

高三英语

(试卷满分: 150 分, 考试时间: 120 分钟)

注意事项:

1. 答题前, 考生须在试题卷、答题卡规定的位置填写自己的准考证号、姓名。考生应认真核对答题卡上粘贴的条形码的“准考证号、姓名”与考生本人准考证号、姓名是否一致。
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, 考生须将试题卷和答题卡一并交回。

第一部分 听力 (共两节, 满分 30 分)

做题时, 先将答案标在试卷上。录音内容结束后, 你将有两分钟的时间将试卷上的答案转涂到答题卡上。

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 三个选项中选出最佳选项, 并标在试卷的相应位置。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。

例: How much is the shirt?

- A. £19.15. B. £9.18. C. £9.15.

答案是 C。

1. What does the man suggest the woman do?

- A. Take a course. B. Attend some shows. C. Learn from an app.

2. When shall the food arrive probably?

- A. At 11:25. B. At 11:30. C. At 11:35.

3. What are the speakers talking about?

- A. A book. B. A university. C. A city.

4. Which activity attracts Mr. Berge more?

- A. Having an interview. B. Visiting the school clubs. C. Touring the campus.

5. What are the speakers doing?

- A. Sightseeing in London.
B. Talking on a video chat.
C. Making a settlement plan.

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, 并标在试卷的相应位置。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. What worries the man?

- A. Choice of dining places.
- B. Limited food materials.
- C. His poor cooking skill.

7. What does the woman ask the man to do?

- A. Clean the kitchen.
- B. Prepare the filling.
- C. Make dumpling wrappers.

听第 7 段材料, 回答第 8 至 10 题。

8. How did the man find the exhibition at first?

- A. Inspiring.
- B. Disappointing.
- C. Interesting.

9. Where does the conversation probably take place?

- A. In an office.
- B. At home.
- C. In a gallery.

10. What may appeal to the man?

- A. Portugal paintings.
- B. Spanish paintings.
- C. Chinese paintings.

听第 8 段材料, 回答第 11 至 13 题。

11. Why is the blackboard shown in the exhibition?

- A. It affected people's lives greatly.
- B. It recorded the history of the town.
- C. It served a wide range of functions.

12. What does the man think his grandfather could lend to the museum?

- A. A wedding photo.
- B. A teapot.
- C. A sports shirt.

13. Where will the results of the vote be shown?

- A. In a window display.
- B. In a local newspaper.
- C. On the museum website.

听第 9 段材料, 回答第 14 至 17 题。

14. What does Minor Mynas mainly do for kids?

- A. It spreads international news.
- B. It connects global language learners.
- C. It offers platforms to introduce public speakers.

15. How does Hillary Yip feel when presenting Minor Mynas?
 A. Confident. B. Nervous. C. Careful.
16. What inspired Hillary Yip to set up Minor Mynas?
 A. Many parents' expectations.
 B. Her language learning experience.
 C. The lack of language lessons.
17. What does Hillary Yip think is the best way to change the world?
 A. Setting up companies. B. Joining in politics. C. Doing education.

听第10段材料，回答第18至20题。

18. What is the advantage of Hermanus for whale watching?
 A. Its location. B. Its traffic condition. C. Its musical atmosphere.
19. What does Whale Crier do?
 A. It tells people where to see whales.
 B. It attracts whales to the closer shore.
 C. It warns people to stay away from shore.
20. What does the talk focus on?
 A. Protection of sea lives.
 B. A festival with rich activities.
 C. Introduction to seaside recreations.

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和D四个选项中选出最佳选项。

A

JOIN TODAY

Enjoy unlimited access to hundreds of English Heritage sites with an annual membership.

FAMILY MEMBERSHIP	JOINT MEMBERSHIP	INDIVIDUAL MEMBERSHIP
FAMILY 1 ADULT Family of one adult and up to 6 children £69 for a year	JOINT ADULT Two adults aged 18 years+ £120 for a year	INDIVIDUAL ADULT One adult aged 26 years+ , £69 for a year
FAMILY 2 ADULTS Family of two adults and up to 12 children £120 for a year	JOINT SENIOR Two adults aged 65 years+ £96 for a year	SENIOR One adult aged 65 years+ £63 for a year

**** Up to 6 kids go free with each adult.**

MEMBERSHIP PACK

Become a Member to receive:

UNLIMITED ACCESS to over 400 historic places

Free MEMBERS' HANDBOOK to plan days out

Reduced price entry to our EVENTS

FREE ENTRY for up to six children

MEMBERS-ONLY MAGAZINE

FREE PARKING at English Heritage sites

MEMBERS' REWARDS offers on great brands

NEED HELP?

SPEAK TO US

Our Membership Team are on hand if you have any questions about a new, or existing membership.

Monday–Sat, 9am–5pm.

TELEPHONE: 0370 333 1181

FAQS

Got a question? See if we have answered it already in our Frequently Asked Questions.

21. How much should two seniors with three kids pay at least to own annual memberships?

A. £69.

B. £96.

C. £108.

D. £120.

22. What is one of the member benefits of English Heritage sites?

A. Free access to its historic sites.

B. Guided outing activities.

C. Zero admission to its events.

D. Discounted car-parking fee.

23. What is the main purpose of the text?

A. To educate.

B. To entertain.

C. To analyze.

D. To inform.

B

3M and Discovery Education announced Sean Jiang from Gilman School as one of the top ten finalists from across the nation for the 2023 3M Young Scientist Challenge. It's a competition that encourages students to identify an everyday problem and submit a video showing the science behind the solution he or she came up with.

14-year-old Jiang decided to help those who can't see. Blind people had a hard time navigating (导航) objects that are medium to far range. So Jiang wanted to design something to give them a heads-up on obstacles (障碍) that may be incoming.

Jiang's inspiration came from the powers of the hearing system. "I learned in school that bats and whales are able to use echolocation (回声定位) to help them navigate and just use their sense of hearing and I also saw on YouTube some very skilled blind people that use echolocation to help them walk," said Jiang.

Jiang started with a virtual reality setting and then made it a reality. His creation uses a depth camera that can detect how close objects are, thus giving enough time to dodge the obstacles. When a blind is walking with the device, the sensor of the depth camera gathers the information regarding the obstacles' position and distance. Then the AI system in it will turn the distance data into musical sound

guidance. This could significantly increase the walking speed of a blind person as well as decrease the number of obstacles they hit.

Some other similar programs were alright at finding objects that were in close range, but Jiang still wanted the blind to experience the world even fuller so they were able to see stuff that was much further away than their circle of reach.

In October, the top ten finalists will compete in person in Minneapolis for the title of “America’s Top Young Scientist” and a \$25,000 prize.

24. What can we learn about Jiang from the first two paragraphs?

- A. He was the champion of the 2023 3M event.
- B. He invented technology to remove road obstacles.
- C. He sought to assist the blind in walking smoothly.
- D. He developed a new navigation app for his school.

25. Why did Jiang mention “echolocation”?

- A. To show the development of technology.
- B. To present the difficulties the blind face.
- C. To stress the significance of hearing.
- D. To explain the inspiration of his invention.

26. What does the underlined word “dodge” mean in paragraph 4?

- A. Avoid.
- B. Encounter.
- C. Challenge.
- D. Remove.

27. What is the text mainly about?

- A. 3M facilities intended for the blind.
- B. A teen using sound to help the blind.
- C. An invention to cure vision problems.
- D. A competition to improve the blind’s life.

C

When delivering medications to patients, one of the most effective methods is direct injection (注射) into the bloodstream using a needle. But this can be an uncomfortable experience, especially for kids or adults with a fear of needles. While patients do have the option to take oral pills instead, drugs containing large molecules (分子) are not absorbed effectively this way.

Now, inspired by octopus suckers (章鱼吸盘), researchers from China and Switzerland have designed a needle-free alternative: a tiny, drug-filled, cup-like patch (贴片) that sticks to the inside of the cheeks. The device is easily accessible, and it can be removed at any time and the drug gets absorbed through the lining of the inner cheek, the team reports in a paper in *Science Translational Medicine*.

To test the design, the team 3D printed the suckers. They loaded each with the drug and stuck them inside the cheeks of three beagles, a kind of dog which has a similar inner cheek lining to humans. For comparison, they also delivered the drug to beagles via a pill. After three hours, the team found that drug blood concentrations in dogs with the patch were more than 150 times higher than in the dogs that took a tablet. They also found patches worked effectively for drugs with large molecules.

40 healthy human volunteers self-applied water-filled patches to see how well they would stay on while talking and moving their mouths. After 30 minutes, only five of the 40 patches had fallen off, which was because of improper placement. Most volunteers said they would prefer a patch over injections for daily applications.

Still, the team only tested the patch for a short time so they would need to find out what would happen if it was used repeatedly. They'd also need to determine which drugs would work with the technology: the target is large molecules, such as those used to treat obesity or osteoporosis, but they can't be too large to fit in the cup.

28. Why do the researchers develop the patch?

- A. To help patients overcome the fear of needles.
- B. To enable kids to swallow tablets smoothly.
- C. To offer a better way of drug delivery.
- D. To guarantee the efficiency of oral pills.

29. What does the research on dogs prove?

- A. It is technologically possible to 3D print the patches.
- B. The cheek lining of dogs is similar to that of humans.
- C. Patches fall easily with their mouth movement.
- D. Drugs are absorbed better through patches than pills.

30. Which of the following can best describe the device?

- A. Innovative and profitable.
- B. Effective and user-friendly.
- C. Affordable and accessible.
- D. Flexible and long-lasting.

31. What does the last paragraph stress?

- A. The related issues to be solved.
- B. The risk of using patches repeatedly.
- C. The way to identify large molecules.
- D. The trouble of improving the technology.

D

You see a shopper trip over in a busy street. Someone else can help. That's what you tell yourself. This is the bystander effect in action – the dilution (淡化) of responsibility in the presence of others – and it has been demonstrated in many past studies.

But life is complicated and psychologists have seen exceptional circumstances. Two experiments

were conducted by Marco van Bommel and his team using an online chat room for people with extreme emotional problems. Eighty-six students were logged into the forum (论坛) and shown five messages from troubled users. They were told to write a reply if they wanted, but it was entirely up to them.

Basically, participants could see their names on the screen alongside others' names. A counter also told them if the forum was quiet, with just one other person logged in, or busy, with 30 others online. This arrangement reproduced the classic Bystander Effect – participants were less likely to post replies with more people logged in. However, when the researchers cued (提示) self-awareness by highlighting participants' names in red on the screen, they posted more replies on a busy forum.

A second study was built on these findings, but this time self-awareness was raised by the presence, or not, of a computer web-camera. Over 100 participants took part. Although told the camera wouldn't be used until later, those with cameras were asked to check the camera's indicator-light during the study. The Bystander Effect was reproduced when web-cameras were absent – on busy forums participants posted fewer replies to needy users. By contrast, those cued to be self-aware by the web-cam actually wrote more replies.

Nearly any online community can benefit from the research. The ability to turn hesitant bystanders into eager helpers is a recipe for engagement and collective benefit. As in the research, simple design cues could be integrated to help online users remember they are visible to the community. For example, the size of profile images and specific on-site reminders can be used to highlight how users see themselves within the community.

32. What does the underlined word "it" in paragraph 1 refer to?
- A. The hidden danger of a busy street.
B. The bystander effect in action.
C. The dilution of responsibility.
D. The presence of other people.
33. In the first study, the participants posted more replies to the troubled when _____.
- A. there were more emotional problems
B. the counter indicated the forum was quiet
C. their presence was reminded on the screen
D. more individuals were logged in the forum
34. Why is the web-camera used in the second study?
- A. To encourage more replies.
B. To reproduce the bystander effect.
C. To further test participants' mindset.
D. To better record participants' actions.
35. What strategy can online communities learn from the research?
- A. Working together to attract more users.
B. Combining designs to boost users' memory.
C. Building more platforms for public promotion.
D. Exploring ways to change bystanders into upstanders.

阅读下面短文，从短文后的选项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。

For the past two months, Mandy Chen, a second-year student at Beijing University of Technology, has been posting photos of herself to Taobao, posing with a reusable cup, climbing stairs and switching off lights. 36 Taobao's AI algorithm (算法) calculates that Chen's use of a reusable cup reduced 15.7 grams of carbon emissions (排放), while her choice to take the stairs instead of the lift resulted in a reduction of 19.5 grams. 37

After seven days of posting her photos, Chen exchanged the points for a dozen of biodegradable rubbish bags from Taobao. Everyone can get an endless supply of free trash bags if they keep going, according to Chen. 38

Chen uses Carbon88, a platform launched last August by Alibaba Group Holding, to help the more than 800 million users on Taobao adopt a sustainable lifestyle. The platform rewards users for over 70 low-carbon behaviours. 39 It also recommends products that it considers environmentally sustainable, and gives users points for buying them.

40 "I didn't know that my actions could produce such carbon reduction," Chen said, "Now I feel good for what I'm doing to make this world a tiny bit better. We as a part of society can call for more systemic changes."

- A. It encourages them to reduce their carbon footprint.
- B. And her efforts to save electricity prevented 65.50 grams.
- C. It's a valuable addition to current carbon-reduction policies.
- D. Carbon88 has helped increase Chen's environmental awareness.
- E. Within minutes, she receives a dozen points from the app as a reward.
- F. They range from taking public transport to shopping of second-hand items.
- G. She is now saving points for something better, like snacks and water bottles.

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, 从各题所给的 A、B、C 和 D 四个选项中选出可以填入空白处的最佳选项。

Harry Burleigh headed into the woods for a camping trip with his fishing equipment. A few days later, his wife Stacy grew 41 when he didn't come home as planned.

Stacy called the 42 to report her husband's missing. Search and rescue teams 43 began their work and went on for days, but there was no 44 of Harry anywhere. Everyone was worried - the temperatures were quite low some nights, and it had even snowed.

On May 15, the rescuers finally caught a break when they 45 a shelter and his fishing

equipment. They 46 support from over 16 rescue organizations, and they explored every possible 47 but with no luck. Therefore, the rescuers 48 him a lighter and a note telling him to make a 49 and they would be back. Two days later, a team found another 50, but this time, Harry was nearby and heard his name called! It turned out he was 51 along the path with minor pain. 52, the crew radioed for a helicopter to take him to the hospital for a complete evaluation after spending 17 long days out.

"This was the 53 we all have been looking for in this case," a rescuer said. "It is our 54 search and rescue teams and the partnerships we have with other teams that helped 55 Mr. Burleigh and his family."

- | | | | |
|--------------------|----------------|----------------|----------------|
| 41. A. excited | B. concerned | C. annoyed | D. puzzled |
| 42. A. authorities | B. hospital | C. agencies | D. family |
| 43. A. hesitantly | B. instantly | C. secretly | D. suddenly |
| 44. A. news | B. hope | C. sign | D. wonder |
| 45. A. spotted | B. offered | C. sought | D. constructed |
| 46. A. turned down | B. depended on | C. called in | D. cut off |
| 47. A. equipment | B. break | C. food | D. path |
| 48. A. bought | B. left | C. presented | D. fetched |
| 49. A. fire | B. bed | C. video | D. face |
| 50. A. river | B. chance | C. team | D. shelter |
| 51. A. hunting | B. exploring | C. walking | D. marching |
| 52. A. Amused | B. Awkward | C. Upset | D. Relieved |
| 53. A. cause | B. outcome | C. award | D. evaluation |
| 54. A. determined | B. tolerant | C. disciplined | D. flexible |
| 55. A. affect | B. instruct | C. encourage | D. reunite |

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。

Xi'an, capital city of Shaanxi, served as the capital of 13 dynasties in Chinese history, which in total 56 (last) about 1,100 years. Consequently, the ancient history of Shaanxi is to some degree the ancient history of China. Shaanxi History Museum considers 57 a duty to be a showcase of Chinese ancient civilization.

People call Shaanxi History Museum "Bright Pearl in Ancient Capital and Precious Treasure of China", for it is an art palace 58 (full) showing Shaanxi history and culture as well as Chinese ancient civilization. Its architectural buildings and exhibits have made it famous as a first-class museum in China 59 it was opened to the public in 1991. It covers 60 total area of 65,000 square meters.

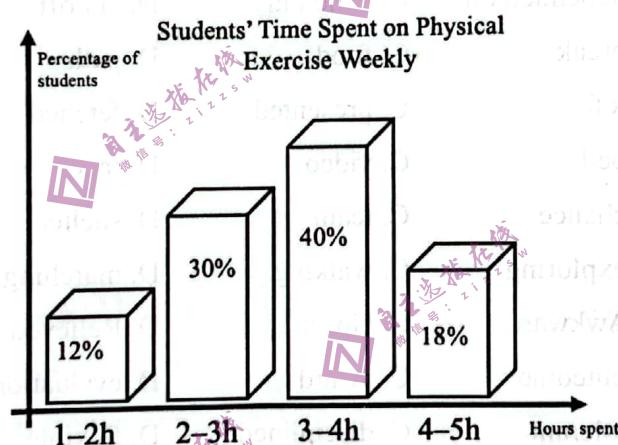
The basic halls in the museum are divided into three exhibition halls 61 2,000 cultural remains to display the history of ancient times in chronological (编年的) order. The first exhibition hall 62 (locate) on the ground floor while the other two are on the second floor. While 63 (design) the buildings in Shaanxi History Museum, the great designer used 64 (tradition) palace construction of Tang Dynasty for reference. Adopting symmetry axis (轴对称) layout with main and supporting buildings in order, the complex 65 (architecture) show the unique presence of Tang Dynasty.

第四部分 写作 (共两节, 满分 40 分)

第一节 (满分 15 分)

你校英文报正在开展以 Students' Time Spent on Physical Exercise Weekly 为题的讨论。请使用图表中的调查结果写一篇短文投稿, 内容包括:

1. 描述调查结果;
2. 分析其原因并给出建议。



注意:

1. 写作词数应为 80 左右;
2. 短文的题目和首句已为你写好。

Students' Time Spent on Physical Exercise Weekly

Nowadays, many students are aware of the significance of physical exercise, although the time they spend on it varies.

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。

Saving the Daisies

Taylor aged 14 opened her sleepy eyes and looked out the window below. "NO!" she cried, now fully awake. Buttermilk the cow was in Mama's daisy (雏菊) garden.

"I must have forgotten to close the gate last night," Taylor thought as she pulled a sweatshirt over her head. Mama was planning to sell the daisies at the fair next week. But Buttermilk was eating the flowers. Taylor hurried outside and grabbed a rope.

"Why can't you stay in the field?" she called to Buttermilk as she headed across the yard to the daisy garden. Buttermilk stood biting the tender flowers.

"When I grow up, I'll be an artist and paint pictures all day," Taylor thought. "I'll not own a cow. Too much trouble." Taylor was fond of painting since the day she had memory. She would like to help with family but she loved seeing birds and flowers alive under her brush more.

Just as Taylor was about to throw the rope onto Buttermilk's collar, the family dog barked. Buttermilk couldn't stand it and took off, tearing through the daisies. It finally ran through the open gate and into the field outside. "Thank goodness!" Taylor said as she closed the gate and secured the lock. But as she turned to look at the flower garden, most of the daisies were either eaten or left in pieces.

Mama and Dad came out of the house. "What's going on?" Mama asked. She looked sadly at her garden. "I forgot to close the gate," Taylor said. "I'm so sorry." "I know you are." Mama sighed and gave Taylor a hug.

Taylor's heart was heavy as she went back into the house. Mama had prepared much for the fair but now half of her efforts were in vain. Taylor decided to think of a way to make it up to her mother. The problem tasked Taylor's mind. Could she plant other flowers in a week? Not enough time. Could she make use of the daisies in pieces? Not enough magic. Taylor found no way out.

注意:

1. 续写词数应为 150 左右;
2. 请按如下格式在答题卡的相应位置作答。

Suddenly, Taylor noticed a daisy painting in the house and an idea jumped in.

A week later, when her parents were loading the car, Taylor brought her paintings downstairs.