

一、字彙與語法選擇(共 25 分,每題 1 分)

1. The railway to the village is still under _____. We will have to take the bus instead.
(A) manufacture (B) instruction (C) construction (D) architecture
2. The politician earned a good _____ by starting a number of charity programs.
(A) investigation (B) contribution (C) reputation (D) devotion
3. The oil spill had _____ the sea and killed many of the living creatures.
(A) contaminated (B) frightened (C) distributed (D) reflected
4. Children are often _____ to violence through TV and films, which has a negative influence on their mental development.
(A) responded (B) exposed (C) adapted (D) corresponded
5. You should make yourself aware of all _____ problems and come up with workable solutions to them in advance.
(A) accurate (B) competitive (C) fantastic (D) potential
6. Charles Darwin created a _____ theory about man's origin, and left a lasting impression on the world of science.
(A) original (B) precious (C) political (D) revolutionary
7. You may get into trouble if you don't pay attention to _____ differences when you visit or move to a foreign country.
(A) cultural (B) apparent (C) aggressive (D) spare
8. _____, all of the people on board survived the plane crash. How lucky they were!
(A) Essentially (B) Remarkably (C) Eventually (D) Recently
9. The building of the new freeway _____ the rare birds' habitat and made them in danger of extinction.
(A) resembled (B) acquired (C) threatened (D) constructed
10. Someone put his bag in the hallway and Tom tripped over it _____. He broke his left leg.
(A) modestly (B) accidentally (C) dramatically (D) roughly
11. A plane was sent to carry water, food, and medical _____ for the sufferers in the earthquake-stricken areas.
(A) supplies (B) treatment (C) expense (D) triumph
12. Every year, Joe has a different _____ for his birthday party. This year, it's about cowboys.
(A) scene (B) theme (C) talent (D) status
13. In poetry, the beauty and sweetness of flowers is often _____ that of young women.
(A) compared to (B) belonged to (C) suffered from (D) bent down
14. The mayor asked everyone present to have a one-minute _____ in honor of victims in the flood.
(A) performance (B) silence (C) direction (D) religion
15. A: What _____ does Stephen Curry play in the Golden State Warriors of the NBA? B: Point Guard.
(A) combination (B) relation (C) assistance (D) position
16. In a democratic country, people enjoy their own _____ practices, such as going to church and praying to God.
(A) religious (B) national (C) traditional (D) persuasive
17. After being proven innocent, he was _____ from prison immediately.
(A) relaxed (B) relieved (C) released (D) relived
18. Smelling the cake, the dog was _____ with saliva, and wagging its tail happily.
(A) fulfilling (B) filling (C) dripping (D) dropping
19. A spaceship may _____ when it re-enters the earth's atmosphere.
(A) burn up (B) dress up (C) show up (D) turn up

20. _____ don't hand in their homework will not be allowed to go on the trip.
 (A) Anyone who (B) Who (C) Whoever (D) Those who
21. Speaking of the key to success, some think hard work is important, others think personality is decisive, and still _____ think it all depends on luck.
 (A) some (B) the others (C) some others (D) others
22. Neither the gloomy clouds nor the the strong wind _____ me from enjoying nature. I really like the scenery here.
 (A) stop (B) stopping (C) to stop (D) stops
23. It was not until I reread the book _____ I began to understand its meaning.
 (A) and (B) when (C) that (D) then
24. I need someone to _____ my job when I take a leave of absence.
 (A) take over (B) take up (C) take in (D) take off
25. Bring a bottle of water, _____ you get thirsty in the car.
 (A) as long as (B) in case (C) even though (D) in spite of

二、綜合測驗(共 20 分,每題 1 分)

(A) Poets observe nature and present its beauty in their poems. They usually create an image, 26 suggests a mental picture, to express their feelings. Such word-pictures 27 by poets can vividly describe the details of something and help readers relate their own sensory experiences to the images in the poem. For example, the lines "when the leaves hang 28" and "when the trees bow down their heads" remind us 29 a windy day. These details help readers think of the moment when the wind passes by. We might even bow our own heads, 30 that we are the trees.

- 26 (A) that (B) which (C) what (D) this
- 27 (A) create (B) are created (C) created (D) are creating
- 28 (A) shaking (B) tremble (C) shake (D) trembling
- 29 (A) of (B) for (C) to (D) with
- 30 (A) have imagined (B) imagining (C) imagined (D) and imagining

(B) About 70% of the earth's surface is covered with water. But there was no water when the world was still very young. First, 31 water came to the earth in comets. 32, some hot water inside the planet was pushed to the surface. Later, water vapor in the atmosphere held the sun's heat and kept the planet warm. 33 this "greenhouse effect," life began. Over time, 34 of the water rained back down and oceans were 35 created. The water on the planet is used and recycled by all living things. The rain that falls today is the same rain that fell when dinosaurs walked the earth.

- 31 (A) freezing (B) froze (C) frozen (D) freeze
- 32 (A) Although (B) Also (C) But (D) Therefore
- 33 (A) Because of (B) Because (C) Despite (D) Regardless of
- 34 (A) little (B) much (C) few (D) Many
- 35 (A) however (B) thus (C) even (D) so

(C) We often think of a healthy ocean having bright blue water. However, the blue color may actually be sign of sea sparkle which is caused by a single-cell 36 organism. Colorless or pink during the day, the organism can glow blue at night 37 by movement. Because the organism feeds on and is eaten by other tiny sea creatures, it may be upsetting the food chain in the sea. The organism is thought to grow in unclean waters. Therefore, scientists believe sea sparkle may be 38 of pollution. They can't exactly explain the rise in the number of these organisms worldwide, but they believe that pollution from farming is 39. Sewage and household waste may also contribute 40 the problem.

- 36 (A) marine (B) smashing (C) eternal (D) brutal
 37 (A) if disturbing (B) if be disturbed (C) if been disturbed (D) if disturbed
 38 (A) evidence (B) explanation (C) example (D) examination
 39 (A) blaming (B) blamed (C) to blame (D) blame
 40 (A) in (B) to (C) with (D) for

(D) Have you ever wondered how the universe began and how it will end? *How the Universe Works* explores some of our universe's 41. One episode looks at the big bang. This is the first second when space and time 42 existence and the universe was then created. 43 what might have been involved in the big bang, scientists must break down one second to billionths of a second. One theory is that an event called cosmic inflation 44 within billionths of a second. This is when space expanded faster than the speed of light. This 45 spread the parts of our universe evenly through space and fixed their positions within it.

- 41 (A) portraits (B) approaches (C) devices (D) mysteries
 42 (A) let go of (B) burst into (C) cut down on (D) turned down
 43 (A) To understand (B) Understanding (C) Understand (D) By understanding
 44 (A) was happened (B) was taken place (C) occurred (D) held
 45 (A) expansion (B) communication (C) objective (D) civilization

三、文意選填(共 15 分,每題 1 分) 請忽略大小寫

(A) Dogs' noses contain over 200 million olfactory cells, 46 humans have only five million. Recently, scientists have taken 47 of dogs' keen sense of smell to help detect health problems. Sam has a rare condition that causes her to black out 48 several times a day. Then, Charlie, a black Labrador entered her life. Charlie comes from Medical Detection Dogs, a UK charity that trains dogs to detect the 49 of human diseases. Minutes before Sam passes out, Charlie licks her hand, signaling to Sam that she must find a safe place to rest. Scientists aren't sure 50 Charlie smells, but it seems to be related to Sam's breath. Dogs may be able to help fight cancer, too. One day, patients might simply breathe into a bag, and a dog can determine if there is cancer.

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|-----------|------------------|---------------|-----------|----------|
| (A) odors | (B) unexpectedly | (C) advantage | (D) while | (E) what |
|-----------|------------------|---------------|-----------|----------|

(B) Chen Shih-feng, a member of an international federation of foot and mouth painter, has shown a talent for painting 51 he was young. At the age of 14, 52, a terrible accident happened to him, causing him to lose both of his arms. After the accident, it 53 that Chen was unable to pursuit his interest. But, Chen decided to paint in a hard way because 54 he always wanted to do was become a painter. He held the brush in his mouth, with his saliva drooling all over. After painting, he needed to bend over to wash the brush and shake his head to get the water out of the brush. 55 often made him wet all over, but he never really thought of giving up.

In addition to painting, Chen enjoys scuba diving and fishing in the seas, 56 he gets ideas for his paintings. When 57 diving, Chen also encountered many challenges. A first, he had difficulty 58 his scuba diving teachers to go underwater with him. Without his arms, he could not use sign language, the only way of communication underwater. Finally, he succeeded in going diving by using his feet to communicate with others.

With a strong passion 59 life, Chen has accomplished what he has today 60 his hard work and courage. His story is truly an inspiration to us all.

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|------------|-----------------|---------------|--------------|------------|
| (AB) what | (AC) for | (AD) learning | (AE) seemed | (BC) where |
| (BD) since | (BE) persuading | (CD) through | (CE) however | (DE) this |

四、篇章結構 (共 16 分,每題 2 分)

(A) Located an hour's drive from Amsterdam, Rotterdam is known for its modern architecture and design. 61 The reason for Rotterdam's modernity is that the city was heavily bombed throughout World War II, and its entire center destroyed. 62 It enabled the city to rebuild itself in a unique way. Visitors are introduced to the city's bold architectural style the moment they arrive at Rotterdam Centraal Station. 63 The roof above the train platforms is made of glass to allow natural light to enter. 64

- (A) The destruction, however, came with a silver lining.
- (B) They contrast sharply with the traditional look of other Dutch cities and gives visitors a well-rounded impression of Netherlands.
- (C) More than just a place of arrival and departure, Rotterdam Centraal encourages visitors to hang out in its comfortable atmosphere.
- (D) The station's main building, updated in 2014, is in the shape of an angle that rises to one side.

(B) It is said that after people die, their spirits may stay in the world for a while. 65 To avoid this kind of trouble, many cultures have come up with some ways to deal with these lost spirits. 66 Therefore, almost every family would prepare something good for the ghosts to eat, also burning paper money for them to use in hell. 67 In the western world, people dress up as vampires or witches and walk noisily through the streets to scare away the evil spirits. 68

- (A) Chinese people believe that in the 7th lunar month, the gates of hell are wide open and ghosts can freely roam between the hell and the earth to seek food and entertainment.
- (B) By doing so, the living not only extend their warmth to the dead but also ward off bad luck or misfortune.
- (C) No matter what people may do in different cultures, they all seem to have the same purpose: to avoid any trouble with ghosts and spirits.
- (D) While they are hanging around with nothing better to do, they may do some evil things.

五、閱讀測驗(共 24 分,每題 2 分)

(A) The Ghost Festival lies on the fifteenth day of the seventh lunar month, which is also known as the "Ghost Month" to the Chinese. Although it bears some resemblance to the Qingming Festival (Tomb-sweeping Day), both festivals are different in their natures. Qingming Festival is the day when the Chinese pay homage to their deceased ancestors by sweeping their tombs and preparing food offerings and burning paper money for them. While on the Ghost Festival, although the food offerings are prepared and paper money is burnt, yet they are not only for their deceased ancestors, but also for the so-called unknown lost souls who have no one to pay tribute to.

The most popular story about the origin of this festival is about a monk whose name is Mulian. When Mulian became the chief disciple of the Buddha, he began to miss his mother very much and he used his clairvoyant power to check what had happened to her. To his sorrow, he found out that his mother had been suffering in hell because she treated people badly while she was alive. She was being punished by being unable to digest anything that had passed through her throat. As she had such a big belly, she was thus always feeling hungry. Mulian begged the Buddha to free his mother from such torture, who in turn instructed him to prepare lots of food offerings and have lots of monks recite scriptures to help him liberate his mother. And there go the traditional rituals of the Ghost Festival.

69. How many festivals are mentioned in this article?

- (A) One. (B) Two. (C) Three. (D) Four.

70. What do people **NOT** do during the Qingming Festival?

- (A) To burn paper money.
- (B) To sweep their ancestor's tombs.
- (C) To prepare food offerings for their deceased ancestors.
- (D) To prepare food offerings for the unknown lost souls.

71. Why was Mulian's mother being punished, according to the article?

- (A) Because she had clairvoyant power.
- (B) Because she ill-treated people.
- (C) Because she was always hungry.
- (D) Because she didn't sweep the tombs of her ancestors.

72. What was Mulian's mother's punishment?

- (A) She couldn't see.
- (B) She couldn't walk.
- (C) She couldn't eat.
- (D) She couldn't sleep.

(B) Christina Georgina Rossetti, born in London on December 5, 1830, is considered one of the most important English female poets. Rossetti may be best known for the words of the Christmas carol "*In the bleak Midwinter*" as well as the love poem "*Remember*." She was a very versatile poet and is known for writing all types of poetry, including romance as well as children's poems. She came by her writing abilities naturally, as her father was a minor Italian poet, and several of her siblings would become writers. The fact that she was home-schooled was also a contributing factor to her writing abilities. At age seven, she began writing, and her first verses were written in 1842. In 1850, under the pseudonym Ellen Alleyne, she first submitted seven poems to the journal *The Germ* for publication. Suffering from a chronic disease for years, she died of cancer in 1894. As a poet, her success lies in her ability to unite the devotional and passionate sides of her nature. Here is one of her famous poems:

Ladybugs

I saw a little ladybug flying in the air,
But when I tried to catch her,
two bugs were there.
Two little ladybugs flew up in a tree.

I tiptoed very quietly,
and then I saw three.
Three little ladybugs,
I looked for one more.

I saw one sitting on the ground;
that made four.
Four little ladybugs — another one arrived.
I saw her sitting on a flower,
and that made five.

Five little ladybugs, all red and black —
I clapped my hands and shouted,
and they all flew back!

73. When were Rossetti's poems first published?

- (A) In 1837.
- (B) In 1842.
- (C) In 1850.
- (D) In 1872.

74. Which of the following is **TRUE**?

- (A) Rossetti always wrote the same types of poems.
- (B) The ladybugs in the poem are in different colors.
- (C) Rossetti inherited the writing ability from her father.
- (D) Rossetti wrote the whole play of the famous Christmas carol.

75. In "Ladybugs," where was the poetess?

- (A) In a gym.
- (B) In a garden.
- (C) In an airplane.
- (D) In a dance hall.

76. How many ladybugs stayed with the poetess at the end of her poem?

- (A) One. (B) Three. (C) Five. (D) None

(C) One of the most overlooked natural resources is water. Less sunlight is reaching the oceans, and this means less water will evaporate into the atmosphere, and we will have less rain. Unfortunately, most people still take water for granted and waste it without even thinking. In fact, water is a natural resource that we human beings must really cherish. Now, here are some things we can do to save it.

First, we should water our plants by ourselves instead of using lawn sprinklers, because they waste a lot of water. Next, some of the water given to potted plants evaporates under the sun's heat, so it is a better idea to water these plants at night rather than during the day. Furthermore, we can take a shower instead of a bath. And don't forget that people also waste a lot of water due to the way they do household chores. According to research conducted by experts, washing dishes by hand consumes four times as much water as washing them with a dishwasher. If we do wash our dishes by hand, rather than leave the water running, we should turn it off except when we are actually using it to wash the dishes. The same holds true for washing our hands and brushing our teeth.

Fortunately, more and more people have become aware of just how valuable this limited natural resource is. As a result, many "green"-marked products have been invented to satisfy the demand for environmental protection. For instance, a system named "gray water" collects used water that can be used to flush the toilet. Recently, a new water-saving washing machine has been invented, and it will be on the market soon. With it, people can do their laundry by using only one cup of water. Besides, this washer only uses about two percent of the electricity needed by the "old-fashioned" machines. Although we still have a long way to go, it looks like we are making admirable progress in the fight to save water.

77. What is the best title for the passage?

- (A) Effective Ways to Save Water.
(B) The Influence of Global Warming.
(C) Effective Ways to Invent Eco-friendly Devices.
(D) The Importance of Natural Resources Conservation.

78. If a dishwasher uses eight gallons of water to wash dishes, how many gallons does it take to wash dishes by hand?

- (A) Two gallons. (B) Four gallons. (C) Sixteen gallons. (D) Thirty-two gallons.

79. Which of the following is **NOT** mentioned in the passage as a strategy for saving water?

- (A) Washing our cars less often. (B) Using the gray water system.
(C) Using recycled water for the toilet. (D) Watering potted plants in the evening.

80. What kind of attitude do you think the author took in writing the article?

- (A) Pessimistic. (B) Optimistic. (C) Ironic. (D) Critical.