

绝密★启用前

## 24 届高三年级 TOP 二十名校调研考试四

### 英 语

全卷满分 150 分,考试时间 120 分钟

#### 注意事项:

1. 答卷前,考生务必将自己的姓名、准考证号填写在答题卡上,并将条形码粘贴在答题卡上的指定位置。
2. 回答选择题时,选出每小题答案后,用铅笔把答题卡上对应题目的答案标号涂黑。如需改动,用橡皮擦干净后,再选涂其他答案标号。回答非选择题时,将答案写在答题卡上。写在本试卷上无效。
3. 考试结束后,将本试卷和答题卡一并收回。

#### 第一部分 听力(共两节,满分 30 分)

##### 第一节 (共 5 小题;每小题 1.5 分,满分 7.5 分)

听下面 5 段对话。每段对话后有一个小题,从题中所给的 A、B、C 三个选项选出最佳选项。听完每段对话后,你都有 10 秒钟的时间来回答有关小题和阅读下一小题。每段对话仅读一遍。

1. What is the most probable relationship between the speakers?  
A. Editor and reader.      B. Advisor and student.      C. Boss and secretary.
2. Where are the speakers?  
A. In a park.      B. In a gym.      C. In the school playground.
3. How does the man like his steak?  
A. Medium rare.      B. Medium.      C. Medium well.
4. What does the woman say about the blanket?  
A. It's expensive.      B. It's low-key.      C. It's lovely.
5. What will the woman do next?  
A. Lead the way.      B. Go with the man.      C. Look for another bank.

##### 第二节 (共 15 小题;每小题 1.5 分,满分 22.5 分)

听下面 5 段对话或独白。每段对话或独白后有几个小题,从题中所给的 A、B、C 三个选项选出最佳选项。听每段对话或独白前,你将有时间阅读各个小题,每小题 5 秒钟;听完后,各小题将给出 5 秒钟的作答时间。每段对话或独白读两遍。

听第 6 段材料,回答第 6、7 题。

6. Where is the man working now?  
A. In America.      B. In Egypt.      C. In Britain.
7. What was the man's biggest challenge at first?  
A. The local food.      B. The language barrier.      C. The educational system.

听第 7 段材料,回答第 8、9 题。

8. Why were some cars flashing lights toward the man's car?  
A. To warn the man to turn off lights.  
B. To inform the man of an accident ahead.  
C. To remind the man to drive within the speed limit.

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9. How does the man feel about those drivers' behavior?  
A. Ashamed. B. Grateful. C. Embarrassed.

听第 8 段材料, 回答第 10 至 12 题。

10. What is Simon doing?  
A. Exploring the coastline. B. Taking scenic pictures. C. Sharing his recent trip.
11. Where did Simon go shortly after landing at Auckland Airport?  
A. Kyushu. B. Bay of Islands. C. Rotorua.
12. What might interest Kate most in New Zealand?  
A. Beaches with clear water. B. Maori culture and history. C. A hot spring.

听第 9 段材料, 回答第 13 至 16 题。

13. What might the woman be?  
A. A program hostess. B. A professional coach. C. A film director.
14. How does the man sound when answering the woman's first question?  
A. Disappointed. B. Stressed. C. Excited.
15. How did the man deal with the pressure at the Olympics?  
A. He hit something heavy.  
B. He concentrated on the game.  
C. He relied on audiences' encouragement.

16. What experience in the man's childhood contributed to his success in sports?  
A. Watching TV series. B. Performing as an actor. C. Traveling around the world.

听第 10 段材料, 回答第 17 至 20 题。

17. Who is the speaker most probably talking to?  
A. Fitness enthusiasts. B. Advertisers. C. Dieters.
18. Why does the speaker take Trevor Hofbauer for example?  
A. To clarify that fitness trackers are popular.  
B. To state that wearing fitness trackers helps.  
C. To prove that running watch-free is beneficial.
19. What does the speaker suggest at the end of his talk?  
A. Stopping wearing a fitness watch.  
B. Reducing reliance on a fitness watch.  
C. Analyzing more data from a fitness watch.
20. What does the speaker mainly talk about?  
A. The popularity of fitness trackers.  
B. The development of fitness trackers.  
C. The disadvantages of fitness trackers.

第二部分 阅读(共两节, 满分 50 分)

第一节 (共 15 小题; 每小题 2.5 分, 满分 37.5 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。

**A**

You might find a few good recommendations helpful when it comes to adding to your reading list.

**South to America**

by Imani Perry

\$26.67

In this story, a native Alabaman returns home and looks at her state with fresh eyes, and learns about the stories and experiences of others she meets along the way. By weaving these stories together, Perry has crafted a book that takes you not only below the Mason-Dixon line







The cart stores sunshine in a battery for cloudy days. Five hours of sunshine provide enough energy for six hours of ironing. The bike also has a cellphone charging port so the vendor can earn extra income by charging for a charge. The Iron-Max is free from the matter and greenhouse gases released by the traditional coal carts.

The invention had entered several international competitions. Umashankar was one of 15 finalists at the first-ever Earthshot Prize. Although she did not win the prize, she was the youngest finalist in the “Clean Our Air” category. She also won last year’s Children’s Climate Prize.

With her invention, Umashankar made a powerful five-minute speech at COP26, the UN’s climate summit, which has been making headlines. Umashankar said in her speech, “You are deciding whether or not we will have a chance to live in a habitable world. You are deciding whether or not we are worth fighting for, worth supporting, and worth caring for.”

24. Why did Umashankar design a solar-powered ironing cart?
- A. To free vendors from carrying heavy boxes.  
B. To promote the sales of clean-energy bicycles.  
C. To attract more vendors to her town to iron clothes.  
D. To reduce the environmental effect of burning charcoal.
25. What is paragraph 2 mainly about?
- A. What vendors in India need most.  
B. What makes the Iron-Max popular.  
C. How Umashankar made her invention.  
D. How Umashankar finished her college.
26. What can be inferred about the Iron-Max?
- A. It fails to work on cloudy days.  
B. It is not attached to a bicycle.  
C. It has gained some recognition.  
D. It can still lead to air pollution.
27. Which of the following can best describe Umashankar?
- A. A modest speaker.  
B. A hard-working vendor.  
C. A talented engineer.  
D. A practical environmentalist.

C

New discoveries and technological breakthroughs are made every year. Yet, as the information industry moves forward, many people in society are looking back to their roots in terms of the way they eat. A “locavore” movement has emerged in the United States. The movement supports eating foods grown locally and sustainably, rather than prepackaged foods shipped from other parts of the world.

Experts hold that eating local has many merits, and is expected to become a trend featuring sustainability. Erin Barnett is the director of Local Harvest, a company that aims to help connect people to farms in their area. By eating local, she argues, people have a better and more personal understanding of the impact their food consumption has on the rest of the world. “There is a way of connecting the point, where eating locally is an act that raises our awareness of sustainable living,” Barnett says.

The United States’ agricultural output is one of the highest in the world, says Timothy Beach, a professor of geography and geoscience at the University of Texas in Austin, Texas. “There’s just no other place on Earth where the amount of input is so productive,” Beach says of American agriculture. “Nobody can cut off the food we need.”

However, the US food system is not sustainable because of its dependency on fossil(化石) fuels, says Beach. Equipment used on “extremely productive” farms is quickly consuming Earth’s natural resources, particularly oil. Additionally, the production of agricultural supplements(补充剂), such as fertilizer, uses large amounts of energy.

The world has used close to half of the global oil supply, Beach says, and the second half will be consumed at an even faster rate because of growing population and economic development. Although many businesses are experimenting with wind, solar, and biofuel,





Beach says there's nothing that we see on the horizon that can replace it. "There is no way on Earth we are using fossil fuels sustainably. Then we have to reconsider the impact of eating local," he says.

28. What does the underlined word "merits" in paragraph 2 probably mean?  
A. Aspects.                      B. Advantages.                      C. Challenges.                      D. Explanations.
29. What's the weakness of the agriculture in the United States?  
A. It consumes too many natural resources.                      B. It has a relatively low agricultural output.  
C. Large equipment is not widely employed.                      D. Agricultural supplements aren't available.
30. What's Beach's view on natural resources?  
A. Dependency on oil is and will be a big issue.  
B. People will use less and less oil in the future.  
C. The use of fossil fuels features sustainability.  
D. There are better replacements for fossil fuels.
31. What can be a suitable title for the text?  
A. Scientific Ways to Eat Local                      B. Is Eating Local Sustainable?  
C. Efforts to Promote Local Foods                      D. Are Local Foods Enough?

**D**

An AI has designed anti-microbial(抗菌的) proteins that were then tested in real life and shown to work.

Proteins are made of chains of amino acids(氨基酸). The sequences(序列) of those acids determine the protein's shape and function. Ali Madani at Profluent, a biotechnology start-up in California, and his colleagues used an AI to design millions of new proteins, and then created a small sample of those to test whether they worked.

The AI, called ProGen, works in a similar way to AIs that can generate text. ProGen learned how to generate new proteins by learning the grammar of how amino acids combine to form 280 million existing proteins. Instead of choosing a topic for the AI to write about, the researchers could specify a group of similar proteins for it to focus on. In this case, they chose a group of proteins with anti microbial activity.

The researchers programmed checks into the AI's process, and they also tested a sample of the AI proposed molecules(分子) in real cells. Of the 100 molecules they physically created, 66 participated in chemical reactions similar to those of natural proteins that destroy bacteria. This suggested that these new proteins could also kill bacteria.

The researchers then imaged them with X-rays. Even though their amino acid sequences were up to 30 percent different from any existing proteins, their shapes almost matched naturally occurring proteins. James Fraser at the University of California, San Francisco, who was part of the team, says it was not clear from the start that the AI could work out how to change the amino acid sequence so much and still produce the correct shape.

"A similar process could be used to create new test molecules for drug development, though they will still have to be tested in labs, which is time-consuming," says Madani.

32. How does ProGen produce anti-microbial proteins?  
A. By following the way amino acids form proteins.  
B. By combining several kinds of existing proteins.  
C. By changing some materials from new medicines.  
D. By mixing several current proteins with amino acids.
33. How did the researchers know AI-proposed proteins could kill bacteria?  
A. They ensured they were produced in real cells.  
B. They only analyzed their amino acid sequences.  
C. They found they looked the same as natural ones.  
D. They tested AI-proposed molecules in real cells.



34. What is James Fraser's feeling concerning the AI's final performance?  
A. Disappointment. B. Surprise. C. Indifference. D. Guilt.
35. What do Madani's words suggest?  
A. The AI's process may benefit the medical field.  
B. AI-proposed molecules don't require any lab tests.  
C. Hope for the use of the new molecules is very slim.  
D. The researchers' efforts turn out to be a waste of time.

第二节 (共5小题;每小题2.5分,满分12.5分)

阅读下面短文,从短文后的选项中选出可以填入空白处的最佳选项。选项中有两项为多余选项。

This summer, climate change continues to push Earth's weather to extremes. 36 The short answer is yes, if you take precautions. We invite some experts to discuss the science behind exercising in the heat and offer some tips on how to exercise outdoors safely in the heat. Here are some of them.

1. 37

Doesn't our body need fuel to move? Yes, that's true. A light meal is a great idea—just put an hour between eating and your workout in the heat. It takes blood and energy to digest the food, which makes more body heat—not what you want when you're already hot. If you have had a heavy meal like a cheeseburger, you should wait two to three hours before your hot outdoor exercise, since that fat- and protein-rich meal will take even longer to move through the digestive process.

2. Protect your skin—it's the body's cooling system.

Your skin and the underlying tissues are incredibly designed to move warm blood away from your core to keep your vital organs cool. Damage to them prevents your body from air conditioning itself. To protect your skin, start with sunscreen. 38

3. Wear material that will help your body breathe.

39 Wear sweat-wicking(吸汗的) athletic clothing that allows your skin to cool. Avoid materials like cotton that basically keep the heat close to your body.

4. Drink water before, during and after exercise.

Dehydration(脱水) can really secretly attack you. 40 Make sure you drink water at least an hour before you head out to exercise. Besides, keep drinking while you're working out. More importantly, replenish(补充) what's lost during your workout after you finish your workout.

- A. Don't eat right before you head out.  
B. The best defense against dehydration is a good offense.  
C. Avoid eating and drinking shortly after your summer workout.  
D. The type of protective clothing you wear can help your body breathe.  
E. Should you finish your workout indoors during extreme temperatures?  
F. And consider wearing loose, lightweight clothing that blocks the sun.  
G. Is an outdoor run or bike ride in hot summer weather OK for your body?

第三部分 语言运用(共两节,满分30分)

第一节 (共15小题;每小题1分,满分15分)

阅读下面短文,从每题所给的A、B、C、D四个选项中选出可以填入空白处的最佳选项。

A hero isn't just a superman that flies around saving people. A hero can be a volunteer worker, a teacher, or even a 41 member. My hero just so happens to be my dad, which may sound like something 42 to you. You would also say your mom or dad is your hero because they raised you, or you're always able to 43 them. My 44 are like that as well. 45, I still consider my dad a hero above everybody else and he 46 deserves it.



My dad has always been caring and loving. When I was young, he was the one that stayed at home with me, taking 47 of me and loving me wholeheartedly. He also helped me with my 48 so I could do well in my schoolwork. I couldn't ask for a 49 dad. I love how my dad 50 my mom as well. He is a fantastic 51, so my mom is willing to share her sorrows and joys with him. Besides, my dad is always 52 to offer a helping hand, sharing housework and solving her problems at work. He has also shown others his good 53 by serving our country and helping the community.

My dad isn't a great person who changes the world, but he has 54 my little world. He is a great 55 for me and I'd like to be an ordinary hero like him.

- |                     |                 |                |               |
|---------------------|-----------------|----------------|---------------|
| 41. A. sports       | B. club         | C. rescue      | D. family     |
| 42. A. wrong        | B. usual        | C. strange     | D. serious    |
| 43. A. turn to      | B. aim at       | C. seek for    | D. look into  |
| 44. A. colleagues   | B. heroes       | C. competitors | D. parents    |
| 45. A. So           | B. Instead      | C. Yet         | D. Besides    |
| 46. A. occasionally | B. definitely   | C. gradually   | D. suddenly   |
| 47. A. possession   | B. control      | C. advantage   | D. care       |
| 48. A. assignments  | B. interactions | C. experiences | D. inventions |
| 49. A. faster       | B. better       | C. stricter    | D. happier    |
| 50. A. changes      | B. raises       | C. treats      | D. praises    |
| 51. A. teacher      | B. performer    | C. listener    | D. employer   |
| 52. A. ready        | B. hesitant     | C. sorry       | D. regretful  |
| 53. A. adaptability | B. personality  | C. innovation  | D. appearance |
| 54. A. replaced     | B. ruined       | C. shaped      | D. closed     |
| 55. A. example      | B. traveler     | C. funder      | D. servant    |

第二节 (共 10 小题;每小题 1.5 分,满分 15 分)

阅读下面短文,在空白处填入 1 个适当的单词或括号内单词的正确形式。

Wu Qin Xi, or The Five Animal Qigong, can be regarded as the 56 (early) form of Medical Qigong in Chinese history, dating back to Eastern Han Dynasty (25—220). The 57 (create) of Wu Qin Xi was credited to the famous Chinese physician Hua Tuo (110—207) 58 had great skills as a surgeon, acupuncturist (针灸师) and herbalist.

Wu Qin Xi is 59 set of Daoyin (deep stretching) and Tu Na (deep breathing) exercise that imitates (模仿) the actions of animals 60 (base) on the habits of the tiger, deer, bear, monkey and bird. It 61 (practice) by imitating symbolically and physically the movements, breathing and sounds of the five animals. It consists 62 some standard forms of movements, natural movements and sounds, and simple but 63 (effect) techniques. The symbolic movements of the animals can have great effects on the state of mind and behavior. The dignity and great power of the tiger, the elegance of the deer, the earthiness and soft strength of the bear, the graceful and free spirit of the bird and the liveliness of the monkey, all leave their 64 (mark) on the consciousness and assist in 65 (build) confidence and dignity.

第四部分 写作(共两节,满分 40 分)

第一节 (满分 15 分)

假定你是李华。你将负责你校为来自英国的交换生举办的“外国人朗诵唐诗宋词”比赛,请你给他们的领队 Mr. Roberson 写封邮件协商此事。内容包括:

1. 举办比赛的目的;
2. 需要协商的主要内容。

注意:1. 写作词数应为 80 个左右;

2. 请按如下格式在答题卡的相应位置作答。

【高三调研考试四·英语 第 7 页(共 8 页)】

Dear Mr. Roberson,

Dear Mr. Roberson,

Yours sincerely,  
Li Hua

第二节 (满分 25 分)

阅读下面材料,根据其内容和所给段落开头语续写两段,使之构成一篇完整的短文。

It was a special day. Today was my 18th birthday. My dad Kuat was sitting on our old red sofa. Right here 14 years ago, my mother said she was leaving us. I was only 4 years old and didn't realize it would be the last time I saw her. Over 14 years, my dad had been trying hard to raise me. He knows everything about me. He is not just my father—he is almost everything to me. To him, I am everything as well.

Today I had some news for him, "Daddy, I want to ask your permission to go to America." I didn't finish my speech as he shouted, "No!" "But why?" I replied. "If this all is about money, then you may not worry. I've got a scholarship..." He interrupted, "I've told you no. Don't make me repeat it."

I felt warm tears running down my cheeks. I thought there would be no problem because he always knew how much I dreamt about studying abroad. I was so angry and said, "But why do I have to ask your permission? I am already 18 and I'm not a kid anymore."

I was so disappointed that all these years he couldn't see what I was doing. I knew I loved my dad, but I just could not stay at my hometown anymore.

I left home and my eyes were full of anger and tears. I decided to go far away from home and start creating my dream life. I took a bus and went to the airport. I closed my eyes and felt that something was wrong. Everything was so silent when suddenly I heard my phone ringing. It was a nurse from a local hospital, "Hello! Are you the daughter of Kuat? Your dad has had a heart attack. The situation is serious. We want you..." I wasn't listening to her anymore. Tears were flowing and I started to choke when all of a sudden I heard a man's voice and opened my eyes. I realized that it was a nightmare(噩梦).

注意:1. 续写词数应为 150 个左右;

2. 请按如下格式在答题卡的相应位置作答。

I started searching my bag for my phone and wanted to hear my dad's voice.

My dad smiled, "Here you are, my sweetie."



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