

## 英语试卷笔试部分

2023. 1

本试卷共 12 页，共 100 分。考试时长 90 分钟。考生务必将答案答在答题卡上，在试卷上作答无效。考试结束后，将答题卡交回。

## 第一部分 知识运用（共两节，30 分）

## 第一节（共 10 小题；每小题 1.5 分，共 15 分）

阅读下面短文，掌握其大意，从每题所给的 A、B、C、D 四个选项中，选出最佳选项，并在答题卡上将该项涂黑。

Recently my wife and I were flying across the country. We were about to board our 1 when a woman sitting next to us had a medical episode.

I came back from the restroom and sat down next to my wife, who leaned in to me and whispered “Something’s 2.” A woman was collapsing and quickly lost control of her body. I 3 and bent in front of her, asking if she was okay.

She 4 herself as Miss Jackie. I told her that I was not a 5, but I was there for her to help in any way she needed.

In one hand I held hers and with my other hand I supported her head, carefully asking what was happening. She 6 that she had a condition. When her body is exposed to a lot of stress, her body goes into a nervous breakdown.

She explained that she had suffered from this 7 condition for thirty years and would be “perfectly fine in just a while”. Just like Jackie said, she was completely fine within about twenty minutes. As I was still concerned about her, Jackie agreed to board with my 8. I stayed behind to ensure she boarded the plane safe and sound.

9, what Jackie needed was someone to listen to her. Don’t be afraid to listen to strangers and help them out. Everyone has their own battles and 10, and sometimes they just need someone to care.

- |                     |               |            |               |
|---------------------|---------------|------------|---------------|
| 1. A. ship          | B. train      | C. bus     | D. flight     |
| 2. A. extraordinary | B. different  | C. wrong   | D. unfamiliar |
| 3. A. jumped up     | B. pulled up  | C. made up | D. woke up    |
| 4. A. explained     | B. introduced | C. claimed | D. described  |

5. A. judge                      B. policeman                      C. journalist                      D. doctor  
6. A. revealed                      B. insisted                      C. denied                      D. expected  
7. A. normal                      B. casual                      C. terrible                      D. necessary  
8. A. control                      B. accompany                      C. agreement                      D. appointment  
9. A. Strangely                      B. Certainly                      C. Naturally                      D. Actually  
10. A. conflicts                      B. struggles                      C. competitions                      D. campaigns

第二节 (共 10 小题; 每小题 1.5 分, 共 15 分)

阅读下列短文, 根据短文内容填空。在未给提示词的空白处仅填写 1 个恰当的单词, 在给出提示词的空白处用括号内所给词的正确形式填空。请在答题卡指定区域作答。

**A**

Smart homes are marketed as the future: making life easier, 11 (good), faster and cheaper. They promise to provide convenience for 12 (use) and give them control over events in their homes— 13 at home or not— as well as providing comfort and energy efficiency, for example sensing temperature and automating air conditioning or heating.

**B**

When Marilyn tried to sort her mother's things, she could find nothing she wanted 14 (keep). She leafed through photo albums (相册) for a picture of herself with her mother and couldn't find one. Only Marilyn in kindergarten pigtails; Marilyn in third grade with a 15 (miss) front tooth; Marilyn at a school party with a paper crown (王冠) 16 her head. There were three photo albums of Marilyn. Not a single shot of her mother.

**C**

Rain bombs 17 (create) when hot air mixes with cold air, causing streams of air to drop. However, as the cold air falls, it picks up moisture (水分) from the hot air, 18 produces heavy rainfalls. Researchers have found that climate change 19 (play) a big role in the creation of rain bombs. As rainfalls increase, energy is released, causing more water to evaporate (蒸发) from the oceans. Because of this cycle, many claim that rain bombs 20 (increase) by 80% by the end of the century.

## 第二部分 阅读理解 (共两节, 38 分)

### 第一节 (共 14 小题; 每小题 2 分, 共 28 分)

阅读下列短文, 从每题所给的 A、B、C、D 四个选项中, 选出最佳选项, 并在答题卡上将该项涂黑。

#### A

Read any interesting books lately? We want to hear about them, so we're hosting a Review Blitz! We want reasonable reviews in one month! These reviews must be your honest opinions. Don't rush through writing them, because we'll be paying attention to quality!

**Deadline:** Feb. 1, 2023

#### Rules:

- You must be a teen (aged 13-19) with a *Teen Creativity* account to enter.
- Submissions must relate to the topic.
- Each review must have a minimum of 250 words.
- There is no limit to the number of pieces you can submit.

#### Guidelines:

- Give a brief summary of the book. Don't explain the entire plot or tell your reader how the book ends.
- Tell the reader what you like or dislike about the book, such as theme, characters, writing style, etc.
- Recommend the book to certain readers. Is the book more suitable to older teens? Would science fiction fans be interested in this book? It's helpful for readers to think about the book in the context of other books they've read.
- Remember that it's okay to have a strong opinion! Avoid starting sentences with "I think", "I believe" or "In my opinion".

#### Prizes:

- All participants will receive a certificate.
- First prize winners will each have one review published in *Teen Creativity* magazine and get a free 6-month magazine subscription.
- Second prize winners will each get a free 3-month magazine subscription and receive a \$25 gift card.

● You'll receive these prizes before Sep. 28, 2023.

Submit your works to [teencreativity.com](http://teencreativity.com). We hope reviewing books brings you joy. Don't think of writing a review as an assignment; imagine you are writing to a best friend who loves reading as much as you do!

21. The participants of Review Blitz \_\_\_\_\_.  
A. need to be at least 12 years old  
B. can submit more than one review  
C. should upload works before Sep. 28  
D. must express opinions within 250 words
22. What will all winners get besides certificates?  
A. Gift cards.  
B. Cash awards.  
C. Free magazines.  
D. Published reviews.
23. Which sentence should be avoided in the review?  
A. The main character Bill survives at last.  
B. The author's use of imagery is masterful.  
C. The talk between the cousins is unbelievable.  
D. Fans of the Harry Potter series will love this book.

## B

My name is Leo. I never thought of myself as a special person, but I always dreamed to be a superhero like Batman and Superman.

One morning, I awoke, slipped out of bed and looked out of the window. There was a world covered in a sea of white snow. I hurried to get dressed and set out to take a walk in the snow with my drone (无人机).

When I wandered in the park near my home, I saw the frozen river lying there peacefully. Then, a young girl came into my sight. She ran happily, followed by her mom from a distance. Suddenly, she was so excited that she accidentally rushed to the ice on the river. There was a creak (嘎吱声) and the girl, sensing something wrong, said "Mommy!" just before the ice gave way. With a splash (落水声), the young girl crashed through the ice. At that moment two things

happened to me. Firstly, I stood more alertly (警觉地) than I had ever been before in my life. Secondly, I was on the move.

I didn't know what overcame me but I needed to help. The precious drone in my hand crashed to the ground and was crushed by me as I ran. I threw off my jacket and scarf while running, knowing they would weigh me down. As the woman yelled "Help!" at passers-by, I was already moving across the ice to get the girl. I tried to pull her up but the ice further broke and I fell in too. As the water began to make me very cold to the bone, I thought only of the young girl. I grasped her under the arms and pushed her up onto the ice near the edge. I was of almost no help so the mother reached out and pulled her daughter into her arms.

"Take her. So c-c-c cold." I said as I pushed the girl upwards.

The woman turned back to help me using the scarf but I was nowhere to be seen. Blackness enveloped me.

With a start I awoke! There were firemen all around me and I was lying in the snow with a mask on my face. Cheers broke out around me. My life really changed. It was a spirit and it did come to me because I was a true hero.

24. What happened when Leo was in the park?

- A. His drone landed in the river.
- B. His jacket and scarf were lost.
- C. A young girl fell into the ice cave.
- D. A woman crashed through the ice.

25. What was Leo thinking when he was in the water?

- A. He could be a real hero this time.
- B. He regretted throwing off his stuff.
- C. He wondered who else could help.
- D. He needed to save the person quickly.

26. According to the passage, how did Leo feel in the end?

- A. Worried.
- B. Proud.
- C. Confused.
- D. Shocked.

27. Which of the following can best describe Leo?

- A. Brave and selfless.
- B. Intelligent and ambitious.
- C. Cautious and smart.
- D. Generous and optimistic.

Most environmental pollution comes from humans and their inventions. The electric bulbs are thought to be one of the greatest human inventions of all time. However, too much of a good thing has started to negatively impact the environment. Light pollution, the extreme or inappropriate use of outdoor artificial light, is affecting human health and wildlife behavior. There is a global movement to reduce light pollution, and everyone can help.

Light pollution is a global issue. This became particularly obvious when the World Atlas (地图册) of Night Sky Brightness, a computer-generated map based on thousands of satellite photos, was published in 2016. Vast areas of North America, Europe, the Middle East, and Asia are glowing with light, while only Siberia, the Sahara, and the Amazon are in total darkness.

Artificial light can wreak havoc on natural body rhythms in both humans and animals. It interrupts sleep and confuses the circadian rhythm (生理节奏) —the internal, twenty-four-hour clock that guides day and night activities and affects physiological processes in nearly all living organisms. One of these processes is the production of the hormone melatonin (褪黑素), which is released when it is dark and is prevented when there is light. An increased amount of light at night lowers melatonin production, which results in lack of sleep, headaches, stress, anxiety, and other health problems. Blue light, in particular, has been shown to reduce levels of melatonin in humans. It is found in cell phones and other computer devices, as well as in light-emitting diodes (LEDs), the kinds of bulbs that have become popular at home and in industrial and city lighting due to their low cost and energy efficiency.

Studies show that light pollution is also impacting animal behaviors, such as migration (迁徙) patterns and habitat formation. Because of light pollution, sea turtles guided by moonlight during migration get confused, lose their way, and often die. Large numbers of insects, a primary food source for birds and other animals, are drawn to artificial light and are instantly killed upon contact with light sources. Even animals living under the deep sea may be affected by underwater artificial lighting. One study looked at how animals in sea responded to brightly lit panels put under water off the coast of Wales. Fewer filter feeding



animals (滤食性动物), such as the sea squirt (海鞘), made their homes near the lighted panels. This could mean that the artificial light is altering ocean ecosystems.

The good news is that light pollution, unlike many other forms of pollution, is reversible (可逆的) and each one of us can make a difference! Now, many people are taking action to reduce light pollution and bring back the natural night sky. Individuals are urged to use outdoor lighting only when and where it is needed, to make sure outdoor lights are properly shielded (遮挡) and direct light down instead of up into the sky, and to close window blinds, shades, and curtains at night to keep light inside.

28. What does the underlined phrase “wreak havoc on” in Para. 3 probably mean?

- A. Greatly improve.
- B. Well maintain.
- C. Strictly manage.
- D. Seriously damage.

29. According to the passage, which would the author agree with?

- A. Light pollution was first studied as a global issue in 2016.
- B. Deep-sea environment can help animals avoid light pollution.
- C. Artificial light affects the sense of direction and habits of animals.
- D. LEDs can be used more because of low cost and energy efficiency.

30. What is the author's attitude towards the control of light pollution?

- A. Unconcerned.
- B. Negative.
- C. Neutral.
- D. Positive.

31. What is the main purpose of the passage?

- A. To call on people to reduce light pollution.
- B. To discuss for and againsts of artificial light.
- C. To give suggestions to protect environment.
- D. To show development prospect of artificial light.

## D

There are hundreds of bacterial (细菌的) species in our stomach. Bacterial diversity is a good thing, a general contributor to and marker of good health. But what does a healthy stomach look like? Studies indicate that the composition varies by many factors.

One of the most important, it turns out, is who you currently live with. Researchers have come to the conclusion: Diet and heritability (遗传力) are known to affect the microbiome (微生物组), but social relationships shape it most—especially when it comes to marriage. The Dutch Project, which studied microbes in 8,208 individuals belonging to three generations, finds that the heritability of microbes is only 1.9 percent. They noticed much greater similarity among the unrelated individuals sharing a household than among relatives who do not share households, including twins whose living situations differ in adulthood.

The researchers found that nearly 50 percent of microbial types were significantly affected by cohabitation. In general, the microbiomes of all types of cohabitants (including parents and children) were more similar than those of participants living separately no matter their relatedness. Married couples who report having a close, loving relationship have the most similarity. Evidence of microbial sharing, especially of rare species, shows exchanges through interactions. And that puts highlight on acts of close relationship—including kissing. Scientists have known for decades that social relationships, especially marriage, powerfully affect health. Not only are the microbiomes of cohabiting couples more similar to each other; they also are more similarly diverse. There is a greater richness of species than in unmarried, noncohabiting individuals.

Despite the dominating influence of a close, cohabiting relationship, the microbiome can be different in diet, especially one rich in plant fiber. It can also be influenced by behavior, such as farming and gardening and exercise. Moreover, it's adaptable to environment—green space and pollutants around you. Living in a rural environment brings increases in bacteria linked to health, and decreases in bacteria that are harmful. Living with pets also has a positive effect on the microbiome, while exposure to air pollution, especially car exhaust, and passive exposure to cigarette smoke have negative effects.

It can also be affected by direct addition of specific species of bacteria, delivered in consumable probiotics (口服益生菌). There are probiotics now marketed for digestive health, others aimed at immune health, and still others for boosting mood. Now that it's clear that social relations play the largest role in the makeup of the microbiome, can probiotics for singles be far behind?



32. Which group has the most similar microbiomes?
- A. Husband and wife. B. Adult twins.  
B. Grandfather and grandson. D. Colleagues.
33. What can we learn from this passage?
- A. Diet has a dominating influence on microbiomes.  
B. Cohabitation is helpful for us to have a balanced diet.  
C. Social relations play a similar role as some probiotics.  
D. The microbiomes in couples are less diverse than singles.
34. Which would be the best title for the passage?
- A. Who Are the Healthiest People?  
B. How Does Social Life Affect Our Health?  
C. What Will a Healthy Stomach Look Like?  
D. How Do Microbiomes Work in Our Body?

第二节 (共5小题; 每小题2分, 共10分)

根据短文内容, 从短文后的七个选项中选出能填入空白处的最佳选项, 并在答题卡上将该项涂黑, 选项中有两项为多余选项。

**A Nervous Journey**

Let's take a journey. It is going to be a fast one, so be prepared. Where are we going? We are going to start at your head and end up at your toes. 35 It may be the shortest and fastest trip of your life. Are you ready? Let's begin. Wiggle your big toe. Okay, we're done. You might be saying, "That's it?" We said it was going to be a fast ride!

You just sent a message with an electrical signal from your brain to the muscles in your toe. Bingo! It moves. 36 The electrical signals in your body can move as fast as 150 meters per second. In the amount of time it takes you to say "Mississippi" three times, a nerve could send an electrical signal the length of a football field and back. Now that you know how fast a nerve impulse (神经冲动) can travel, let's take a look at the system that is the highway for these electrical signals.

The human body is made of trillions of tiny cells. Each cell is so small that you need a microscope to see them. Your skin, your hair, your eye—all are made up of cells. 37 Muscle cells move your body. Skin cells protect your

body. One special type of cell, neurons (神经元), allow your brain to send messages to every part of your body.

The center of the nervous system is the brain. The brain takes in what your eyes see and what your ears hear. 38 You can think of your nervous system as a relay team passing a baton from one runner to the next. But instead of runners, you have cells, and instead of a baton, you have information. 39 It hands its information to the next cell, which passes the information to another cell. In the end, the information reaches its destination and causes a change—maybe a muscle contracts. The “information” baton passed from neuron to neuron is usually a small electrical event called an action potential.

- A. Just how fast was the signal moving?
- B. A neuron in your brain starts the relay.
- C. Different types of cells do different jobs.
- D. You might have heard them called brain cells.
- E. Did you ever wish you could go inside someone's brain?
- F. It may not seem like a long trip, but it is going to be fast.
- G. If you decide that you want to move around, your brain tells your muscles to do it.

### 第三部分 书面表达 (共两节, 32 分)

第一节 (共 4 小题; 第 40、41 题各 2 分, 第 42 题 3 分, 第 43 题 5 分, 共 12 分)

阅读下面短文, 根据题目要求用英文回答问题。请在答题卡指定区域作答。

About five years ago, I was part of a pilot group tasked with helping the disabled be successful inside the organization. My boss decided to be the sponsor for the pilot and he was very kind. Until then we had only hired people with visually challenged disability.

I led the interview process and hired a candidate with autism (自闭症). The candidate had the qualifications but our interview panel felt the disability would prevent him from learning the skills and being competent for a job. I convinced my peers (同伴) to give him a role, and try out. He finally was hired as a

temporary contractor.

I gave the candidate a lot of encouragement and became one of his mentors (导师). He slowly and surely blossomed in the workplace. There were many difficulties and barriers along the way. But he tried his best to overcome all the challenges his disability brought him with my help, which deeply moved his colleagues and leadership. Gradually, he came to be accepted by them. He too won many friends and admiration at the workplace.

Fast forward five years, he called me last night to let me know that he got a formal offer yesterday from his manager as a regular employee with a job title. I congratulated him and told him my joy. He went on to say “Sir, without your support all these years, I would not be here.” I told him “Your success is the reward of your hard work and persistence. You are an inspiration to a lot of people with similar disabilities.”

Isn't it wonderful that a person with disability is becoming very successful in a workplace and makes his family so proud?

40. What was the task of the pilot group?

41. Why didn't the interviewers want to hire the candidate?

42. Please decide which part is false in the following statement, then underline it and explain why.

► *The candidate gradually came to be accepted by his colleagues and leadership because he managed to make friends with them.*

43. Among the qualities of “I”, which one(s) do you think will be important for us? Why? (*In about 40 words*)

## 第二节 (20 分)

假设你是红星中学高三学生李华。你参加了学校举办的线上英文演讲比赛。在准备的过程中，你的英国朋友 Jim 给了你很多帮助。请你用英文给他写一封邮件表达感谢，内容包括：

1. 介绍比赛结果；
2. 回顾 Jim 对你的帮助。

注意：1. 词数不少于 100；

2. 开头和结尾已给出，不计入总词数。

Dear Jim,

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Yours,

Li Hua



## 关于我们

北京高考在线创办于 2014 年，隶属于北京太星网络科技有限公司，是北京地区极具影响力的中学升学服务平台。主营业务涵盖：北京新高考、高中生涯规划、志愿填报、强基计划、综合评价招生和学科竞赛等。

北京高考在线旗下拥有网站门户、微信公众平台等全媒体矩阵生态平台。平台活跃用户 40W+，网站年度流量数千万量级。用户群体立足于北京，辐射全国 31 省市。

北京高考在线平台一直秉承 “精益求精、专业严谨” 的建设理念，不断探索 “K12 教育+互联网+大数据” 的运营模式，尝试基于大数据理论为广大中学和家长提供新鲜的高考资讯、专业的高考政策解读、科学的升学规划等，为广大高校、中学和教科研单位提供 “衔接和桥梁纽带” 作用。

平台自创办以来，为众多重点大学发现和推荐优秀生源，和北京近百所中学达成合作关系，累计举办线上线下升学公益讲座数百场，帮助数十万考生顺利通过考入理想大学，在家长、考生、中学和社会各界具有广泛的口碑影响力

未来，北京高考在线平台将立足于北京新高考改革，基于对北京高考政策研究及北京高校资源优势，更好的服务全国高中家长和学生。



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北京高考资讯