

本试卷共 8 页，共 100 分。考试时间 90 分钟。

第一部分：知识运用（共两节，30 分）

第一节 完形填空（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。

Making My Own Bicycle

It was a Saturday morning. James and I were at the Bamboo Bicycle Club, ready for our bamboo bicycle building course.

The first step was setting up the structure for holding the frame (骨架) in place. After that we were told to 1 the bamboo to be of use, which was a delicate job. There were several things to 2. Of course, finding pieces that were the color we wanted was just as important.

The rest of the afternoon was spent 3 each piece of the frame into the structure. Bamboo is fairly flexible, and this particular 4 meant that some adjustments were really necessary. One problem lining up the two chains causes 5 made our frame useless. Luckily, however, after some careful 6, we confirmed that it was alright. There was just enough space to fit a wheel.

On Sunday morning we returned to the workshop to complete the final 7. We began to tightly wrap each joint on the frame, to keep it 8 with natural fibers kept in special glue. All that was left now was for it to dry. In a few hours we would be official members of the Bamboo Bicycle Club.

Finally we finished our job. I couldn't wait to 9 our bicycle to find out what it was really like to ride a bamboo bicycle. It felt just as 10 as any bicycle, but softer and more relaxed. Now, every time I get on our bicycle, I can't help smiling. It reminds me of when James and I built it and makes me proud of myself.

- | | | | |
|--------------------|--------------|-----------------|--------------|
| 1. A. return | B. cover | C. deliver | D. select |
| 2. A. bring in | B. watch for | C. take over | D. give away |
| 3. A. fixing | B. changing | C. leaving | D. mixing |
| 4. A. angle | B. position | C. quality | D. stage |
| 5. A. only | B. almost | C. seldom | D. still |
| 6. A. checks | B. requests | C. preparations | D. links |
| 7. A. report | B. command | C. judgement | D. process |
| 8. A. smooth | B. heavy | C. firm | D. slim |
| 9. A. charge | B. test | C. seek | D. equip |
| 10. A. complicated | B. accurate | C. suitable | D. capable |

第二节 语法填空（共 10 小题；每小题 1.5 分，共 15 分）

A

Blind boxes are popular with the young people nowadays. Archaeological blind boxes 11

(make) by several museums in China are trending on a major online shopping platform. The idea 12 (receive) wildly by many fans ever since it was released. Most of the blind boxes are sold out as soon as they are restocked every day. "You don't know how difficult archaeology is until you've done it yourself," a buyer said, expressing her admiration 13 archaeologists and recommending that everyone try it.

B

After a two-week-long trip to China, Dar became a skillful user of WeChat, an application that almost every Chinese would use in their daily life. During his stay in Beijing, Dar 14 (recommend) his family and friends to download WeChat so that they could contact through free WeChat video calls. And via the function of translation, Dar found it easy and efficient 15 (understand) what his friends were saying. As one of the many Chinese innovations nowadays, WeChat is only a glimpse of the energy and 16 (create) in today's China.

C

Smartphones are becoming more and more of a necessity for high school students. Therefore, a discussion was held about 17 the senior school students should use our smartphones at school. People 18 (support) the idea consider it convenient to contact the students' parents when necessary. However, people who are against it find some students are addicted to playing the smartphones easily, 19 effect on their studies is quite worrying. It is even 20 (bad) that smartphones can also discourage students' will.

第二部分：阅读理解（共两节，38分）

第一节 阅读下列短文，选出最佳选项，并在答题卡上将该项涂黑。（共14小题；每小题2分，共28分）

A

Since 1993, Chicken Soup for the Soul has been a socially conscious company that combines storytelling with making the world a better place. We tell the stories of all people through our efforts, always with an eye to furthering unity and understanding, and an appreciation for our differences.

Our Products

<p>Books: At Chicken Soup for the Soul, we receive thousands of stories every year for our books. These stories are the foundation of everything we do. They have inspired our other products and established the values we run our company by. With these stories, our publisher puts out about a dozen new titles every year. Click here to see our over 250 books.</p>	<p>Pet Food: We're also inspired by the thousands of stories we receive about the love between pets and people. These stories show that every moment matters between an owner and a pet. Our wholesome pet foods are meant to help you turn your own moments into stories. To learn more about our pet foods, click here.</p>
<p>TV and Movies: Stories can be told in a variety of ways and today we're branching out to what we call "visual storytelling." Our first regular TV show aired weekly beginning</p>	<p>Apps: Chicken Soup for the Soul stories have inspired us and we're sure they will inspire you, too. Our apps allow you to bring stories with you on the go and share</p>

October 2015 and our first Chicken Soup for the Soul feature film came out in 2016.

them with friends and family.

Facts & Figures

- The Chicken Soup for the Soul book series of over 250 titles has sold more than 110 million copies nationwide. Our books have been translated into 43 languages, have been published in over 100 countries, and have sold more than 500 million copies worldwide.
- In 2004, Chicken Soup for the Soul launched Pet Food, Chicken Soup for the Pet Lover's Soul, which today can be found in over 5,000 independent pet specialty stores.
- In 2008, Chicken Soup for the Soul became the best-selling trade paperback series of all time.
- In 2013 Kerner Entertainment agreed to produce a film based on Chicken Soup for the Soul.

21. From the passage we can know that Pet Food is _____.
- A. a series of stories between pets and people
B. a sort of value delivered by the pet lovers
C. a kind of food sold in pet specialty stores
D. a set of recipe books for pet owners
22. The "facts & figures" shows that Chicken Soup for the Soul _____.
- A. has developed into a film company
B. has made the world a better place
C. has achieved worldwide success
D. has experienced ups and downs
23. We probably find this passage _____.
- A. in a travelling guide
B. in a science report
C. on the Internet
D. on a poster

B

Something strange was happening inside LeeAnne's home. During the summer of 2014, 14-year-old J.D. had stomach severe pains, but his CT scan found nothing wrong. LeeAnne and her husband lost hair and suffered dizziness and headaches. LeeAnne even lost her eyelashes.

In January 2015, the city of Flint sent out a notice that the water supply, switched from the Detroit water system to the Flint River to cut cost, contained high levels of trihalomethanes (三卤甲烷). The notice warned that people with poor immune (免疫的) systems might be at increased risk for liver, kidney, and nervous system problems but emphasized that the water was otherwise safe to drink.

Alarmed, LeeAnne researched the water supply and searched the Internet. Then she distributed a fact sheet to city officials, listing the side effects of exposure to trihalomethanes. Then she urged her neighbors to attend city council meetings, where they shared their health problems. Still, officials insisted the water was safe to drink. So LeeAnne demanded that the city test her water.

The results were disturbing. The trihalomethanes were the least of her problems. The lead levels in her water were nearly seven times the legal amount. But the city maintained her plumbing (管道) was the cause.

LeeAnne immediately had her children tested for lead. All the kids showed lead exposure. She read Flint's water quality reports and discovered the city wasn't applying the proper corrosion (腐蚀) control standards to its pipes; the standards prevent the metal in pipes from leaching into the water.

In March, a follow-up test of LeeAnne's water showed lead levels nearly 27 times higher than the EPA's threshold. LeeAnne's pipes could not be responsible for the high lead levels, since they were plastic.

In September, Virginia Tech lab released a report that concluded the Flint River water was 19 times more corrosive than the Detroit water.

The governor eventually admitted the water was unsafe. He ordered that Flint's water supply be switched back to Detroit's. In Washington, President Barack Obama declared a state of emergency in Flint and ordered federal aid to help the city recover.

24. How did LeeAnne react to the city notice?

- A. She had her children tested for lead.
- B. She asked the city to replace her pipes.
- C. She urged the officials to test Flint's water.
- D. She collected side effects of trihalomethanes.

25. What is the leading cause of the family's health problem?

- A. The lead in their water.
- B. Corrosion to their pipes.
- C. Their poor immune systems.
- D. Exposure to Trihalomethanes.

26. City officials' attitude toward the water issue was _____.

- A. unconcerned
- B. cautious
- C. doubtful
- D. objective

27. What does the story mainly tell us?

- A. Revealing the truth takes time.
- B. Nothing can stop a determined heart.
- C. It takes courage to challenge authority.
- D. Joint effort is the key to solving problems.

C

A star athlete at the college where I work recently stopped by my office. After committing a few unforced errors during a weekend match, she was riven by self-criticism. "I'm at peak fitness, and I practice hard. How is this happening?" She asked.

This student believes she should be able to control the outcomes of her life by virtue of her hard work. She has a sense that hours on the field should get her exactly where she needs to go. Many students have similar mentality. When they win, they feel powerful and smart. When they fail, they are crushed by self-blame. *If my achievements are mine to control, they reason, my failures must be entirely my fault, too.*

We talk often about young adults struggling with failure because their parents have protected them from discomfort. But there is something else at play: a false promise that they can achieve anything if they are willing to work for it.

Psychologists have sourced this phenomenon to a misapplication of "mindset" research, which

姓名：_____ 学号：_____ 班级：_____

订 装 封 密
线 线 线 线
要 内 不 要
答 题

has found that praising children for effort will increase academic performance. A 2018 analysis found that while praising effort over ability may benefit economically disadvantaged students, it does not necessarily help everyone.

One possible explanation comes from Suniya Luthar, who argued in a research paper that for teens in wealthy, pressure-cooker communities, “it is not a lack of motivation and perseverance (毅力) that is the big problem. Instead, it is unhealthy perfectionism, and difficulty with backing off when they should, when the desire for achievements is over the top.” They push themselves onward in face of impossible goals. A 2007 study found that teens who refused to give up impossible goals showed higher levels of C-reaction protein, a marker of systemic inflammation (全身炎症) linked to heart disease and other medical conditions. A 2014 study showed a connection between the perfectionist tendencies and depression.

The cruel reality is that you can do everything in your power and still fail. Instead of allowing our kids to beat themselves up when things don't go their way, we adults should help students pursue success in healthier ways in part by redefining failure as a feature, not a bug, of learning. At Smith College where I teach, students are asked to explore how setbacks and missteps made them stronger or more effective. We would be wise to remind our kids that life has a way of sucker-punching (意外打击) us when we least expect it. It's often the people who learn to say “stuff happens” who get up the fastest.

28. Why was star athlete trapped by self-blame?
- A. She broke down during the match.
 - B. She didn't try her best in the match.
 - C. She believed hard work should pay off.
 - D. She thought she should have practiced harder.
29. What can we learn from Paragraph 5?
- A. Lack of motivation and perseverance leads to teens' failure.
 - B. Praising children for effort increases academic performance.
 - C. Children struggle with failure due to parents' over-protection.
 - D. Unhealthy perfectionism causes physical and emotional stress.
30. According to the author, adults should _____.
- A. help students learn from failure
 - B. protect students from discomfort
 - C. reward students for their hard work
 - D. explore the cause of students' failure
31. Which of the following does the author probably agree with?
- A. Effort equals achievement.
 - B. Motivation is the key to success.
 - C. Success is not always under control.
 - D. Effort is more important than ability.

D

The biomedical world is flooded in data. We have a lot of genomic information from mouse to human, precious health measurements from clinical tests, and a large amount of so-called real-world

data from insurance companies and drugstores. Using powerful computers, scientists have carefully researched it with some fine results, but it has become clear that we can learn much more with an assist from artificial intelligence. Over the next decade deep-learning neural networks will likely transform how we look for patterns in data and how research is conducted and applied to human health. This special report explores the future of this new transformation.

Right now the biggest assumptions are being placed in the field of drug discovery, and for good reason. The average cost of bringing a new drug to market nearly doubled between 2003 and 2013 to \$2.6 billion, and because nine out of ten fail in the final two periods of clinical tests, most of the money goes to waste. Every large drug company is working with at least one AI-focused start-up to see if it can raise the return on investment.

Machine-learning algorithms (算法) can get through millions of chemical compounds, narrowing the choices for a particular drug target. Perhaps more exciting, AI systems—free by leading theories and biases—can identify entirely new targets by spotting tiny differences at the level of cells, genes or proteins between a healthy brain and one marked by Parkinson's—differences that might avoid or even puzzle a human scientist.

That same sharp-eyed ability is also being used to explain medical scans. Some systems can already discover early signs of cancer that might be missed by a radiologist or see things that are simply beyond human capacity—such as evaluating cardiovascular (心血管) risk from a retinal scan. The Food and Drug Administration is approving imaging algorithms at a rapid click. Other AI applications lie a bit further down the road.

Will the inefficiencies of today's electronic health records (EHRs) be solved by smart systems that prevent prescribing mistakes and provide early warnings of disease? Some of the world's biggest tech giants are working on it.

Despite fears that machines will replace humans, most experts believe artificial and human intelligence will work cooperatively. The bigger concern is a shortage of people with both biomedical knowledge and algorithm proficiency. If this human problem can be solved, the key to creating successful AI applications may depend on the quality and quantity of what we provide them with. "We rely on three things," says the CEO of one deep-learning start-up. "Data, data and more data."

32. Why do large drug companies work with AI-focused start-up?

- A. Because it is required by the government to do so.
- B. Because it helps to explore new medicine with others.
- C. Because it saves costs for drug companies to explore AI.
- D. Because it's used to check if the return on investment can be increased.

33. What is the author's attitude towards the changes that AI has brought to the field of medicine?

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

34. What would be the best title for this passage?

- A. Why New Technology Will Change Our Life
- B. How Artificial Intelligence Will Analyze Data
- C. How Artificial Intelligence Will Replace Humans
- D. How Artificial Intelligence Will Change Medicine

best practice. The United States and Australia among others have had shared services in government since the late 1990s.

With the rise of the sharing industry, the best-known shared bikes and shared cars have got a lot of public attention. This kind of transportation is so environmentally-friendly that it is increasingly popular among people in many cities.

Of course shared services don't need to be limited to machines. The real pay-off in shared services probably lies in renting out smaller, less heavy items. For example, in today's casual environment, you don't need a tie unless you're going to a wedding or a job interview. So some companies would let you pick up a tie when you needed it and only when you needed it. Another example is an umbrella-sharing service. Since visitors don't want to be carrying umbrellas all the way, it would be cheaper and easier to simply borrow an umbrella on one street corner and drop it off on another.

Recently organisations that have centralised their IT functions have begun to take a close look at the technology services that their IT departments provide for customers, evaluating where it makes sense to provide technology components. E-mail and scanning (扫描) operations were obvious early candidates. Many organisations are now offering their document-intensive operations as a shared service. There is no doubt that people are calling for the expansion of shared services to more and more areas.

40. What is the sharing industry?

41. Why does shared transportation receive attention from people?

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

➤ *Shared services are getting increasingly popular for their convenience, but there are still calls for expansion to wider areas because they are currently restricted to machines.*

43. Please provide another example of shared services and explain your reason. (about 40 words)

第二节 (20 分)

假设你是红星中学高三学生李华。你是学校篮球队的队员，目前校队正在招收新队员，请给你班交换生 Jim 写封邮件邀请他加入，内容包括：

1. 介绍球队；
2. 告知报名方式和截止日期；
3. 询问意向。

注意：1. 词数 100 左右

2. 邮件的开头和结尾已给出，不计入总词数。

Dear Jim,

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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