

Day 3: Amboseli National Park

Fly by private charter to Amboseli National Park, where vast grasslands are irrigated by underground runoff streams from Mount Kilimanjaro. These landscapes provide a habitat for hundreds of elephants, making the park one of the best places in Africa to spot these large creatures. The travel begins on the drive to Tortilis Camp, set within view of Mount Kilimanjaro.

Accommodation: Tortilis Camp

Day 4: Masai Mara National Reserve

At first light, head out to track the animals that crossed the area during the night. This area has one of the highest concentrations of large predators(捕食性动物) in all of Africa. Then watch large groups of hippos in the Mara River and crocodiles sunbathing on the shore.

Accommodation: Kichwa Tembo Camp

21. On which day will you visit Lewa Wildlife Conservancy?
A. Day 1. B. Day 2. C. Day 3. D. Day 4.
22. Which is the best place to watch African elephants?
A. Tamarind Tree Hotel. B. Kichwa Tembo Camp.
C. Amboseli National Park. D. Borana Conservancy.
23. What is special about Masai Mara National Reserve?
A. It provides the best sunbath. B. It features the Grevy's zebra.
C. It is located near an airport. D. It is home to large predators.

B

I have always loved the Arthurian legend(传奇), as there is something quite special about King Arthur, and of course Merlin, my favourite character from the stories.

Death of an Empire is the second volume in MK Hume's "Merlin" series which details Merlin's life from birth. Merlin travels across the Roman Empire in search of his father, a voyage of discovery to understand just who he was. Eventually Merlin gets involved in the fight against the Hun's invasion(入侵) of Europe at the Battle of the Catalaunian Plain.

Serving under the General Flavius Aetius, Merlin builds a reputation by saving the lives of thousands of soldiers. When he finally reaches Rome, he saves many more. But a far deadlier conflict between Emperor Valentinian and Senator Petronius Maximus is around the corner and Merlin must use all his strength to carry out his work.

If I had to choose just one word to describe this novel, there would be no other choice than "immersive(身临其境的)". There has clearly been a serious amount of research carried out by the author. Combined with the descriptive prose and imaginative story, the book really does attract you from almost the very start. The story really does feel like you are a part of it as Merlin travels across the Roman Empire.

The author does a great job of mixing the rich history with established Arthurian legend. The battle scene is handled very effectively. The author employs a very effective form to show the main fight and this not only adds a degree of tension and a good level of excitement but almost makes you feel like you are right there hearing about what happened.

Death of an Empire is a very fine novel, a wonderfully rich tale and a rewarding story.

24. Why does Merlin travel across the Roman Empire?
A. To visit King Arthur. B. To enjoy a nice view.
C. To get a well-paid job. D. To find out his origin.

25. What can we learn about the novel?
A. It is a mixture of history and legend. B. It features difficult language.
C. It speaks highly of an emperor. D. It is a masterpiece of Merlin.
26. What does the underlined word “this” in paragraph 5 refer to?
A. An effective description. B. A long-running battle.
C. A wonderful feeling. D. A well-known legend.
27. What is the text?
A. A news report. B. A history story. C. A book review. D. A science fiction.

C

As we all know, insects can be remarkably agile(灵活的) in flight. This is really hard to build into flying robots, but MIT Assistant Professor Kevin Yufeng Chen has developed an insect-sized drone(无人机) that approaches insects' agility.

Typically, drones require wide open spaces. “If we look at most drones today, they're usually quite big,” says Chen. “Most of their applications involve flying outdoors. The question is: Can you create an insect-sized drone that can move around in very crowded and complex spaces?”

According to Chen, he overcame many problems when building the drone. The insect-sized drone requires a fundamentally different construction from a larger one. The large drone is usually powered by a motor, but the motor loses efficiency as you shrink it. So, Chen says, “For an insect-sized drone, you need to look for alternatives.” The principal alternative until now has been employing a small, rigid actuator(执行器) built from new materials. Chen designed a more agile tiny drone using soft actuators instead of hard ones.

Each actuator can beat nearly 500 times per second and weighs just 0.6 gram, approximately the mass of a large bee. It gives the drone insect-like agility. “You can hit it when it's flying, and it can recover,” says Chen. “It can also turn over in the air.” The drone looks a bit like a tiny cassette tape with wings, though Chen is also working on a new one shaped like a dragonfly.

Chen says his drone can be useful in industry and agriculture. It can perform machinery inspections to ensure safety and function. Its potential applications include completing search-and-rescue missions following a disaster. “All those things can be very difficult for existing large-scale drones,” Chen explains.

28. What can we know about the actuator designed by Chen?
A. It weighs about six grams. B. It drives the insect-sized drone.
C. It loses efficiency too much. D. It employs conventional materials.
29. Which word can best describe Chen's work?
A. Easy. B. Costly. C. Fruitless. D. Challenging.
30. What does the last paragraph mainly tell us about the new drone?
A. Its safety standards. B. Its flying range.
C. Its possible applications. D. Its design principle.
31. Which is the most suitable title for the text?
A. An Insect-like Small Drone
B. The Future of Insect-sized Drones
C. How Drones Will Change the Agriculture
D. What Challenge Drone Development Faces

36. You don't have to show up with a fresh apple pie or anything like that. It's truly as simple as saying hello, introducing yourself and asking a few open-ended questions. But they are the first step to becoming a kind neighbor.

Then get out of your comfort zone and make efforts to know more about your neighbors. 37. And if you feel comfortable, let them know that you're there to help, if they ever need another hand.

Another way to show your neighbors that you care is by making your small acts of kindness a regular practice. This can be cleaning up the litter or even cleaning up after the pets have made a mess on your block. 38, you can ask your partner or kids to pick a bunch of flowers from the garden to give your new neighbor. 39.

Remind yourself that being connected feels good and boosts your mood in the long run. If you take the first step, your small acts of kindness can encourage others to pay that kindness forward. 40. Challenging as they are, reaching out to your neighbors is worth the efforts.

- A. Or if you have an amazing garden
- B. Remember, every small gesture counts
- C. If you want to be respected and cared by your neighbors
- D. For example, ask for their names and learn what they do for work
- E. Your attitudes towards your friends also set an example for your kids
- F. It doesn't take a lot of money or a generous gesture to be an active neighbor
- G. In the end, more and more people in the neighborhood will feel much better

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。

In battling leukemia(白血病), 9-year-old Harper Harrell has devoted her days in the hospital to raising money for the V Foundation for cancer research. "I know it's 41, but it deserves my effort," said Harrell.

After Harrell was diagnosed(诊断) with leukemia in October 2021, she started learning about the foundation which 42 cancer research. The foundation has already 43 nearly \$290 million for cancer research nationwide. The foundation's administrative costs are paid 44 by itself, which means 100% of donations go to cancer research.

Believing one small thing could change a lot, Harrell started to 45 some drawings in her notebook shortly after beginning treatment. One of them was a ribbon(丝带) with a "Peace out, cancer" message written below it. Harrell thought the 46 would be a great T-shirt for children facing a(n) 47 battle.

While Harrell was 48, her mother, Heather Hindin, found a way to bring her 49 to life. She 50 a T-shirt campaign online. The plan was to donate half of the income to the foundation while using the rest for her daughter's medical expenses. They have 51 over \$24,000 this year, which will specifically go to the foundation, after launching two T-shirt campaigns.

"There are all of these messages of 52 that people post when they order," Hindin said. "They help so much with her 53 and keeping her positive." Harrell, who says she has always had a 54 for helping others, offered a simple piece of advice: "Try to help and assist where you can, and you will achieve something 55."

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|----------------------|------------------|-----------------|------------------|
| 41. A. risky | B. lucky | C. new | D. hard |
| 42. A. avoids | B. attracts | C. supports | D. restricts |
| 43. A. awarded | B. wasted | C. demanded | D. missed |
| 44. A. partly | B. completely | C. accidentally | D. suddenly |
| 45. A. make | B. cover | C. tear | D. enjoy |
| 46. A. word | B. title | C. design | D. wish |
| 47. A. original | B. similar | C. exact | D. famous |
| 48. A. under control | B. at school | C. in hospital | D. on duty |
| 49. A. dream | B. body | C. illness | D. doctor |
| 50. A. turned down | B. put off | C. handed over | D. set up |
| 51. A. collected | B. refused | C. invested | D. borrowed |
| 52. A. prediction | B. encouragement | C. hesitation | D. embarrassment |
| 53. A. notes | B. roles | C. scores | D. spirits |
| 54. A. sign | B. passion | C. view | D. finish |
| 55. A. harmless | B. gentle | C. familiar | D. great |

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。

Astronomers have published a major finding 56 (recent): A black hole has been releasing energy from a small star 57 was shredded(吞噬) in 2018, after two years in which it didn't emit(发射) any such material.

“Super unusual,” said Yvette Cendes, an astronomer at Harvard. “We've never really seen this before to this degree.”

Researchers made the 58 (discover) when they used a 59 (power) radio telescope facility to check some two dozen black holes where stars had been shredded after 60 (come) too close to them. Such happenings 61 (call) tidal disruption(潮汐破坏) events, or TDEs.

What they found was that one of the TDEs was emitting energy at an unusual speed 62 at a very surprising time: more than two years after the event.

This behavior is different from what has been observed in black holes before, in two ways. First, the timing: it's more common 63 (see) radio emissions from black holes within the first few months after swallowing a star. And second, the energy emitted in this case doesn't quite fit in 64 what astronomers have seen before.

In most cases of black holes swallowing stars, perhaps 99%, the outflow is lower in energy. And in 1% of cases, that outflow, at about half the speed of light, rarely 65 (occur).

第四部分 写作(共两节,满分 40 分)

第一节 (满分 15 分)

上周末你参观了校学生会举办的“乡土中国(Rural China)”摄影展。请你为校英文报写一篇报道,内容包括:

1. 活动介绍;
2. 个人感受。

注意:1. 写作词数应为 80 左右;

2. 可以适当增加细节,以使行文连贯。

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。

I came to know this unique individual in a very simple way. One afternoon, in the little town where I then lived, I was walking my dog when he began to behave strangely, rolling wildly on the ground.

While I was wondering what was the matter with him, I became aware that someone was walking by my side a man of about 30, poorly dressed, collarless and hatless. A beggar, I thought, and was about to put my hand in my pocket. But the stranger smiled peacefully at me as though we were old friends. "He's got a tick(扁虱), poor guy," he said, pointing to my dog. "Come along. We'll have it out." There was such warm friendliness in his eyes that I took no offense at his familiarity. I followed him to a park bench and sat down beside him.

Strange to say, my Kaspar, who was usually wary(警惕的) of strangers, responded at once, and put his head on the man's knee. Searching the dog's coat with long and sensitive fingers, the stranger finally said "Aha!" and released Kaspar. "Here it is," he laughed, holding something in the air. As the dog ran hurriedly, the stranger rose with a nod and walked on. His departure was so sudden that it did not occur to me until later that I should have thanked him.

At home, still considering the man's strange behaviour, I reported the adventure to our old cook. "Oh, that was Anton," she remarked. "He's got an eye for everything." I asked what he did for a living. "Nothing," she said, as if astonished by my question.

"Well," I said. "Everyone has to have something to live on."

"Not Anton," she said. "Everyone is glad to give him whatever he wants. He doesn't care about money. He doesn't need it, either." Well, this was strange.

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。

I resolved to learn more about him. _____

In later years I have often thought of Anton. _____

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