

第一部分：單題 40% (每題 2 分)

1. I always help others because doing good is more _____ than anything else in the world.
(A) meaningful (B) similar (C) man-made (D) speechless
2. I was encouraged by the _____ given by Nick Vujicic. He told us that never lose hope even though life's difficult.
(A) speech (B) joke (C) feature (D) fortune
3. Make a right turn and take the _____ to the second floor. The office is on your right.
(A) copies (B) postcards (C) stairs (D) habits
4. A good online _____ will show you how to use the word.
(A) notebook (B) account (C) dictionary (D) screen
5. To protect the Earth, we should save more _____ resources, like collecting rainwater.
(A) popular (B) natural (C) unusual (D) convenient
6. Frank kept listening to the song again and again _____ he could sing it well.
(A) if (B) since (C) until (D) whether
7. If you want to succeed, you should face and _____ the problems in life.
(A) deal with (B) cool down (C) light up (D) blow up
8. Kelly shows her _____ on her face easily. When she is happy, she smiles. When she is sad, she cries.
(A) habit (B) emotion (C) hobby (D) breath
9. It's so hot today. I want to drink _____.
(A) cold something (B) cold anything
(C) something cold (D) anything cold
10. My husband is the man _____ black pants over there.
(A) about (B) on (C) for (D) in
11. Ann lives in a house _____ and all of her dogs can run and play happily in it.
(A) with a big yard (B) with a swimming pool
(C) has a big yard (D) has a swimming pool
12. The little girl _____ is playing the recorder is my daughter.
(A) who (B) which (C) × (D) whom
13. The songs _____ by the band are liked by many teenagers.
(A) that write (B) which writes
(C) which is written (D) that are written
14. The smartphones _____ screens are large enough to comfortably read e-mails are expensive.
(A) its (B) whose (C) which (D) who
15. This is the book _____ Ben wants to read.
(A) × (B) what (C) it (D) who
16. The video they make _____ really interesting.
(A) is (B) are (C) be (D) to be
17. Linda : Mr. Wang, can I go to the bathroom?
Mr. Wang : Sure. _____
(A) Never say never. (B) Believe it or not.
(C) Go ahead. (D) I have no idea.

18. Steven : I failed the science test again. _____
Sheila : Cheer up! I can teach you science after school.
(A) I was born this way.
(B) I can make a difference.
(C) Life must be hard for you.
(D) My life has hit rock bottom.
19. Mel : I don't know what to wear to the dinner party.
Mandy : _____ Didn't you just buy a new dress?
(A) That's touching. (B) Come on.
(C) Good luck. (D) Here, pick one.
20. Gary : Mom, I'm sorry! I didn't win first place.
Mom : Don't worry, Gary. _____ I still love you.
(A) You can start a new hobby.
(B) You're the apple of my eye.
(C) I don't want to let you down.
(D) You may end up with no friends.

第二部分：題組 60% (21-28 每題 3 分，29-46 每題 2 分)
(21-24)

Juliette was very sick when she was just a little girl. Every time she tried to run or jump, her body would hurt. She was in and out of the hospital all the time. However, something interesting happened each time she went in for her medicine. She would be taken care of by the same nurse 21. The nurse was very kind when taking care of her. What's more, she always tried to make Juliette laugh to forget about the pain. Over time, Juliette got so much better 22.

Juliette was inspired by the nurse 23, so she became a nurse, too. During her working hours at the hospital one day, she helped an older woman who needed to sit for three hours for the medicine to go into her body. 24, she got a strange feeling. Then, she looked at the woman closely and found out that she was the nurse in her childhood.

📖 pain 疼痛 inspire 啟發 childhood 童年

21. (A) with a sweet face (B) with a long face
(C) with a sad face (D) with a straight face
22. (A) that she wanted to become a teacher in the future
(B) that she didn't have to go to the hospital anymore
(C) that she needed to take medicine three times a day
(D) that she felt stressed out and couldn't sleep well
23. (A) who traveled abroad (B) who planted a flower
(C) who kept a habit of jogging (D) who took care of her
24. (A) After Juliette sent a package
(B) Before Juliette slid down the hill
(C) After Juliette started talking with her
(D) Before Juliette came back from a bakery

(25-28)

Car Free Day is a day that I take very seriously because it is very important not only for us people but also for our planet. First, I must tell you 25 I used to drive my car everywhere. Sadly, I even drove to places less than five minutes away on foot. But now I know that was bad of me. All that 26. On Car Free Day and all the other days of the year, I ride my bike to the places 27. At first, it was very difficult to get to faraway places. Then, over time, I got stronger and could travel to spots 28 miles away. Now, there isn't a day that I don't take my bike out.

📖 faraway 遙遠的 spot 地點

25. (A) which (B) who (C) what (D) that
 26. (A) to be changed (B) change
 (C) has changed (D) changing
 27. (A) what I need to go to (B) how I need to go to
 (C) I need to go to (D) , that I need to go to
 28. (A) which (B) that (C) that is (D) that were

(29-31)

Exercise is important for you to keep your body strong. But exercising your mind is also needed to help your brain stay healthy over time. Here are some simple ways to exercise your mind.

Do something new

It is great to make several parts of the brain start working at the same time by learning new skills or enjoying new experiences.

Do puzzles and play games

Playing math or word games can help push your brain to work harder. The same goes for doing a picture puzzle.

Use your weaker hand

If you use your right hand to do most things, try using your left hand to write your name, brush your teeth, or do any other simple task.

Close your eyes

Closing your eyes while doing a daily task, such as taking a shower, makes your brain use the natural powers of hearing, feeling, taste and smell. This can form new connections inside your brain.

Go out with others

Getting together with friends for a hike or joining a club can help keep your brain young.

As the above, you can keep your brain working well both now and for years to come.

📖 puzzle 測驗智力的遊戲或玩具 connection 連接

29. Where would this article most likely (有可能的) be seen?

- (A) In a medicine magazine. (B) In a storybook.
 (C) In a novel. (D) In a cookbook.

30. What is this reading mainly about?

- (A) Why you should exercise every day.
 (B) How you can keep your brain healthy.
 (C) What you can do to keep your body healthy.
 (D) When you should use your right or left hand.

31. Which is **NOT** true about brain exercises?

- (A) Doing math or puzzles is good for your brain.
 (B) Starting a new hobby helps your brain work harder.
 (C) Going to the movies with friends keeps your brain young.
 (D) Doing things with the hand that you usually use makes you healthier.

(32-35)

An interesting show is being held in City Museum.

The Renaissance: Change and Growth

Dates 2020-01-01~2020-03-25

Location Area 1 (Main building) 204, 206

Open Hours Monday: Closed

Tuesday - Thursday: 9 a.m. - 5 p.m.

Friday - Sunday: 9 a.m. - 9 p.m.

Price NTD\$350 per person

NTD\$150 People aged 65 and above

Students aged 18 and under

Free Children aged 6 and under

The Renaissance, between the 14th and 17th centuries, was a time of growing in art and culture across Europe. The time was full of wonderful artists who developed new skills to make their works more real than ever before. In this show, you're going to see the works from four most important artists during the Renaissance.

- Leonardo da Vinci (1452-1519, age 67)

Leonardo da Vinci is famous for his paintings *The Mona Lisa* and *The Last Supper*. He was an artist, inventor, scientist, engineer, and more. His paintings look more real than others because of the details.

- Michelangelo (1475-1564, age 88)

His famous works are sculpture *David* and the frescos on the walls of the Sistine Chapel in Italy.

- Raphael (1483-1520, age 37)

Raphael's works were widely loved even during his lifetime. One of his most famous works is *The School of Athens*, which is an example of Renaissance art and culture.

- Sandro Botticelli (1445-1510, age 65)

Botticelli wanted to describe beauty and virtue through his works. Venus, who shows these good things, appears in many of his best known works, for example *The Birth of Venus*.

📖 Renaissance 文藝復興 growth 成長 sculpture 雕塑
 virtue 美德 the Sistine Chapel 西斯汀禮拜堂

32. Anna and her husband goes to the exhibition with their two children - May (2 years old) and James (8 years old). How much do they pay for the tickets?
(A) NTD\$700 (B) NTD\$850 (C) NTD\$1,000 (D) NTD\$950

33. Which is true?

- (A) Michelangelo is not only a painter but also a scientist.
(B) The public can visit the museum at night on Thursdays.
(C) The artworks of the Renaissance show the ideas of the future.
(D) Though Raphael died young, his works were enjoyed in his lifetime.

34. What's so special about frescos?

- (A) They are painted on the walls.
(B) They are painted on computers.
(C) They look the same as a picture.
(D) They are simple, quickly-made drawings.

35. Sunny: Look at that woman in the painting. She's so pretty.

Willy: Besides, she looks like the person who does the right thing all the time.

Question: Whose work of art might it be?

- (A) Da Vinci. (B) Raphael.
(C) Botticelli. (D) Michelangelo.

(36-39)

Often the goal is nearer than

It seems to a weak man;

Often the fighter has given up

Before he gets the winner's cup,

And he learns too late, when the night comes down,

How close he is to the golden crown.

Success is on the other side of failure -

There's hope even in bad times,

And you never can tell how close you are -

It may be near when it seems so far;

So keep fighting when you're badly hit -

It's when things seem worst that you mustn't _____.

- adapted from Edgar Albert Guest's poem

📖 goal 目標 crown 皇冠 failure 失敗

36. What does the poem try to say?

- (A) To express how he feels about love.
(B) To encourage people not to give up.
(C) To make readers interested in poetry.
(D) To tell others what helped him succeed.

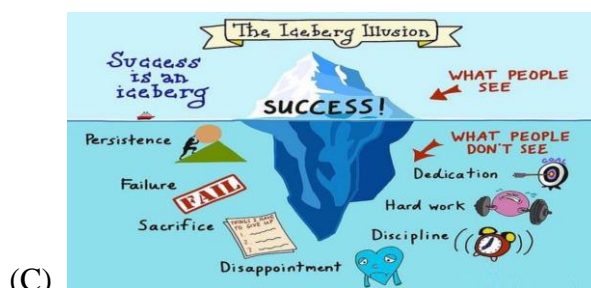
37. Which word should be put into the blank?

- (A) find (B) learn (C) stop (D) repeat

38. What does "gold crown" refer to (指)?

- (A) honesty (B) peace (C) success (D) kindness

39. Which picture shows the meaning of these two lines "And you never can tell how close you are, It may be near when it seems so far"?



(40-43)

Do you know yourself? You'll find out who you really are by taking the following test.

Your favorite dessert can say a lot about your true personality.

Choose the one you like the most.

A. strawberry cake B. brownie C. ice cream D. cupcake

❖strawberry cake

You are warm and loving. You care about other people and can be trusted. You are emotional at times.

❖brownie

You are willing to try difficult things, love new ideas, cheer up losers, and face your fears. You always have a special sense of humor. You don't change in your friendship with or support for a person.

❖ice cream

You like playing sports, for example, baseball, football, basketball, or soccer. You also enjoy watching sports. You like to control everything. Besides, you're only interested in yourself.

❖cupcake

You are a fun person, who likes to laugh. You are fun to be with, so people like to hang out with you. You are a very warm-hearted person and sometimes a little strange.

📖 trust 信任 warm-hearted 熱心的

40. Who might be interested in this test?

- (A) A 15-year-old girl who is worried about her future.
- (B) A teenager who doesn't know his/ her personality.
- (C) A teacher who volunteers to clean up the beach.
- (D) A student who is studying in a foreign country.

41.

A: Where is Jimmy?

B: He's climbing Mt. Everest, the highest mountain in the world.

A: That's not easy. Is this his first time to do so?

B: Yes. You know, he's that kind of person who is not afraid of difficulty and enjoys doing something he hasn't done before.

Which dessert does Jimmy choose?

- (A) cupcake (B) strawberry cake
- (C) ice cream (D) brownie

42. Which of the following is the correct match?

- Fiona is interesting, friendly and kind. She always has a smile on her face.
- Mike enjoys playing baseball and watching ball games on weekends.
- Sam often tell jokes to his friends, but few can understand.
- Pat is someone you can believe in when you need help.

- (A) Pat - brownie (B) Sam - ice cream
- (C) Mike - strawberry cake (D) Fiona - cupcake

43. What does "hang out" mean?

- (A) blow up (B) spend time
- (C) grow up (D) pin down

(44-46)

Extreme heat events happen more often all over the world, and it can have several surprising effects.

It is possible that airplanes won't be able to leave the ground well. It is because airplane wings are not designed to work in the hot air. So, extreme heat would make flying dangerous.

Extreme heat will also make the oceans cloudier. That's because in some parts of the world, extreme heat brings more rain. This creates larger, faster-moving rivers, which carry more dirt and sand with them into the oceans. As the oceans get darker, it gets harder for animals that use their sight for hunting to find enough food.

While some animals cannot see clearly in the dirty waters, nuclear power plants make the problem even worse. The nuclear power plants let the heat out into the river when working. Because of it, rivers become warmer. However, many types of plants and animals can only live in waters at some temperature. In

order to help with the problem, the nuclear power plants should cut down electricity that they make. Besides, studies have shown that higher temperatures make workers less active. Humans are quicker to get angry on hotter days.

📖 extreme heat 極端高溫 effect 影響 temperature 溫度
nuclear power plant 核電廠

44. Which of the following is **NOT** an effect of extreme heat mentioned in the article?

- (A) Nuclear power plants will create more power.
- (B) Being very hot makes people get angry easily.
- (C) Some animals are hungry because they can't see their food.
- (D) It's hard for many plants and animals to live in warm waters.

45. What can be inferred (推論) from the reading?

- (A) Airplanes can fly easily in the hot air.
- (B) Hot weather makes the oceans cleaner.
- (C) Dirty water creates a comfortable home for animals.
- (D) People's emotions can be controlled by the temperature.

46. What is the best title for this passage?

- (A) The Good and Bad Sides of Nuclear Power.
- (B) Things that Make Extreme Heat Happen.
- (C) The Surprising Effects of Extreme Heat.
- (D) What We Can Do to Stop Extreme Heat.