

(考试时间 90 分钟 满分 100 分)

本试卷共 10 页。考生务必在答题卡指定区域作答,在试卷上作答无效。

## 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。

The moment Kareem went into the waiting room, his nervousness increased dramatically. Mateo, his opponent, was sitting there, with his 1 resting on his knee. The two would 2 for the last opening at the music school. Kareem could tell Mateo was 3, just like he'd always been.

Kareem sat and closed his eyes, trying to ignore Mateo's calmness, a sharp contrast to his own 4. To relieve the tension, Kareem began tuning his guitar.

Suddenly a deafening noise came and Kareem froze at the noise. A broken E string 5 from Kareem's guitar. He'd over-tightened the string, causing it to break. Then, he 6 his bag for another set of strings. 7, Kareem brought no strings for replacement.

As his turn was approaching, Kareem felt 8. Now there was no choice. He stood up slowly and walked to Mateo, "Would you happen to have a spare E string?"

Mateo shook his head, "Sorry." Kareem nodded and whispered that he understood.

Just then Kareem's name was called. He was rooted to the ground and was about to quit when he noticed Mateo's arm outstretched, holding his guitar out to him.

"Here, use mine," Kareem's mouth 9 as Mateo added, "Do your best, man."

The professor asked Kareem what to play. He hesitated, "I'll be playing Bach's Bourree in E minor, with my...my friend's guitar."

As Kareem walked toward the stage door, he looked back at Mateo with a shared 10 as if to say they were friends.

- |                 |              |               |              |
|-----------------|--------------|---------------|--------------|
| 1. A. coat      | B. phone     | C. guitar     | D. book      |
| 2. A. compete   | B. vote      | C. argue      | D. stand     |
| 3. A. active    | B. popular   | C. ready      | D. proud     |
| 4. A. sorrow    | B. anxiety   | C. shame      | D. anger     |
| 5. A. showed up | B. came back | C. fell apart | D. hung down |
| 6. A. spotted   | B. searched  | C. packed     | D. held      |
| 7. A. Simply    | B. Naturally | C. Sadly      | D. Seriously |
| 8. A. hopeless  | B. careless  | C. guilty     | D. lonely    |
| 9. A. hurt      | B. shut      | C. watered    | D. dropped   |
| 10. A. smile    | B. hope      | C. interest   | D. view      |

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 个适当的单词, 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

I enjoyed a lovable college time both on campus and at home. At college, I joined a variety of clubs to enrich my life. As the term was drawing to an end, I 11 (plan) to do plenty of things during the vacation. First of all, I wanted to help my mother 12 housework. I also wished to finish the thickest book 13 had been recommended by my teacher. It turned out that everything went smoothly as I expected.

B

Extreme heat is becoming increasingly common across the globe. It is an 14 (extreme) dangerous weather condition where the temperatures are much hotter than average. It's clear that how hot future summers will get depends on 15 humans do to stop climate change. Governments appeal to people to reduce greenhouse 16 (gas)—like methane (甲烷) and carbon dioxide (CO<sub>2</sub>)—in the atmosphere. Also, they will set up public cooling stations 17 (protect) people at risk.

C

The Sanxingdui Ruins site in Sichuan province, 18 (consider) one of the greatest findings of mankind in the 20th century, has continued to amaze the world. Since May, 2001, more than 500 cultural relics 19 (find) at the site, including bronze ware (青铜器), gold and bronze masks and so on. Among them, a gold mask is catching the world's attention. It's 37.2 cm wide, 16.5 cm high and 20 (weigh) about 100 grams, which is strong proof of the existence of ancient Shu state.



23. A school-friendly schedule should \_\_\_\_\_.
- A. reflect individual needs of kids
  - B. copy the exact school timetables
  - C. start from the beginning of holidays
  - D. combine study with digital entertainment

## B

Brian Schwartz became one of the many to turn jobless under the epidemic. For Brian, the timing could not have been worse. It was a stressful time between a wife carrying a baby, a dad battling brain cancer, and everything else going on in the news.

Brian needed to do something productive and he turned to mowing lawns for stress relief. “I just decided to create my own good news, really just as a time filler,” says Brian. He wanted to help neighbors, just keeping himself busy mentally and physically. Brian offered his lawnmowing service free to seniors and people with disabilities in his community.

As word spread of his good acts, the local media began picking up on the story. The attention got Brian thinking. There was clearly a broader need for what he was offering. So he decided to launch a website, *Iwanttomowyourlawn.com*, and a kindness movement was born. Pretty soon, Brian had a large crowd of clients needing others to mow their lawns and an army of volunteers, from 18-year-olds in college to recent retirees. As news of his organization spread, he also began to attract donations to help with operating costs, which encouraged him to turn the service into a nonprofit.

As the organization has evolved (演变), Brian has expanded his offerings to include other services like removing trees and clearing snow. But he believes the benefit of what his team does goes way beyond the practical. “We are not only providing them with financial relief,” he says. “It’s mental and physical relief as well. And we’re hearing feedback not only directly from the people we’re helping, but also from their neighbors who thank us for helping make the community better. And I’m even receiving occasional letters from people that we might not even help, but they might have just been at the time looking for some uplifting news.”

*Iwanttomowyourlawn.com* has become a passion. Not least of all for the benefits the kindness brings. “It stimulates my mind, my body and my soul just by helping others,” he says. “It’s a really good feeling. I feel like I’m doing something that has some meaning and purpose.”

24. What got Brian into a bad situation?

- A. Taking care of a baby.
- B. Being out of work.
- C. Fighting against cancer.
- D. Being reported in news.

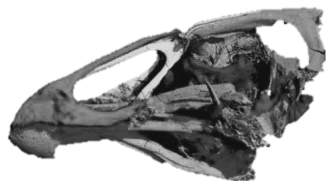


*mow lawns*

25. Why did Brian create the website?
- A. To gain more public attention.
  - B. To provide a wider range of services.
  - C. To raise donations for people in need.
  - D. To collect news of kindness movements.
26. What can we learn about Brian's organization?
- A. It puts forward plans on bettering the community.
  - B. It requires people to give feedback on the offerings.
  - C. It reduces the unemployment among people in need.
  - D. It gives people spiritual support as well as direct help.
27. What can we conclude from this passage?
- A. Good things take time.
  - B. Every moment matters.
  - C. We rise by lifting others.
  - D. Fame brings opportunities.

### C

Fossil by fossil, the story of the birds becomes clearer. It is now well established that modern birds are actually a group of dinosaurs, which survived a crash between the earth and a small planet 66m years ago. This impact wiped out the rest of the dinosaur world, along with a lot of other creatures.



*the skull fossil*

Recently a paper, published in *Nature*, has released the details of a fossil, which those studying it believe provides our earliest view of what modern birds were like during the initial stages of their evolutionary history. The fossil in question is called *Asteriornis maastrichtensis*. As its name suggests, the rock containing it was dug from deposits (沉积层) found near Maastricht. These deposits are between 66.8m and 66.7m years old.

This particular rock interested palaeontologists (古生物学家) because it included visible leg bones that looked as though they belonged to a bird. Such ancient fossils are rare, so instead of chancing their arms by using physical or chemical methods to explore the rock for more remains, Daniel Field of Cambridge University and his colleagues employed a CT scan, a process more familiar to most people as a medical-scanning technique. The result, an image of the animal's skull with false colours added to clarify which bits are which, can be seen in the picture.

*Asteriornis maastrichtensis* does indeed turn out to be a member of the modern birds. Specifically, it is part of the Galloanserae, which includes both land fowl (家禽), such as chickens and its relatives, and modern waterfowl, like ducks and the like. The skull of *Asteriornis maastrichtensis* exhibits features of both groups, so it most probably predates the division between them. And its discovery in Europe opens up the debate about whether modern birds originated in the southern part of the earth, as has been proposed.

As to what it looked like when alive, the animal's left upper leg, its best-preserved bone besides those of its skull, suggests *Asteriornis maastrichtensis* was a long-legged creature that marched around. This, and evidence that the rock it was preserved in was originally part of a fossil shoreline, has led to reconstructions of modern waterfowl.

*Asteriornis maastrichtensis* shows that a single fossil can help to nail down previously uncertain dates. The age of the fossil, in fact, suggests that those previous estimates, based on so-called molecular clocks (分子钟), might have overestimated how early the modern birds arose. Based on the discovery of *Asteriornis maastrichtensis*, the smart money is now on the modern birds as a group being only a little older than the dinosaur-killing impact itself.

28. What can we learn from the first two paragraphs?
- A. The details of the fossil are still in doubt.
  - B. The deposits were named after the fossil.
  - C. The crash caused the extinction of dinosaurs.
  - D. The fossil is seen as the oldest modern bird skull.
29. What can be inferred about *Asteriornis maastrichtensis* from the passage?
- A. It attracts palaeontologists as a rare ancient species.
  - B. It can present the whole picture of modern waterfowl.
  - C. It allows researchers to confirm where modern birds emerged.
  - D. It may be the common ancestor of modern chickens and ducks.
30. According to the passage, the author may agree that \_\_\_\_\_.
- A. fossils promote the accuracy of historical dates
  - B. it's not wise to dig the deposits for more remains
  - C. we can't trust fossils more than molecular clocks
  - D. more investment should be made to study fossils

#### D

During the final scenes of the movie, *Lord of the Rings: Return of the King*, we experience the full range of emotions. We hold our breath as the fire surrounds Frodo; we cheer when Gandalf saves him. So what's going on? There must be a special kind of movie magic that makes us care about what we know isn't real. As it happens, there is a special kind of magic, but it's not in the movie. It's in the minds of people who watch it. Dr. Norman Holland, professor of the University of Florida, believes this magic is particularly potent when we watch movies on the big screen.

“The first thing that happens,” he argues, “is that you give up control. The movie is in control.” In normal life our brains are like tractor beams (牵引光束), busy taking in any information that seems important or interesting. This is called the attentional system. But as the characters come alive on screen, we stop sensing our body. Psychologists call this kind of mental state “flow”: when our attention is completely absorbed in one activity and there isn’t any juice left in our attentional system to take in any more information. We are effortlessly swept along in the currents of the ride. This is why we love the movies: it’s like going on a roller coaster (过山车) for the brain.

But there’s another kind of magic at work here too: in a movie theater, as we give up control, our sense of reality changes. Deep down we know that what we’re seeing is make-believe, but because we’re not going to act upon it, because it doesn’t have a direct physical bearing upon us, we don’t test if it is real. It’s like that part of our brain goes on a temporary vacation. Something else is happening in the brain to make this possible too. The mind has different abilities, and each one has a distinct place in the brain. Our knowledge that we’re only watching a movie happens in the front part of our brain. But emotions come from the limbic system (边缘系统), in the back of the brain. Even though our front brain knows that a movie isn’t real, the back brain never gets the message.

Sadly, the intensity of the emotions that movies produce in us may be decreasing. At home, or on our smart phones, movies are wonderfully convenient. But watching in this way limits their magic because we’re in control: we have the power to stop the film or fast forward bits we don’t like. “If you’re not giving up control to the movie,” Holland says, “you’re getting a thinned-out movie experience.” More control might be more convenient, but it won’t mean more magic. Surely, we deserve better than that, and Frodo does too.

31. What does the underlined word “potent” in Paragraph 1 probably mean?

- A. Complicated.                      B. Effective.                      C. Subjective.                      D. Temporary.

32. Why does the author mention a roller coaster?

- A. To illustrate the excitement that a movie can provide.  
B. To explain the filmmaking techniques used by directors.  
C. To demonstrate the working state of the attentional system.  
D. To describe psychological methods involved in seeing a movie.

33. What can we learn from this passage?

- A. Distinct parts of our brain are interactive.  
B. The limbic system can help us sense the reality.  
C. Going to theaters creates better viewing experience.  
D. Movies on phones can take us to the state of flow easily.

34. Which of the following would be the best title for the passage?

- A. Your Brain on Movies
- B. Emotions out of Control
- C. The Rise of Movie Theatres
- D. Different Choices of Moviegoers

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。

Some people prefer to have a bite to eat before hitting the gym, known as a fed workout. Others would like to wait until after exercising to refuel their bodies, called a fasted workout.

35 Many experts say there's no easy answer because it depends on the person.

If you want energy and strength for an ideal workout, you need fuel. A fed workout will provide your body with power. Eating before exercise may help you sustain longer sessions and lift heavier weights. 36 Muscle preservation is also an essential component of strengthening your body. Nitrogen (氮) is critical for processing protein that builds healthy muscles. People tend to lose less nitrogen during a fed workout than a fasted one.

Many fitness enthusiasts are not on board with this idea. They report feeling sick and inactive while trying to exercise after eating. With a fasted workout, you may not get the usual indigestion. Experts for fasted workouts further claim that eating afterwards makes your body use its fat reserves for energy, meaning you will burn more fat. 37 It can cause a sudden drop in your blood glucose (葡萄糖) levels, and you may feel dizzy. You may even be more likely to overeat.

38 Not all foods are created equal. For example, if you choose a fed workout, you'll probably lose a lot of water during an intense training, so you should consider drinking some beforehand. With a fasted workout, it would help if you had some nutrition right after your session is complete. Drink some water. Then, have a light meal or nutritional snack.

Deciding when to eat for an ideal workout is a personal choice. Both fasted workouts and fed activities have their benefits and shortcomings. 39

- A. However, a fasted workout might not work for you.
- B. How your body will respond is based on your workout intensity.
- C. These benefits can result in burning more fat and shaping a slimmer body.
- D. To eat or not to eat, that is the question on many fitness enthusiasts' minds.
- E. Think thoroughly and discuss with your fitness instructor before taking a choice.
- F. Knowing what to eat for an ideal workout is just as important as knowing when to eat.
- G. A person doing a 30-minute session a day may not have a problem with fasted workouts.



### 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。

Yuan Xin, who is now pursuing his doctoral degree, learned from a young age the only way for him to succeed was with his brain rather than brawn (体力)。

At the age of three, a terrible accident cost Yuan his right arm. His parents didn't send him to kindergarten but kept him home. The idea was to ease him into learning with family care and better prepare him for further education. They believed that knowledge can change one's life.

When he entered primary school, he started receiving unwanted attention and some kids gave him nicknames. "I had doubts about myself then, but my parents told me to dismiss unfriendly noises and focus on learning," he says. He buried his head in his books and, as a result, his academic performance stood out. It gradually brought him admiration and respect from people around him.

His academic strength saw him admitted to computer science of Wuhan University of Science and Technology. "I figured it was less demanding on the 'hand' and more about brainwork," he says. However, he had his work cut out for him from the start. Before college, he hadn't even touched a computer. He couldn't make any sense of the first class, and had no clue about the keyboard. To catch up with the class, for the first term, Yuan spent his spare time studying and practicing in the computer room of the school library.

Yuan took every learning opportunity seriously and always followed up with his own actions. When he saw keyboards gathering dust and failing to work properly afterwards, he thought of setting up a protection cover over the keypads. He then spent half a year looking into the subject, consulting his professor and experimenting. Later he developed an idea and got a patent for it.

With his remaining hand, Yuan has come up with original designs and patents that have earned him more than 60 prizes and awards. "Although there might be many hard situations to face, I will make progress as long as I work for it," he says.

40. Why did Yuan's parents keep him home rather than send him to kindergarten?

41. How did Yuan respond to his classmates' unfriendliness?

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

➤ ***Yuan spent his spare time in his first term working hard in the computer room because he wanted to develop his ideas and get patents.***

43. Among Yuan's qualities, 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, 你校正在举办“大美中国”(The Beauty of China) 文创作品比赛。你的英国好友 Jim 是中国文化爱好者, 请你给他写信做个介绍, 内容包括:

1. 比赛目的与作品形式;
2. 你的参赛作品与设计理念。

注意: 1. 词数 100 左右;  
2. 开头和结尾已给出, 不计入总词数。

提示词: 文创作品 creative culture products

Dear Jim,

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Yours,  
Li Hua

(请务必将作文写在答题卡指定区域内)

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)

1. C                    2. A                    3. C                    4. B                    5. D  
6. B                    7. C                    8. A                    9. D                    10. A

第二节 (共 10 小题; 每小题 1.5 分, 共 15 分)

11. planned    12. with                    13. that                    14. extremely                    15. what  
16. gases        17. to protect                    18. considered                    19. have been found                    20. weighs

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)

21. D                    22. C                    23. A                    24. B                    25. B  
26. D                    27. C                    28. D                    29. D                    30. A  
31. B                    32. A                    33. C                    34. A

第二节 (共 5 小题; 每小题 2 分, 共 10 分)

35. D                    36. C                    37. A                    38. F                    39. E

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)

40. Because they wanted to ease him into learning with family care and better prepare him for further education.

41. He had doubts about himself at first, but then buried his head in his books.

42. *Yuan spent his spare time in his first term working hard in the computer room because he wanted to develop his ideas and get patents.*

Yuan spent his spare time in his first term working hard in the computer room because he wanted to catch up with the class.

43. (1) Persistence is of great importance to us because life is full of ups and downs. Only through the spirit of perseverance can we possibly overcome all the obstacles and difficulties that come in our way, realize our beautiful dreams and embrace success. (42 words)

(2) Optimism must be ranked number one among Yuan's qualities. Because it can bring us mental power. If we aren't optimistic, we couldn't move on in our life confronting failures, miseries or sufferings. It is optimism that enables us to regain confidence, courage and hope. (44 words)

(请根据学生答题情况酌情给分)

第二节 (20 分)

Possible version 1

Dear Jim,

How is everything going? Knowing you're keen on Chinese culture, I'm writing to share an ongoing Creative Culture Products contest on "The Beauty of China" organised by our school.

It is held to deepen students' understanding of the beauty of China. Works can be hand drawn or computer designed on the common objects like T-shirts, handbags, etc. The content involves the natural scenery, famous architecture, or local customs.

I also have an entry, a hand-drawn bookmark entitled "Beijing & Olympics". The front of it is "Bird Nest", the national stadium of China, since it has hosted the opening ceremonies of two Olympics. On the back is the lovely mascot "Bing Dwen Dwen".

Would you like to share the beauty of China in your eyes? Looking forward to hearing from you.

Yours,

Lihua

### Possible version 2

Dear Jim,

Hope this letter finds you well. I'm writing to share with you an on-going creative culture products competition entitled "The Beauty of China" in our school.

The competition is held to help students better appreciate the charm of Chinese culture and to improve our hand-on skills. Entries should be a hand-made product bearing distinctive Chinese elements, such as a bookmark, a T-shirt or other daily objects with traditional cultural symbols.

I have already decided on my design. It is a folding fan with the Great Wall painted on the front and the scenery of riverside town in southern China on the back. Both paintings show the unique features of the landscape in China. Also, beside each painting, there are two Chinese characters "Zhong Guo" written with our brush pen.

Sounds appealing, right? I can't wait to share more with you.

Yours,

Li Hua

### Possible version 3

Dear Jim,

How are you doing? Our school is holding a competition themed "The Beauty of China". Since you are fond of Chinese culture, let me introduce more details.

The competition aims to promote students' creativity and deepen our love for Chinese culture. Participants can submit various creative culture products, such as clothes, notebooks or fans.

I can't wait to share my entry with you. It's a handbag with the splendid scenery of the Great Wall painted by me. You know it can vividly show the beauty of China. Besides, it's practical and easy for students to carry.

What do you think of my product? Looking forward to your reply. (108w)

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。

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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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