particular product with respect to others is a critical market research survey question every marketer should ask.
(A) drive (B) drives (C) driven (D) driving

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12. The computer has been working well since my brother _____ it for me.
(A) fixed (B) fixes (C) has fixed (D) would fix
13. The music teacher, as well as a number of students, _____ invited to attend the school concert.
(A) was (B) were (C) being (D) so were
14. _____ I had enough money, I would have traveled around the world.
(A) If (B) Had (C) Since (D) Should
15. The doctor asked the patient a number of questions, most of _____ were about her dietary habit.
(A) whom (B) them (C) which (D) the time
16. There is no success but _____ from hard work.
(A) come (B) comes (C) coming (D) not coming
17. The biologist _____ very knowledgeable about botany, this difficult question did not baffle her.
(A) is (B) was (C) been (D) being
18. The price of cars is usually higher than _____.
(A) motorcycles (B) those motorcycles (C) that of motorcycles (D) those of motorcycles
19. _____ bought an iPad than Apple lowered the price.
(A) Not until I (B) As soon as I (C) Only if I had (D) No sooner had I
20. I _____ you with your proposal, but I had an all-day meeting today.
(A) will help (B) would help (C) would be helping (D) would have helped

III: Rational Cloze (44%)

Choose the best answer for each missing word or phrase in the following excerpted passages.

Passage 1: Questions 21-24

Astronomers have discovered a planet three times the mass of Jupiter that travels on a long, egg-shaped path around its star. If this planet (21) somehow placed into our own solar system, it would swing from within our asteroid belt to out beyond Neptune.

The planet was discovered using the radial velocity method, also known as Doppler spectroscopy. The radial velocity method is the most effective method for locating extrasolar planets (22) existing technology. It relies on the fact that a star does not remain completely (23) when it is orbited by a planet. It moves in a small circle or ellipse, responding to the gravitational tug of its smaller companion. When (24) from a distance, these slight movements affect the star's normal light spectrum, or color signature.

21. (A) was (B) were (C) has been (D) had been
22. (A) in (B) to (C) for (D) with
23. (A) sanitary (B) stationary (C) subsidiary (D) supplementary
24. (A) viewed (B) viewing (C) are viewing (D) have viewed

Passage 2: Questions 25-28

Education is a basic human right. Increasing access to education can improve the overall health and longevity of a society, grow economies, and even (25) climate change. (26) in many developing countries, children living in poverty face many barriers to accessing an education.

One of the cruelest barriers to education is gender. In many countries around the world, girls are more likely to be excluded from education than boys. Conflict is another obvious barrier to education, and the scale of its impact is (27). USAID reports that about half of all children not attending school are living in crisis and conflict zones. An outbreak of a particular disease is also an expected barrier to education. Even if the student body is healthy, they may be kept out of school if an (28) has hit their area. All these factors can stall progress to provide quality education.

25. (A) combat (B) exempt (C) accelerate (D) disseminate
26. (A) Yet (B) Only (C) Also (D) Consequently
27. (A) fleeting (B) doddering (C) staggering (D) enchanting
28. (A) ecstasy (B) epidemic (C) endeavor (D) execution

Passage 3: Questions 29-32

Over the last decade, the field of cell therapy has expanded rapidly. While some forms of cell therapy, such as hematopoietic stem cell transplantation to treat certain types of cancer, have been known for a while, it has only been in recent years (29) the field has really started to expand.

Cell therapy holds enormous promise for treating genetic diseases, cancer, and autoimmune disorders. However, there are still some teething problems that need to be (30). Cells are biological material and notoriously unpredictable to grow and transport. Setting up a reliable, consistent and scalable manufacturing system is key to producing cell therapy on a wider scale. If this problem can be cracked, then the issue of excessively high pricing currently (31) a mass rollout might also be at least partly solved. Last but not least, ensuring these therapies are safe for patients and adequately regulated is (32).

29. (A) as (B) how (C) that (D) while
30. (A) vied for (B) counted on (C) aspired to (D) ironed out
31. (A) prevents (B) prevented (C) preventing (D) will prevent
32. (A) petulant (B) paramount (C) prevalent (D) penitent

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Passage 4: Questions 33-37

Disposing of waste has huge environmental impacts and can cause serious problems. In many countries around the world, much is buried in landfill sites. Some waste will eventually rot, but not all, and in the process it may smell, or generate methane gas, which is explosive and (33) the greenhouse effect. Leachate (34) as waste decomposes may cause pollution. Badly-managed landfill sites may attract vermin or cause litter.

A priority is to move from reliance on waste dumps that offer no environmental protection, to waste management systems that (35) useful resources within the economy. Waste (36) at source and use of specialized waste processing facilities to separate recyclable materials has a key role. Disposal of residual waste after extraction of material resources (37) engineered landfill sites and/or investment in waste-to-energy facilities.

33. (A) hinges on (B) wears out (C) looks into (D) contributes to
34. (A) produce (B) produces (C) produced (D) producing
35. (A) retain (B) remove (C) recruit (D) replace
36. (A) sedition (B) solicitation (C) superstition (D) segregation
37. (A) need (B) needs (C) needed (D) needing

Passage 5: Questions 38-42

Cyberbullying and harassment are huge problems for young people on social media. The most common types of harassment youth encounter online are name-calling and rumor-spreading. A 2016 report from the Cyberbullying Research Center indicates that 33.8% of students between 12 and 17 were victims of cyberbullying in their lifetime. (38), 11.5% of students between 12 and 17 indicated that they had engaged in cyberbullying in their lifetime.

Cyberbullying is different from "traditional" bullying (39) that it happens all the time. The (40) of smartphones and the rise of social media has transformed where, when and how bullying takes place. For victims, there is no escape. It's not confined (41) school or the playground. Kids and teens connect through social media, so for many, there is no option to simply go offline. It is crucial to openly discuss cyberbullying with teens. (42) we talk about it, the more comfortable victims will feel speaking out about their experiences.

38. (A) Conversely (B) Coherently (C) Competently (D) Coincidentally
39. (A) as (B) in (C) so (D) except
40. (A) prohibition (B) promulgation (C) proliferation (D) procrastination
41. (A) by (B) to (C) for (D) with
42. (A) The more (B) Given that (C) Even though (D) As long as

IV: Reading Comprehension (16%)

Answer the following questions according to the information provided or implied in the articles.
Choose the best answer to each question.

Article 1: Questions 43-46

How your food is grown or raised can have a major impact on your mental and emotional health as well as the environment. Organic foods often have more beneficial nutrients, such as antioxidants, than their conventionally-grown counterparts. (W) A 2016 European study also shows that organic meat and milk are richer in omega-3 fatty acids.

In addition, organic food is often fresher because it doesn't contain preservatives that make it last longer. Organic produce is often (but not always) produced on smaller farms near where it is sold. Besides, organic produce contains fewer chemical pesticides which are widely used in conventional agriculture. So it is better for nearby birds and animals as well as people who live close to farms.

(X) In fact, organic farming is better for the environment. Organic farming practices reduce pollution, conserve water, reduce soil erosion, increase soil fertility, and use less energy. (Y)

Organic food is also GMO-free. Genetically Modified Organisms (GMOs) or genetically engineered (GE) foods are plants whose DNA has been altered in ways that cannot occur in nature, most commonly in order to be resistant to pesticides. Furthermore, organically raised animals are not given antibiotics or growth hormones. (Z) Even though organic food typically costs more, these advantages might convince you that it's worth the extra expense.

43. Which of the following would be the best title for this article?
- (A) Benefits of organic food
 - (B) Misconceptions about organic food
 - (C) Rules for certifying organic products
 - (D) Factors influencing organic food purchase intention
44. According to this article, which of the following statements about organic food is **TRUE**?
- (A) Non-GMO food is certified organic food.
 - (B) Organic food is tastier, cheaper and fresher.
 - (C) Conventional farming practices help to preserve the environment.
 - (D) Organic food often contains more helpful nutrients than conventional food.
45. At which place in the article would the following sentence best be inserted?
- "They are given more space to move around and access to the outdoors, which help to keep them healthy."*
- (A) The place marked by W
 - (B) The place marked by X
 - (C) The place marked by Y
 - (D) The place marked by Z

46. What is the author's attitude towards organic food?
- (A) Skeptical
 - (B) Supportive
 - (C) Disapproving
 - (D) Disappointed

Article 2: Questions 47-50

Technology is the center of the entertainment industry. With recent technological advancements in the entertainment industry, companies are forced to change the way they produce, distribute, and broadcast content. Today, shows and movies are streamed on devices ranging from smartphones to televisions. Instead of families gathering in the living room to watch their favorite television programs, each watches their favorite shows on one of their many devices. The popularity of streaming from mobile-devices reflects smartphones becoming larger, with more saturated screens.

Streaming is at the forefront of the entertainment industry. Entertainment can be streamed anytime and anywhere. Consumers can choose what they want to watch, without the constraint of broadcast television schedules. Inexpensive monthly subscriptions give customers access to libraries of thousands of TV shows and movies, available instantly. A study by the Consumer Technology Association reports that people aged 18-34 spend 55 percent of their video-watching-time viewing content after it has aired on live television.

Netflix launched its streaming service in 2007, altering at-home entertainment. It's estimated that Netflix represents around 6% of current American TV viewing. That number is projected to rise to around 14% by 2020, according to Fortune magazine. Disney is set to launch its own streaming app in 2018. Many experts believe that other studios will follow shortly.

Streaming services introduced fans to entire TV catalogues, leading to **binge-watching**. Shows are now catered specifically to binge-watchers. Today's shows have a season-long narrative rather than single stories in each episode. On Netflix, whole seasons of shows are released at once, obviously intended for binge-watching.

News and sports are cable's biggest selling advantages. Consumers may not cancel their cable subscription simply to follow their favorite team or to keep current with the news. Disney, the parent company of ESPN, plans to start an ESPN streaming service.

The changes and advancements in entertainment have created expectations for on-demand, and often commercial-free, access to video content. Any players in the industry are racing to keep up with the competition. It wouldn't be surprising if some companies are edged out in the near future.

47. What is this article mainly about?
- (A) The impact of streaming video
 - (B) The pros and cons of streaming video
 - (C) How to create a video streaming website
 - (D) How the streaming service helps family relationships

48. According to this article, which of the following statements about streaming is TRUE?
- (A) Streaming services can help to bring the family together.
 - (B) The rise of streaming has increased the sales of smartphones.
 - (C) Cost and convenience are the main reasons why people use streaming services.
 - (D) Many people cut the cable cord to watch news and sports through online streaming services.
49. Which of the following is the primary meaning of the underlined word “binge-watching” as it is used in the fourth paragraph?
- (A) Keeping an eye on different types of TV shows
 - (B) Spending a lot of money on watching TV shows
 - (C) Subscribing to many live TV streaming services at a time
 - (D) Viewing successive episodes of a single TV series in one sitting
50. What is implied in this article?
- (A) Disney offers vast amounts of live news and sports.
 - (B) There will be more newcomers to the streaming business.
 - (C) Live streaming video viewers prefer smaller-screened phones.
 - (D) Middle-aged and elderly people spend a lot of time watching shows online.

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