

试卷代号:1388

国家开放大学(中央广播电视大学)2017年秋季学期“开放本科”期末考试

理工英语 4 试题

2018年1月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后方可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

三、用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

四、考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. — I wonder if I could use your tablet tonight?
— _____ I'm not using it right now.
A. It doesn't matter.
B. No, thank you.
C. Sure, here you are.
2. — I'm leaving for Shanghai tomorrow.
— _____
A. Bring me a present.
B. Have a pleasant trip!
C. Let's go out for a drink.
3. — What would you like to have for breakfast?
— _____ Would you like to have a taste?
A. Twisted cruller, I bought it this morning.
B. I already had my breakfast.
C. Breakfast is the most important meal of the day.
4. — Is it better to be physically attractive or intelligent?
— _____
A. Yes, it is very attractive.
B. No, it is not attractive.
C. For me, be intelligent is better, but that depends on.
5. — Thank you ever so much for the Apple Watch you sent me.
— _____
A. No thanks.
B. I'm glad you like it.
C. Please don't say so.

二、词汇与结构(共计 30 分,每小题 2 分)

6—20 题:阅读下面的句子,从 A、B、C 三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. The scientist spoke confidently, _____ impressed me most.
A. that
B. so that
C. which
7. There are _____ calls for lawmakers to consider copyright laws.
A. increase
B. increasing
C. increased
8. What's _____ issue here is the difference between cosmetic and plastic surgery.
A. at
B. on
C. in
9. Considering the needs of the new generation, we propose the concept of the _____ network.
A. wearing
B. wearable
C. worn
10. Everything we do has the potential _____ creating some bad.
A. to
B. in
C. for
11. They are _____ make an announcement later on today.
A. wish to
B. expected to
C. looking forward to
12. Tom can speak French. _____.
A. Nor can Jack
B. So can Jack
C. So Jack can
13. She's been interested in computer science _____ she was eight.
A. since
B. before
C. ago

14. He would much _____ it if you could do him the favor.
A. award B. apply
C. appreciate
15. Animal farming _____ about half of all human-caused greenhouse gases.
A. count for B. accounts for
C. count on
16. Cosmetic surgery involves _____ reshaping the body features.
A. in B. at
C. on
17. _____ by the promise of these tiny tubes, people are already working to turn the Space Elevator into a reality.
A. To fuel B. Fueling
C. Fueled
18. So _____ that millions of people queue to buy it.
A. popular is the smartphone B. popular the smartphone is
C. the smartphone is popular
19. It is _____ an interesting story that I want to read it again.
A. so B. such
C. many
20. Success can breed success, if you _____ it.
A. take care of B. take charge of
C. take advantage of

三、阅读理解(共 40 分,每小题 4 分)

21—25 题:从 A-E 选项中选出合适的句子填入下面对话,并将答案序号写在答题纸上。

Passage 1

- A. May be they were polluted in your hospital.
- B. so I will stop all orders with your company.
- C. This is the first time we've received a complaint of this nature.

D. they will be returned to your factory immediately.

E. it's your job to do that, not ours.

Henry: Good afternoon! Lucy, I am telling you something urgent. We have found several cases of golden staph infected in our patients. They were caused by your products.

Lucy: Are you sure? Our bandages are very safe. 21.

Henry: I know that. But only patients who have used your bandages are infected.

Lucy: All of our products were made with the utmost care. 22. And why didn't you put the bandages into the sterilizer before you used them?

Henry: Lucy, 23. I've already asked the hospital to do a re-examination of your supplies right now.

Lucy: Henry, you're making things difficult.

Henry: The safety of our patients is most important, 24.

Lucy: But I have already posted your recent order. They are now on the way.

Henry: Sorry, Lucy. As soon as they arrive, 25.

26—30 题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

Baidu, China's leading search engine company, has unveiled its own eyewear called Baidu Eye. It is said to be a different product from Google Glass in terms of functionality.

The company demonstrated a working prototype on September 3 at its annual Technology Innovation Conference in Beijing. It bears a similarity to Google Glass, but it has no screen. Instead, the device uses a camera to scan objects, and focuses on analyzing information around its user and beaming that to a smartphone.

Baidu says the device is designed to support image search. The company's CEO Robin Li believes in five years' time, people will get used to searching by image and audio rather than text. Li has given an example of how one can take advantage of Baidu Eye, "If you are in a shopping mall and come across a woman whose skirt looks really attractive, you take a photo of her skirt using Baidu Eye, and you'll get to know where to buy one for yourself. "

According to Kaiser Kuo, Baidu's director of international communications, Baidu Eye can also recognize voice and gesture, "You can use voice commands, or gesture commands-like expanding to zoom, or circling an object in your field of view with your finger. "

Baidu is yet to announce a release date or marketing plans for Baidu Eye.

26. Baidu is China's leading search engine company.

27. Baidu launched a product that has more functions than Google Glass on September 3.

28. Baidu Eye can scan objects with its small screen.

29. The company's CEO Robin Li believes that people will get used to searching by text.

30. Baidu has already announced the release of Baidu Eye.

四、写作(共 20 分)

31: 根据要求写作文。

Please write a product description according to the given information. (根据以下信息写一份英文产品说明)

产品名称: 扫地机器人

型号: Roomba 790

基本功能: 高度智能和自动化的扫地机器人。通过多个感应器和多种行动模式清洁房间。

特点: (1) 高能效。160 分钟持续工作时间, 是同类产品的 2 倍。

(2) 超薄轻巧。重 2.5 千克, 高度 8.9 厘米。

(3) 独特门槛攀爬模式。同类产品最多能越过 10 厘米高的障碍, 本产品能越过 20 厘米高的障碍。

Words for reference:

扫地机器人 Robotic Cleaner

自动地 automatically

多个的 multiple

门槛 threshold

能量 energy efficiency

工作时间 operating time

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理工英语 4 试题答案及评分标准

(供参考)

2018年1月

一、交际用语(共计10分,每小题2分)

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1. C 2. B 3. A 4. C 5. B

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. B 8. A 9. B 10. C
11. B 12. B 13. A 14. C 15. B
16. A 17. C 18. A 19. B 20. C

三、阅读理解(共40分,每小题4分)

21—25题:从A-E选项中选出合适的句子填入下面对话,并将答案序号写在答题纸上。

Passage 1

21. C 22. A 23. E 24. B 25. D

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. F 29. F 30. F

四、写作(共20分)

31:根据要求写作文。

Please write a product description according to the given information. (根据以下信息写一份英文产品说明)

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型号:Roomba 790

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Words for reference:

扫地机器人 Robotic Cleaner	自动地 automatically
多个的 multiple	门槛 threshold
能量 energy efficiency	工作时间 operating time

参考范文:

Robotic Cleaner Roomba 790

Robotic Cleaner Roomba 790 saves your time and effort. It will clean your home automatically and intelligently with multiple sensors and dozens of behaviors.

Features:

High energy efficiency. With an operating time of 160 minutes that is twice as long as its competitors.

Light and slim. It is ultra light (2.5 kg) and slim (height of 8.9 cm). So it is easy to carry and it can lean almost beneath anything in your home or office.

Threshold climbing. The most important function is that Roomba 790 offers enhanced threshold climbing compared to other robotic vacuum models. Similar products have a 10 mm climb threshold, Roomba 790 detects up to a 20 mm climb — the highest level for a robotic cleaner.

Get Roomba 790, get beautiful vacuumed floors every day, the easy way.

作文评分标准:

1. 评分原则

(1) 本题总分为 20 分,按 6 个档次给分。

(2) 评分时,先根据文章的内容和语言初步确定其所属档次,然后以该档次的要求来衡量、确定或调整档次,最后给分。

(3) 评分时应注意的主要内容为:内容要点、句型变化、词汇运用和语法结构的准确性,语意的连贯性、逻辑性以及应用文的格式要求。

试卷代号:1388

国家开放大学(中央广播电视大学)2018年春季学期“开放本科”期末考试

理工英语 4 试题

2018年7月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

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四、考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. — Perhaps you have heard our products. Would you like to know something more?

— _____

- A. Sure. Go ahead.
- B. I don't need anything.
- C. I've heard a lot about you.

2. — Space travel must be very expensive.

— _____ The cost of a seat on the Virgin craft is \$ 250,000.

- A. That's not true.
- B. Of course.
- C. Why do you think so?

3. — Jeff, I'd appreciate it if you could help me with the opening speech I'm giving next week.

— _____, but I'll have some time between five and six pm.

- A. Don't mention it
- B. Yes, it's as quiet as we expected
- C. Well, it's pretty busy this morning

4. — I have a scar on my face, so I've make up my mind to have a plastic surgery.

— _____

- A. Good idea.
- B. I've no idea.
- C. Amazing.

5. — Let's go to this movie and see what exciting experience it will bring to us.

— _____

- A. You are such a great fan.
- B. I am more interested in the film director.
- C. Can't wait to watch it.

二、词汇与结构(共计 30 分,每小题 2 分)

6—20 题:阅读下面的句子,从 A、B、C 三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. _____, he knows a lot about computer.
A. As he is a child
B. Child as is he
C. Child as he is
7. He is still a _____ in handling such things.
A. green hand
B. visitor
C. adult
8. This, they argue, will be essential to _____ the needs of a booming population in decades to come and avoiding starvation.
A. meet
B. meeting
C. met
9. Combining carbon and super-capacitors _____ like a perfect marriage.
A. seems
B. sees
C. really
10. _____ the new law is used one day, I hope it will not punish people using 3D printers for personal purposes.
A. when
B. why
C. If
11. If Gardener _____, who will take care of us?
A. leaves
B. will leave
C. left
12. Although plastic surgery is created to improve the looks of a person, there are a certain percentage of _____.
A. effect
B. results
C. consequences
13. It is _____ an interesting story that I want to read it again.
A. so
B. such
C. many

14. Our part of the mission is nearly complete and the new crew will _____ for us.
A. take over
B. take out
C. take off
15. I think the benefits of opening up space far _____ the damage that we can see.
A. outwit
B. outweigh
C. outwear
16. She's not very optimistic _____ the development of 3D printing.
A. to
B. about
C. at
17. Absolutely, that movie _____ and I must admit that its director is brilliant.
A. held my breath
B. caught my breath
C. took my breath away
18. You can turn on the toy robot by _____ this button.
A. pressing
B. press
C. pressed
19. Tom asked me to go to play football and _____.
A. so did I
B. so I did
C. so do I
20. We _____ to deliver the goods within a week.
A. assure
B. guarantee
C. guard

三、阅读理解(共 40 分,每小题 4 分)

21—25 题: 阅读下列短文, 从 A、B、C 三个选项中选出一个正确答案, 并将答案序号写在答题纸上。

Passage 1

According to experts, the advantage of modified food is that it helps in preventing the occurrence of allergies and also has a long shelf life. However, a major portion of the population is against the consumption of genetically modified food and is concerned about its disadvantages. If you are also confused about the consumption of genetically modified food, read through the pros and cons given below and decide for yourself.

Advantages of Genetically Modified Foods

- One of the most prominent advantages of genetically modified food is that it helps in controlling the occurrence of certain diseases. Certain foods cause allergy to people. Their genetic modification alters the DNA system of these foods, thereby making them non-allergic.
- Another major advantage of such type of foods is that they grow faster than their traditionally grown counterparts. As a result, there is greater productivity and more food.
- A person need not bother about any additional costs, such as buying chemicals and pesticides, when it comes to genetically engineered food. The food is naturally pest-resistant.
- Farming these foods can be a great way to fight world hunger. Since these crops grow faster or more effectively, increased production would help countries wherein crops may not normally prosper because of less than desirable environmental conditions.
- The increased shelf life of these food products helps in reducing the quantity of rotten food.

Disadvantages of Genetically Modified Foods

- The biggest disadvantage of genetically modified food is that they have harmful effects on the human body. The consumption of these genetically engineered foods can lead to development of diseases that are immune to antibiotics.
- Chances of developing cancer are high in people who regularly consume engineered food.
- Since it is an unnatural way of producing foods, there is an increased health hazard such as allergens, transfer of antibiotic resistance markers and unknown effects.
- Since the production of engineered food involves infusing animal genes in the crops and tampering with nature, it might not be good for consumption in the long run.

21. How does genetically modified food control the occurrence of certain diseases?

- A. By cross-pollinating.
- B. By conventional crossbreeding.
- C. By altering the DNA system of these foods.

22. Do farmers need to buy any chemicals and pesticides if they plant genetically modified food?
- A. Yes, they need to. Because the food is not resist to pests.
 - B. No, they don't need to. Because the food is naturally pest-resistant.
 - C. No, they don't need to. Because the chemicals and pesticides are provided by the government.
23. Which statement is not the advantage of genetically modified food?
- A. It may have harmful effects on human body.
 - B. Genetically modified food grows faster than their traditionally grown counterparts.
 - C. Farming genetically modified food can help fight world hunger.
24. What would happen to a person if he regularly consume genetically modified food?
- A. He would get cold.
 - B. He would lose some weight.
 - C. He would have cancer.
25. Which title is the best for this passage?
- A. Can genetically modified foods combat world hunger.
 - B. Genetically modified food: our answer is no.
 - C. Genetically modified foods: pros and cons.

26—30 题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

With a teeny waist, exaggerated breasts, icy-blue eyes, 21-year-old Valeria says she is the real natural deal. A real-life Barbie, that is.

That's what she claims anyway, but many people doubt to her claims. Whether she underwent plastic surgery or uses Photoshop remains unclear. On her blog, the model notes that she is the most famous woman on the Russian Internet because of her doll-like appeal. Hundreds of photos on her Facebook page show a wide-eyed, nearly fake-looking Valeria posing in a variety of outfits.

The model did not return requests for comment. If Photoshop is not a factor in getting

Valeria's look, she likely underwent a barrage of plastic surgery. The president of American Society of Plastic Surgeons (ASPS) said, plastic surgery should never be used to transform oneself into a favorite celebrity or, in this case, a play toy. He also warns patients to keep in mind that plastic surgery is real surgery with real risks, just as with any operation, so the decision should not be taken lightly.

26. Valeria thinks that she is a real-life Barbie.

27. Valeria used to accept plastic surgery.

28. Valeria writes that she is the most famous woman on the Russian Internet because she posts a lot of pictures on her blog.

29. The author thinks Valeria neither Photoshops her, nor accepts a series of plastic surgery.

30. The president of ASPS thinks that plastic surgery is of risks.

四、写作(共 20 分)

31; 根据要求写作文。

Write a company profile according to the given information. (根据所给信息写一份公司英文简介)

公司名称: 蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业
- 专注于高端智能手机、移动互联网产品的研发
- 吸纳人才, 注重用户反馈
- 2015 年, 其智能手机销量接近 7000 万部

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(供参考)

2018年7月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. A 2. B 3. C 4. A 5. C

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. A 8. B 9. A 10. C
11. A 12. C 13. B 14. A 15. B
16. B 17. C 18. A 19. B 20. B

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. C 22. B 23. A 24. C 25. C

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. F 29. F 30. T

四、写作(共20分)

31:根据要求写作文。

Write a company profile according to the given information. (根据所给信息写一份公司

英文简介)

公司名称:蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业
- 专注于高端智能手机、移动互联网产品的研发
- 吸纳人才,注重用户反馈
- 2015 年,其智能手机销量接近 7000 万部

参考范文:

Lanmi was founded in April 2012 by a serial entrepreneur, who believes that high-quality technology doesn't need to cost a fortune.

At Lanmi, we've brought together smart people from Google, Kingsoft, Microsoft, Motorola, Yahoo, and other Internet and tech companies from around the world to bring that vision to life.

We create remarkable hardware, software, and Internet services for — and with the help of — our Lan fans. We incorporate their feedback into our product range, which currently includes Lan 4, Lan 3, Lan Pad, Lan Box, Lan TV, Lan 1S and Lan Note, Lan Power Bank and other accessories. We sell direct to customers to keep our prices competitive. And with nearly 70 million handsets sold in China in 2015 and products launched in Taiwan, Hong Kong, Singapore, Malaysia, Philippines, India and Indonesia, we are ready to go global.

作文评分标准:

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(3) 评分时应注意的主要内容为:内容要点、句型变化、词汇运用和语法结构的准确性,语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时,如拼写错误较多,书写较差,以至影响交际,将分数降低一个档次。

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理工英语 4 试题

2019年1月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

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1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. — I'm leaving for Shanghai tomorrow.

— _____

- A. Bring me a present.
- B. Have a pleasant trip!
- C. Let's go out for a drink.

2. — Do you think cosmetic surgery is more popular with women?

— _____

- A. Yes, women are more popular than men.
- B. Yes, absolutely. It is because women pay more attention to beauty.
- C. No, men are popular than women.

3. — I think the other reason can be identified from the industrialization of food production.

— _____ Some illegal traders care about nothing but making money.

- A. That bothers me too.
- B. I don't think it's right.
- C. Yes, you bet.

4. — So how can we buy safe food?

— _____

- A. The higher the price, the safer the food.
- B. We can plant vegetables and fruits by ourselves.
- C. When we choose food, we must remember to check its tag, confirming whether the basic information is marked on it.

5. — Space travel must be very expensive.

— _____ The cost of a seat on the Virgin craft is \$ 250,000.

- A. That's not true.
- B. Of course.
- C. Why do you think so?

二、词汇与结构(共计 30 分,每小题 2 分)

6—20 题: 阅读下面的句子, 从 A、B、C 三个选项中选出一个能填入空白处的正确选项, 并将答案序号写在答题纸上。

6. The reason why he didn't come to school was _____ he was ill.
A. because
B. why
C. that
7. Spaceships are stocked with a variety of _____ foods.
A. initial
B. instant
C. instinct
8. _____ this multimedia product has some shortcomings, it has also some good points.
A. While
B. If
C. Not only
9. You will get your cosmetic surgery on your nose. Please tell me if you like this medical plan _____.
A. or not
B. do you
C. OK
10. Flowers grow well in a warm climate. Similarly, technology _____ in a harmonious society.
A. is flourishing
B. will flourish
C. flourishes
11. _____ thinking is the heart of the artistic design.
A. Creative
B. Strict
C. Hateful
12. When we were students we _____ often stay up all night.
A. will
B. would
C. should
13. Doctor, please let me know _____ you can reconstruct my face.
A. what
B. whether
C. which
14. Touch-_____ 3D maps help the blind too much.
A. responsive
B. speaking
C. listening

15. The problem is uneven distribution, _____ 870 million suffering from hunger.
A. left B. to leave
C. leaving
16. _____ by the promise of these tiny tubes, people are already working to turn the Space Elevator into a reality.
A. To fuel B. Fueling
C. Fueled
17. Our part of the mission is nearly complete and the new crew will _____ for us.
A. take over B. take out
C. take off
18. It is known to all that a lot of South Korean _____ accepted plastic surgery.
A. celebrations B. celebrates
C. celebrities
19. _____ people are no longer worried about whether their food is safe or not can they enjoy a better life.
A. Only if B. If only
C. What if
20. You _____ the Inception, since I remember once you discussed its main plot with Cathy.
A. could have watched B. should have watched
C. must have watched

三、阅读理解(共 40 分,每小题 4 分)

21—25 题:阅读下列短文,从 A、B、C 三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

When computer servers operate a complex program, they can get very hot. Cooling the servers can be costly. So researchers asked what would happen if the heat created by the servers could be captured and used?

Data centers of large Internet companies such as Google and Microsoft have thousands of computer servers. As these servers process information, they create large amounts of heat, so they need huge cooling systems. These systems send the heat into the air.

The Dutch company Nerdalize thinks paying for electricity to operate the servers and then paying again to cool them is a waste of energy. So it developed a device called the e-Radiator. It is a computer server that also works as a heating source. Boaz Leupe is the

chief executive officer of Nerdalize. He says the e-Radiator saves money because companies don't have to pay to cool their servers.

"The kilowatt(千瓦)hour you are using is used twice-once to heat the home and once to compute the client's task without the cooling overhead. " He says five homeowners in the Netherlands are testing the heating device in their homes. "We reimburse the electricity the server uses, and that we can do because of the computer clients on the other side, and, in that way, homeowners actually get heating for free, and computer users don't have to pay for the overhead of the data center. "

Jan Visser is one of the participants in the year-long experiment. He says the amount of heat produced by the e-Radiator depends on the work being done by the computer server. He says it cannot be used as the primary source of heat. But he is ready to try it.

He says if it provides enough warmth, he will be able to use his home's heating system less, which will save him money. Nerdalize says e-Radiators create heat temperatures of up to 55°C. It says the devices could save users up to \$ 440 in heating costs a year.

21. Why did researchers ask what would happen if the heat created by the servers could be captured and used?

- A. Because computers can get very hot.
- B. Computer servers is a complex program.
- C. Cooling computer servers costs a lot of money.

22. The computer servers in large Internet companies such as Google and Microsoft can _____.

- A. create large amounts of information B. create large quantity of heat
- C. manage the huge cooling systems

23. Nerdalize developed the e-Radiator because _____.

- A. e-Radiator cost less energy B. e-Radiator can cool the servers for free
- C. e-Radiator can create cold air for free

24. According to Jan Visser, the amount of heat produced by the e-Radiator _____.

- A. depends on the work being processed by PC
- B. cannot be used as the home's heating system
- C. cannot be used as the main source of heat

25. The best title for this passage would be "_____".

- A. The New Way to Heat Homes
- B. The New Way to Cool Homes
- C. Hot Computers Could Be Used for Free

26—30 题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

Engineers who build and program robots have fascinating jobs. These researchers tinker (修补) with machines in the lab and write computer software to control these devices. “They’re the best toys out there,” says Howle Choset at Carnegie Mellon University in Pittsburgh. Choset is a roboticist, a person who designs, builds or programs robots.

When Choset was a kid, he was interested in anything that moved—cars, trains, animals. He put motors on Tinkertoy cars to make them move. Later, in high school, he built mobile robots similar to small cars.

Hoping to continue working on robots, he studied computer science in college. But when he got to graduate school at the California Institute of Technology in Pasadena, Choset’s labmates were working on something even cooler than remotely controlled cars: robotic snakes. Some robots can move only forward, backward, left and right. But snakes can twist (扭曲) in many directions and travel over a lot of different types of terrain (地形). “Snakes are far more interesting than the cars,” Choset concluded.

After he started working at Carnegie Mellon, Choset and his colleagues there began developing their own snake robots. Choset’s team programmed robots to perform the same movements as real snakes, such as sliding and inching forward. The robots also moved in ways that snakes usually don’t, such as rolling.

Choset’s snake robots could crawl (爬行) through the grass, swim in a pond and even climb a flagpole.

But Choset wondered if his snakes might be useful for medicine as well. For some heart surgeries, the doctor has to open a patient’s chest, cutting through the breastbone. Recovering from these surgeries can be very painful. What if the doctor could perform the operation by instead making a small hole in the body and sending in a thin robotic snake?

Choset teamed up with Marco Zenati, a heart surgeon now at Harvard Medical School, to investigate the idea. Zenati practiced using the robot on a plastic model of the chest and they tested the robot in pigs.

A company called Medrobotics in Boston is now adapting the technology to surgeries on people.

Even after 15 years of working with his team’s creations, “I still don’t get bored of watching the motion of my robots,” Choset says.

26. Choset began to build robots in high school.

27. Snake robots could move in only four directions.

28. Choset didn't begin developing his own snake robots until he started working at Carnegie Mellon.

29. Zenati tested the robot on people after using it in pigs.

30. The robotic technology for surgeries on people has brought a handsome profit to Medrobotics.

四、写作(共 20 分)

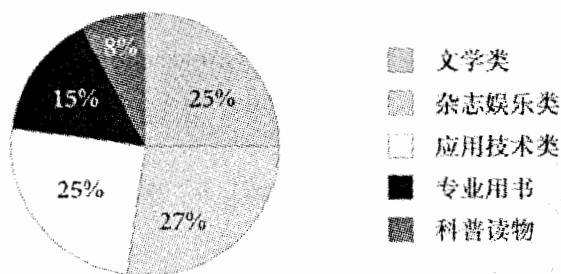
31. 根据要求写作文。

根据提示信息写调查报告。

The chart below illustrates reading preference based on a survey of 200 college students in 2016 in China. Write a survey report based on the given information. Your report should include:

- (1) The subjects and respondents of the investigation.
- (2) Analysis of investigation result.
- (3) Your opinion or suggestions about college students' reading.

课外阅读书籍类型



Words for reference:

娱乐类书籍 books for entertainment

应用技术 applied technology

专业用书 books relevant to their majors; professional books

科普读物 popular science books

试卷代号:1388

国家开放大学(中央广播电视大学)2018年秋季学期“开放本科”期末考试

理工英语 4 试题答案及评分标准

(供参考)

2019年1月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. B 2. B 3. C 4. C 5. B

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. B 8. A 9. A 10. C
11. A 12. B 13. B 14. A 15. C
16. C 17. A 18. C 19. A 20. C

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. C 22. B 23. B 24. C 25. A

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. T 29. F 30. F

四、写作(共20分)

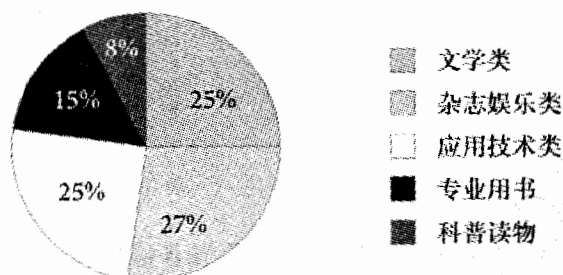
31:根据要求写作文。

根据提示信息写调查报告。

The chart below illustrates reading preference based on a survey of 200 college students in 2016 in China. Write a survey report based on the given information. Your report should include:

- (1) The subjects and respondents of the investigation.
- (2) Analysis of investigation result.
- (3) Your opinion or suggestions about college students' reading.

课外阅读书籍类型



Words for reference:

娱乐类书籍 books for entertainment

应用技术 applied technology

专业用书 books relevant to their majors; professional books

科普读物 popular science books

参考范文:

Recently we have conducted a survey among 200 college students to find out their reading preference. As can be seen in the pie chart, 27% of the surveyed said they spent most of their time reading magazines and books for entertainment. What ranks the second are books of literature and applied technology, and they each account for 25%. The percentage decreases to 15% as to students who prefer to read books relevant to their majors, while only 8% tend to read popular science books during their spare time.

It should be noted that books of literature, applied technology, and entertaining books like magazines are main interests of college students. That's because these kinds of books are fun and easy to read; what's more, they bring students some cutting-edge information regarding books of applied technology. The percentage of students who like to read professional books is relatively lower may be due to the reason that these books are hard to understand and time-consuming.

To sum up, the data reveals a serious problem that college students' reading preference stays at a relatively shallow level since the percentage of reading magazines exceeds that of literature and professional books. We thus suggest that colorful reading activities like recommending great books be carried out to help students develop capabilities of appreciation and criticism.

作文评分标准:

1. 评分原则

(1) 本题总分为 20 分, 按 6 个档次给分。

(2) 评分时, 先根据文章的内容和语言初步确定其所属档次, 然后以该档次的要求来衡量、确定或调整档次, 最后给分。

(3) 评分时应注意的主要内容为: 内容要点、句型变化、词汇运用和语法结构的准确性, 语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时, 如拼写错误较多, 书写较差, 以至影响交际, 将分数降低一个档次。

2. 各档次的给分范围和要求

16—20 分	<ul style="list-style-type: none"> ●完全完成了试题规定的任务; ●覆盖所有内容要点; ●语法结构、句型和词汇有变化; ●语法结构和用词准确。 ●语意连贯、逻辑性强。 ●应用文写作格式规范。
11—15 分	<ul style="list-style-type: none"> ●较好地完成了试题规定的任务; ●覆盖所有内容要点; ●句型和词汇有变化; ●语法结构和词汇基本准确, 些许错误主要是因为尝试较复杂语法结构或词汇所致。 ●语意基本连贯、有一定的逻辑性。 ●应用文写作格式较为规范。
6—10 分	<ul style="list-style-type: none"> ●基本完成了试题规定的任务; ●覆盖所有内容要点; ●运用语法结构和词汇方面能满足任务的基本要求; ●有一些语法结构或词汇方面的错误, 但不影响理解。 ●语意连贯性及逻辑性方面存在一定问题。 ●应用文写作格式基本规范。

试卷代号:1388

国家开放大学2019年春季学期期末统一考试

理工英语 4 试题

2019年7月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

三、用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

四、考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. — Good morning, Jeff. Would you mind going to get me a cup of coffee at the Starbucks?

— _____

- A. Thank you for reminding me.
- B. No problem! You want the usual?
- C. You must be joking.

2. — Do you eat porridge every day?

— _____

- A. Porridge is my favorite.
- B. No, sometimes I'd have a cup of soybean milk and a boiled egg for my breakfast.
- C. I seldom eat fast food because it's rich in fat.

3. — Do you mind my using my mobile phone here?

— _____

- A. Yes, use it please.
- B. No, you can't use it.
- C. No, of course not.

4. — This apple pie is too sweet, don't you think so?

— _____ I think it's just right, actually.

- A. Not really.
- B. I hope so.
- C. Sounds good.

5. — Oh. Dear! I've lost my new watch.

— _____

- A. I'm sad.
- B. That's all right.
- C. What a pity!

二、词汇与结构(共计 30 分,每小题 2 分)

6—20 题:阅读下面的句子,从 A、B、C 三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. I was a little scared that it was my first time that I _____ had my cosmetic surgery.

A. /

B. had

C. was

7. I am really _____ by fresh ingredients, intricate cooking and diverse traditions of Chinese food.

A. fascinated

B. fabricate

C. fancy

8. The box is _____ hold these things.

A. too small not to

B. too small to

C. so small to

9. We trust this new product of ours will _____ to your market.

A. appeal

B. appear

C. appease

10. He remotely controls my mobile phone _____ he can set up it for me.

A. that

B. so that

C. in order to

11. It is known to all that a lot of South Korean _____ accepted plastic surgery.

A. celebrations

B. celebrates

C. celebrities

12. The Cheetah robot made by MIT's scientists can jump over hurdles while _____.

A. be it running

B. running

C. be running

13. I couldn't stand London! Bloody _____ place.

A. splendid

B. awesome

C. awful

14. You can have eggs _____ or hard-boiled.
A. frying B. fried
C. have fried
15. They should never try to pursue profit _____ health and life of people.
A. in terms of B. at sight of
C. at the expense of
16. Some experts think reading is the fundamental skill upon _____ school education depends.
A. it B. whose
C. which
17. The atlas is normally kept by the big window but now it is _____ to the wall right next to Broccoli.
A. struck B. stuck
C. strook
18. No one had enough foresight to _____ the winner.
A. predict B. prevent
C. precise
19. We _____ to deliver the goods within a week.
A. assure B. guarantee
C. guard
20. It is hard for any woman to resist _____ herself more beauty.
A. make B. made
C. making

三、阅读理解(共40分,每小题4分)

21—25 题:阅读下列短文,从 A、B、C 三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

Roby Mini is just 40 centimeters tall, has a large round screen for a head and has been designed to help senior citizens living alone.

Manufactured by robotics company Shanghai PT Info, the brightly colored robot, which

costs 5,000 yuan (\$ 790), was launched on Aug 14 to help entertain and monitor elderly people.

In Shanghai last year, the number of registered residents at least 60 years old was 4 million. That was nearly 30 percent of the population. By 2018, the figure is projected to rise to 5 million.

With many living alone, robots such as Roby Mini can help play a crucial role in caring for the elderly. "It will change the way people interact with digital products," Hong says.

Founded in May, Shanghai PT Info had already done the groundwork. In fact, the research team spent three years developing the speech recognition system before the firm was officially launched.

With 360-degree wheels hidden under its body, Roby Mini can follow a person through face recognition and strike up a conversation, tell jokes or provide information.

The robot also works as a computer terminal, supplying weather information, ordering groceries online and even booking taxis. Roby Mini can be connected to other gadgets as well, such as smart wristbands or magnetic devices on doors.

Roby Mini can also connect an elderly owner to a doctor through its high-definition screen. Already Shanghai PT Info is talking to three community hospitals in Shanghai's Minhang district. Since the robot is linked to the Internet, it can support long-distance audio and video calls.

Mass production started this month and Shanghai PT Info plans to manufacture 200,000 units this year.

But the future is not easy for Shanghai PT Info. Earlier this year, Flyingwings Intelligent Robot Technology (Shanghai) introduced a machine with sensors that will ring an alarm when an elderly person falls down. Tianjin ShangjiuShengyuan Technology Group also developed a robot for seniors in 2014. Owners can turn on the lights and air-conditioning units by pressing buttons on the machine. It can also remind elderly owners to take pills, and inform them of hospital checkups and family birthdays.

21. Roby Mini is the name of _____.

- A. a robotics company
- B. a robot
- C. a senior citizen living alone

22. Roby Mini is designed to _____.
A. help look after children living alone in senior high school
B. help entertain and monitor senior citizens
C. change the way people interact with digital products
23. According to this passage, the number of registered residents at least 60 years old will be _____.
A. 4 million next year
B. 30 percent of the population
C. increase to 5 million by 2018
24. The writer thinks “the future is not easy for Shanghai PT Info” because _____.
A. there are too many elder people in Shanghai
B. the company will face tough competition in the marketplace
C. Roby Mini cannot ring an alarm when an elderly person falls down
25. The best title for this passage would be “_____”.
A. How to Use a Robot
B. Elder People Increase in Shanghai
C. Robot Gives Help to Older People

26—30 题:从 A-E 选项中选出合适的句子填入下面对话,并将答案序号写在答题纸上。

Passage 2

- A. May be they were polluted in your hospital.
B. so I will stop all orders with your company.
C. This is the first time we've received a complaint of this nature.
D. they will be returned to your factory immediately.
E. it's your job to do that, not ours.

Henry: Good afternoon! Lucy, I am telling you something urgent. We have found several cases of golden staph infected in our patients. They were caused by your products.

Lucy: Are you sure? Our bandages are very safe. 26.

Henry: I know that. But only patients who have used your bandages are infected.

Lucy: All of our products were made with the utmost care. 27. And why didn't you put the bandages into the sterilizer before you used them?

Henry: Lucy, 28. I've already asked the hospital to do a re-examination of your supplies right now.

Lucy: Henry, you're making things difficult.

Henry: The safety of our patients is most important, 29.

Lucy: But I have already posted your recent order. They are now on the way.

Henry: Sorry, Lucy. As soon as they arrive, 30.

四、写作(共 20 分)

31: 根据要求写作文。

Write a company profile according to the given information. (根据所给信息写一份公司英文简介)

公司名称: 蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业
- 专注于高端智能手机、移动互联网产品的研发
- 吸纳人才, 注重用户反馈
- 2015 年, 其智能手机销量接近 7000 万部

试卷代号:1388

国家开放大学2019年春季学期期末统一考试

理工英语4 试题答案及评分标准

(供参考)

2019年7月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. B 2. B 3. C 4. A 5. C

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. B 7. A 8. B 9. A 10. B
11. C 12. B 13. C 14. B 15. C
16. C 17. B 18. A 19. B 20. C

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. B 22. B 23. C 24. B 25. C

26—30题:从A-E选项中选出合适的句子填入下面对话,并将答案序号写在答题纸上。

Passage 2

26. C 27. A 28. E 29. B 30. D

四、写作(共20分)

31:根据要求写作文。

Write a company profile according to the given information. (根据所给信息写一份公司英文简介)

公司名称:蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业
- 专注于高端智能手机、移动互联网产品的研发
- 吸纳人才,注重用户反馈
- 2015 年,其智能手机销量接近 7000 万部

参考范文:

Lanmi was founded in April 2012 by a serial entrepreneur, who believes that high-quality technology doesn't need to cost a fortune.

At Lanmi, we've brought together smart people from Google, Kingsoft, Microsoft, Motorola, Yahoo, and other Internet and tech companies from around the world to bring that vision to life.

We create remarkable hardware, software, and Internet services for — and with the help of — our Lan fans. We incorporate their feedback into our product range, which currently includes Lan 4, Lan 3, Lan Pad, Lan Box, Lan TV, Lan 1S and Lan Note, Lan Power Bank and other accessories. We sell direct to customers to keep our prices competitive. And with nearly 70 million handsets sold in China in 2015 and products launched in Taiwan, Hong Kong, Singapore, Malaysia, Philippines, India and Indonesia, we are ready to go global.

作文评分标准:

1. 评分原则

(1) 本题总分为 20 分,按 6 个档次给分。

(2) 评分时,先根据文章的内容和语言初步确定其所属档次,然后以该档次的要求来衡量、确定或调整档次,最后给分。

(3) 评分时应注意的主要内容为:内容要点、句型变化、词汇运用和语法结构的准确性,语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时,如拼写错误较多,书写较差,以至影响交际,将分数降低一个档次。

试卷代号:1388

国家开放大学2019年秋季学期期末统一考试

理工英语 4 试题

2020年1月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

三、用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

四、考试时间为60分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. —Perhaps you have heard our products. Would you like to know something more?

— _____

- A. Sure. Go ahead. B. I don't need anything.
C. I've heard lot about you.

2. — Do you think cosmetic surgery is more popular with women?

— _____

- A. Yes, women are more popular than men.
B. Yes, absolutely. It is because women pay more attention to beauty.
C. No, men are popular than women.

3. —Do you mind my using my mobile phone here?

— _____

- A. Yes, use it please. B. No, of course not.
C. No, you can't use it.

4. —This apple pie is too sweet, don't you think so?

— _____ I think it's just right, actually.

- A. Not really. B. I hope so.
C. Sounds good.

5. —I get at least half an hour of exercise almost every day.

— Oh great! _____

- A. Same to you. B. Cheer up.
C. Keep it up.

二、词汇与结构 (共计 30 分, 每小题 2 分)

6—20 题: 阅读下面的句子, 从 A、B、C 三个选项中选出一个能填入空白处的正确选项, 并将答案序号写在答题纸上。

6. He would much _____ it if you could do him the favor.

- A. award B. apply
C. appreciate

7. I couldn't stand London! Bloody _____ place.
A. splendid
B. awesome
C. awful
8. If you have any _____ news of my husband, please let me know.
A. definite
B. definitely
C. define
9. She is _____ tall as you are.
A. not
B. so
C. as
10. It is hard for any woman to resist _____ herself more beauty.
A. make
B. made
C. making
11. You will get your cosmetic surgery on your nose. Please tell me if you like this medical plan _____.
A. or not
B. also
C. either
12. _____ no modern telecommunications, we would have to wait for weeks to get news from around the world.
A. Were there
B. If there are
C. If there have been
13. It is known to all that a lot of South Korean _____ accepted plastic surgery.
A. celebrations
B. celebrates
C. celebrities
14. Everyone has periods in their lives _____ everything seems so hard.
A. when
B. where
C. which
15. You can have eggs _____ or hard-boiled.
A. frying
B. fried
C. have fried

16. Our part of the mission is nearly complete and the new crew will _____ for us.
A. take over
B. take out
C. take off
17. I think the benefits of opening up space far _____ the damage that we can see.
A. outwit
B. outweigh
C. outwear
18. Some illegal traders care about nothing but _____.
A. to make money
B. making money
C. made money
19. If Gardener _____, who will take care of us?
A. leaves
B. will leave
C. left
20. Everything we do has the potential _____ creating some bad.
A. to
B. in
C. for

三、阅读理解(共 40 分,每小题 4 分)

21—25 题: 阅读下列短文, 从 A、B、C 三个选项中选出一个正确答案, 并将答案序号写在答题纸上。

Passage 1

When computer servers operate a complex program, they can get very hot. Cooling the servers can be costly. So researchers asked what would happen if the heat created by the servers could be captured and used?

Data centers of large Internet companies such as Google and Microsoft have thousands of computer servers. As these servers process information, they create large amounts of heat, so they need huge cooling systems. These systems send the heat into the air.

The Dutch company Nerdalize thinks paying for electricity to operate the servers and then paying again to cool them is a waste of energy. So it developed a device called the e-Radiator. It is a computer server that also works as a heating source. Boaz Leupe is the chief executive officer of Nerdalize. He says the e-Radiator saves money because companies don't have to pay to cool their servers.

“The kilowatt(千瓦)hour you are using is used twice - once to heat the home and once to compute the client’s task without the cooling overhead.” He says five homeowners in the Netherlands are testing the heating device in their homes. “We reimburse the electricity the server uses, and that we can do because of the computer clients on the other side, and, in that way, homeowners actually get heating for free, and computer users don’t have to pay for the overhead of the data center.”

Jan Visser is one of the participants in the year-long experiment. He says the amount of heat produced by the e-Radiator depends on the work being done by the computer server. He says it cannot be used as the primary source of heat. But he is ready to try it.

He says if it provides enough warmth, he will be able to use his home’s heating system less, which will save him money. Nerdalize says e-Radiators create heat temperatures of up to 55°C. It says the devices could save users up to \$440 in heating costs a year.

21. Why did researchers ask what would happen if the heat created by the servers could be captured and used?

- A. Because computers can get very hot.
- B. Computer servers is a complex program.
- C. Cooling computer servers costs a lot of money.

22. The computer servers in large Internet companies such as Google and Microsoft can

_____.

- A. create large amounts of information
- B. create large quantity of heat
- C. manage the huge cooling systems

23. Nerdalize developed the e-Radiator because _____.

- A. e-Radiator cost less energy
- B. e-Radiator can cool the servers for free
- C. e-Radiator can create cold air for free

24. According to Jan Visser, the amount of heat produced by the e-Radiator _____ .

- A. depends on the work being processed by PC
- B. cannot be used as the home's heating system
- C. cannot be used as the main source of heat

25. The best title for this passage would be _____ .

- A. The New Way to Heat Homes
- B. The New Way to Cool Homes
- C. Hot Computers Could Be Used for Free

26—30 题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

Baidu, China's leading search engine company, has unveiled its own eyewear called Baidu Eye. It is said to be a different product from Google Glass in terms of functionality.

The company demonstrated a working prototype on September 3 at its annual Technology Innovation Conference in Beijing. It bears a similarity to Google Glass, but it has no screen. Instead, the device uses a camera to scan objects, and focuses on analyzing information around its user and beaming that to a smartphone.

Baidu says the device is designed to support image search. The company's CEO Robin Li believes in five years' time, people will get used to searching by image and audio rather than text. Li has given an example of how one can take advantage of Baidu Eye, "If you are in a shopping mall and come across a woman whose skirt looks really attractive, you take a photo of her skirt using Baidu Eye, and you'll get to know where to buy one for yourself."

According to Kaiser Kuo, Baidu's director of international communications, Baidu Eye can also recognize voice and gesture, "You can use voice commands, or gesture commands - like expanding to zoom, or circling an object in your field of view with your finger."

Baidu is yet to announce a release date or marketing plans for Baidu Eye.

26. Baidu is China's leading search engine company.

27. Baidu launched a product that has more functions than Google Glass on September 3.

28. Baidu Eye can scan objects with its small screen.

29. The company's CEO Robin Li believes that people will get used to searching by text.

30. Baidu has already announced the release of Baidu Eye.

四、写作(共 20 分)

31. 根据要求写作文。

Write a conference notice according to the following information. (请根据以下信息写一则会议通知)

Title of the meeting: The 5th International Conference on 3D Images

- Participants: researchers and purchasers from academy and industry
- Purpose: offering invaluable occasions to exchange research achievements, purchase needed commodities and share thoughts related to 3D images

- Exhibits: products related to 3D images
- Time: March 8th, 2018
- Place: Heping Hotel, Shanghai, China
- Designation: The Preparatory Committee

试卷代号:1388

国家开放大学2019年秋季学期期末统一考试

理工英语4 试题答案及评分标准

(供参考)

2020年1月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. A 2. B 3. B 4. A 5. C

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. C 8. A 9. C 10. C
11. A 12. A 13. C 14. A 15. B
16. A 17. B 18. B 19. A 20. C

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. C 22. B 23. B 24. C 25. A

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. F 29. F 30. F

四、写作(共20分)

31. 根据要求写作文。

Write a conference notice according to the following information. (根据以下信息写一则会议通知)

Title of the meeting: The 5th International Conference on 3D Images

- Participants: researchers and purchasers from academy and industry
- Purpose: offering invaluable occasions to exchange research achievements, purchase needed commodities and share thoughts related to 3D images
- Exhibits: products related to 3D images
- Time: March 8th, 2018
- Place: Heping Hotel, Shanghai, China
- Designation: The Preparatory Committee

参考范文

Conference Notice

Date: December 2, 2017

Time: March 8th, 2018

Place: Heping Hotel, Shanghai, China

Notice is hereby issued that the 5th International Conference on 3 D Images will be held in Heping Hotel, Shanghai, China, on March 8th, 2018. Products related to 3D images are going to be exhibited in this conference.

The purpose of this meeting is to provide an opportunity for researchers and purchasers to exchange research achievements, purchase needed commodities and share thoughts related to 3 D images.

The Preparatory Committee

作文评分标准:

1. 评分原则

(1) 本题总分为 20 分, 按 6 个档次给分。

(2) 评分时, 先根据文章的内容和语言初步确定其所属档次, 然后以该档次的要求来衡量、确定或调整档次, 最后给分。

(3) 评分时应注意的主要内容为: 内容要点、句型变化、词汇运用和语法结构的准确性, 语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时, 如拼写错误较多, 书写较差, 以至影响交际, 将分数降低一个档次。

试卷代号:1388

国家开放大学2020年春季学期期末统一考试

理工英语 4 试题

2020年7月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

三、用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

四、考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. — Good morning, Jeff. Would you mind going to get me a cup of coffee at the Starbucks?

— _____

- A. Thank you for reminding me.
- B. No problem! You want the usual?
- C. You must be joking.

2. — I'm leaving for Shanghai tomorrow.

— _____

- A. Bring me a present.
- B. Have a pleasant trip!
- C. Let's go out for a drink.

3. — Jeff, I'd appreciate it if you could help me with the opening speech I'm giving next week.

— _____, but I'll have some time between five and six p.m.

- A. Don't mention it
- B. Yes, it's so quiet as we expected
- C. Well, it's pretty busy this morning

4. — Do you eat porridge every day?

— _____

- A. Porridge is my favorite.
- B. No, sometimes I'd have a boiled egg.
- C. I seldom eat fast food because it's rich in fat.

5. — How do you like Anne Hathaway?

— _____

- A. She is amazing.
- B. She is an American actress.
- C. She's already married.

二、词汇与结构 (共计 30 分, 每小题 2 分)

6—20 题: 阅读下面的句子, 从 A、B、C 三个选项中选出一个能填入空白处的正确选项, 并将答案序号写在答题纸上。

6. _____, he knows a lot about computer.

- A. As he is a child
- B. Child as is he
- C. Child as he is

7. Spaceships are stocked with a variety of _____ foods.
A. instant
B. initial
C. instinct
8. I am really _____ by fresh ingredients, intricate cooking and diverse traditions of Chinese food.
A. fascinated
B. fabricate
C. fancy
9. It is _____ an interesting story that I want to read it again.
A. so
B. such
C. many
10. Combining carbon and super-capacitors _____ a perfect marriage.
A. seems like
B. see like
C. really like
11. _____ people are no longer worried about whether their food is safe or not can they enjoy a better life.
A. Only if
B. If only
C. What if
12. You will quickly get used to _____ this new digital camera.
A. use
B. using
C. be ran
13. We trust this new product of ours will _____ to your market.
A. appeal
B. appear
C. appease
14. This, they argue, will be essential to _____ the needs of a booming population in decades to come and avoiding starvation.
A. meet
B. meeting
C. met
15. The reason why he didn't come to school was _____ he was ill.
A. because
B. why
C. that
16. I accepted my nose surgery, the _____ and patient doctor was really helpful during my recovery period.
A. graceful
B. greedy
C. gracious

17. By no means _____ ready to quit her study.

A. will she

B. she will

C. is she

18. We'll never forget _____ in New York last year.

A. a few friends meeting

B. our meeting a few friends

C. a few friends to meet

19. It is difficult for her to make the final decision now, _____ she is in a delicate situation.

A. if

B. unless

C. since

20. Helen is fond of light music, _____ her brother is keen on rock and roll.

A. when

B. and

C. while

三、阅读理解(共 40 分,每小题 4 分)

21—25 题:阅读下列短文,从 A、B、C 三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

Roby Mini is just 40 centimeters tall, has a large round screen for a head and has been designed to help senior citizens living alone.

Manufactured by robotics company Shanghai PT Info, the brightly colored robot, which costs 5,000 yuan (\$ 790), was launched on Aug 14 to help entertain and monitor elderly people.

In Shanghai last year, the number of registered residents at least 60 years old was 4 million. That was nearly 30 percent of the population. By 2018, the figure is projected to rise to 5 million. With many living alone, robots such as Roby Mini can help play a crucial role in caring for the elderly. "It will change the way people interact with digital products," Hong says.

Founded in May, Shanghai PT Info had already done the groundwork. In fact, the research team spent three years developing the speech recognition system before the firm was officially launched.

With 360-degree wheels hidden under its body, Roby Mini can follow a person through face recognition and strike up a conversation, tell jokes or provide information.

The robot also works as a computer terminal, supplying weather information, ordering groceries online and even booking taxis. Roby Mini can be connected to other gadgets as well, such as smart wristbands or magnetic devices on doors.

Roby Mini can also connect an elderly owner to a doctor through its high-definition screen. Already Shanghai PT Info is talking to three community hospitals in Shanghai's Minhang district. Since the robot is linked to the Internet, it can support long-distance audio and video calls.

Mass production started this month and Shanghai PT Info plans to manufacture 200,000 units this year.

But the future is not easy for Shanghai PT Info. Earlier this year, Flyingwings Intelligent Robot Technology (Shanghai) introduced a machine with sensors that will ring an alarm when an elderly person falls down. Tianjin ShangjiuShengyuan Technology Group also developed a robot for seniors in 2014. Owners can turn on the lights and air-conditioning units by pressing buttons on the machine. It can also remind elderly owners to take pills, and inform them of hospital checkups and family birthdays.

21. Roby Mini is the name of _____.
A. a robotics company
B. a robot
C. a senior citizen living alone
22. Roby Mini is designed to _____.
A. help look after children living alone in senior high school
B. help entertain and monitor senior citizens
C. change the way people interact with digital products
23. According to this passage, the number of registered residents at least 60 years old will be _____.
A. 4 million next year
B. 30 percent of the population
C. increase to 5 million by 2018
24. The writer thinks "the future is not easy for Shanghai PT Info" because _____.
A. there are too many elder people in Shanghai
B. Roby Mini cannot ring an alarm when an elderly person falls down.
C. the company will face tough competition in the marketplace

25. The best title for this passage would be “_____”.

A. How to Use a Robot

B. Elder People Increase in Shanghai

C. Robot Gives Help to Older People

26—30 题: 请根据短文内容判断给出的语句是否正确, 正确的写“T”, 错误的写“F”, 并将答案写在答题纸上。

Passage 2

Here's a crazy idea: Combine bioprinting and tissue engineering to “print” animal products and tackle some of the planet's biggest problems. Animal farming, after all, accounts for about half of all human-caused greenhouse gases, taking place on one-third of the available, non-frozen land on Earth. All to feed people's appetites for 300 million tons of meat a year.

Modern Meadow is a Missouri-based startup that engineers tissues to create lab-grown edible meat, in a process that eliminates many of the negative environment effects associated with traditional livestock practices.

The company claims that by carefully layering mixtures of cells of different types in a specific structure, in-vitro meat production becomes feasible. It's set a short-term goal of printing a sliver of meat around two centimeters by one centimeter, and less than half a millimeter thick, which is edible.

The company explains in a submission to the United States Department of Agriculture: “The technology has several advantages in comparison to earlier attempts to engineer meat in vitro. The bio-ink particles can be reproducibly prepared with mixtures of cells of different type. Printing ensures consistent shape, while post-printing structure formation and maturation in the bioreactor facilitates conditioning.”

However, it admits that the road ahead is strewn with difficulties. “The consumer acceptance of such products may not be without challenges. We expect it will first appeal to culinary early-adopter consumers and the segment of the vegetarian community that rejects meat for ethical reasons. With reduction in price, it can reach the masses with religious restrictions on meat consumption (people restricted to Hindu, Kosher, Halal diets) and finally populations with limited access to safe meat production.”

Whatever the final outcome, lab-grown edible meat is no longer in the realm of science fiction. It is coming.

26. Animal farming is responsible for the occurrence of greenhouse gases.

27. Modern Meadow is a newly-started business which aims to make profits by producing lab-grown edible meat.

28. The method Modern Meadow adopted to produce in-vitro meat is by layering mixtures of cells of different types in a specific structure.

29. There is no meat engineered outside living bodies before.

30. This lab-grown meat has already widely received by the masses.

四、写作(共 20 分)

31. 根据要求写作文。

Please write a product description according to the given information. 请根据下列信息写一个产品介绍。

产品名称：扫地机器人

型号：Roomba 790

基本功能：高度智能和自动化的扫地机器人。通过多个感应器和多种行动模式清洁房间。

特点：(1)高能效。160 分钟持续工作时间，是同类产品的 2 倍。

(2)超薄轻巧。重 2.5 千克，高度 8.9 厘米。

(3)独特门槛攀爬模式。同类产品最多能越过 10 厘米高的障碍，本产品能越过 20 厘米高的障碍。

Words for reference:

扫地机器人 Robotic Cleaner

自动地 automatically

多个的 multiple

门槛 threshold

能量 energy efficiency

工作时间 operating time

试卷代号:1388

国家开放大学2020年春季学期期末统一考试

理工英语4 试题答案及评分标准

(供参考)

2020年7月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. B 2. B 3. C 4. B 5. A

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. A 8. A 9. B 10. A
11. A 12. B 13. A 14. B 15. C
16. C 17. C 18. B 19. C 20. C

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. B 22. B 23. C 24. C 25. C

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. T 29. F 30. F

四、写作(共20分)

31. 根据要求写作文。

Please write a product description according to the given information. 请根据下列信息写一个产品介绍。

产品名称:扫地机器人

型号：Roomba 790

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(2)超薄轻巧。重 2.5 千克，高度 8.9 厘米。

(3)独特门槛攀爬模式。同类产品最多能越过 10 厘米高的障碍，本产品能越过 20 厘米高的障碍。

Words for reference:

扫地机器人 Robotic Cleaner

自动地 automatically

多个的 multiple

门槛 threshold

能量 energy efficiency

工作时间 operating time

参考范文：

Robotic Cleaner Roomba 790

Robotic Cleaner Roomba 790 saves your time and effort. It will clean your home automatically and intelligently with multiple sensors and dozens of behaviors.

Features:

High energy efficiency. With an operating time of 160 minutes that is twice as long as its competitors.

Light and slim. It is ultra light (2.5kg) and slim (height of 8.9cm). So it is easy to carry and it can lean almost beneath anything in your home or office.

Threshold climbing. The most important function is that Roomba 790 offers enhanced threshold climbing compared to other robotic vacuum models. Similar products have a 10 mm climb threshold, Roomba 790 detects up to a 20 mm climb — the highest level for a robotic cleaner.

Get Roomba 790, get beautiful vacuumed floors every day, the easy way.

作文评分标准：

1. 评分原则

(1) 本题总分为 20 分，按 6 个档次给分。

(2) 评分时，先根据文章的内容和语言初步确定其所属档次，然后以该档次的要求来衡量、确定或调整档次，最后给分。

(3) 评分时应注意的主要内容为：内容要点、句型变化、词汇运用和语法结构的准确性，语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时，如拼写错误较多，书写较差，以至影响交际，将分数降低一个档次。

试卷代号:1388

国家开放大学2020年春季学期期末统一考试

理工英语 4 试题

2020年9月

注 意 事 项

一、将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

二、仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

三、用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

四、考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. —I wonder if I could use your tablet tonight?
—_____ I'm not using it right now.
A. It doesn't matter. B. No, thank you.
C. Sure, here you are.
2. —_____
—Can you tell me something about your new product?
A. What do you do, sir? B. What do you want to buy?
C. Can I help you, sir?
3. —You know a good schedule brings efficiency to the work.
—_____
A. Not at all. I enjoyed it. B. I see your point.
C. I think it's a bad idea.
4. —Thank you so much for the Apple Watch you sent me.
—_____
A. No thanks. B. I'm glad you like it.
C. Please don't say so.
5. —Do you prefer a portable or a clumsy 3D printer?
—_____
A. No, a portable 3D printer is more useful.
B. Yes, I would not have a clumsy one.
C. I prefer a portable one to a clumsy one.

二、词汇与结构 (共计 30 分, 每小题 2 分)

6—20 题: 阅读下面的句子, 从 A、B、C 三个选项中选出一个能填入空白处的正确选项, 并将答案序号写在答题纸上。

6. You _____ the *Inception*, since I remember once you discussed its main plot with Cathy.
A. could have watched B. should have watched
C. must have watched
7. When we were students we _____ often stay up all night.
A. will B. would
C. should
8. Someone invented the 3D printer many years ago, _____ I don't remember who.
A. so B. but
C. only

9. They are trying to make a new product—the world's smallest _____ robot.
A. hammer
B. humane
C. humanoid
10. The scientist spoke confidently, _____ impressed me most.
A. that
B. so that
C. which
11. The Cheetah robot made by MIT's scientists can jump over hurdles while _____.
A. it running
B. running
C. be ran
12. What's _____ issue here is the difference between cosmetic and plastic surgery.
A. at
B. on
C. in
13. Although plastic surgery is created to improve the looks of a person, there are a certain percentage of _____.
A. effect
B. results
C. consequences
14. _____ the new law is used one day, I hope it will not punish people using 3D printers for personal purposes.
A. When
B. Why
C. If
15. She's been interested in computer science _____ she was eight.
A. before
B. since
C. while
16. He is still a _____ in handling such things.
A. green hand
B. visitor
C. adult
17. Between 1975 and 1996, the number of overseas visitors expanded _____ 27% on average each year.
A. in
B. by
C. for
18. So little _____ about chemistry that the lecture was completely beyond me.
A. did I know
B. I knew
C. do I know

- ### 三、阅读理解(共 40 分,每小题 4 分)

Passage 1

Advantages of Genetically Modified Foods

- ### Disadvantages of Genetically Modified Foods

- 1094

• Since it is an unnatural way of producing foods, there is an increased health hazard such as allergens, transfer of antibiotic resistance markers and unknown effects.

• Since the production of engineered food involves infusing animal genes in the crops and tampering with nature, it might not be good for consumption in the long run.

21. How does genetically modified food control the occurrence of certain diseases?

A. By cross-pollinating.

B. By conventional crossbreeding.

C. By altering the DNA system of these foods.

22. Do farmers need to buy any chemicals and pesticides if they plant genetically modified food?

A. Yes, they need to. Because the food is not resist to pests.

B. No, they don't need to. Because the food is naturally pest-resistant.

C. No, they don't need to. Because the chemicals and pesticides are provided by the government.

23. Which statement is not the advantage of genetically modified food?

A. It may have harmful effects on human body.

B. Genetically modified food grows faster than their traditionally grown counterparts.

C. Farming genetically modified food can help fight world hunger.

24. What would happen to a person if he regularly consume genetically modified food?

A. He would get cold.

B. He would lose some weight.

C. He would have cancer.

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

A. Can Genetically Modified Foods Combat World Hunger?

B. Genetically Modified Mood: Our Answer Is No.

C. Genetically Modified Foods: Pros And Cons

26—30 题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

Engineers who build and program robots have fascinating jobs. These researchers tinker (修补) with machines in the lab and write computer software to control these devices. “They’re the best toys out there,” says Howle Choset at Carnegie Mellon University in Pittsburgh. Choset is a roboticist, a person who designs, builds or programs robots.

When Choset was a kid, he was interested in anything that moved-cars, trains, animals. He put motors on Tinkertoy cars to make them move. Later, in high school, he built mobile robots similar to small cars.

Hoping to continue working on robots, he studied computer science in college. But when he got to graduate school at the California Institute of Technology in Pasadena, Choset's labmates were working on something even cooler than remotely controlled cars: robotic snakes. Some robots can move only forward, backward, left and right. But snakes can twist (扭曲) in many directions and travel over a lot of different types of terrain (地形). "Snakes are far more interesting than the cars," Choset concluded.

After he started working at Carnegie Mellon, Choset and his colleagues there began developing their own snake robots. Choset's team programmed robots to perform the same movements as real snakes, such as sliding and inching forward. The robots also moved in ways that snakes usually don't, such as rolling.

Choset's snake robots could crawl (爬行) through the grass, swim in a pond and even climb a flagpole.

But Choset wondered if his snakes might be useful for medicine as well. For some heart surgeries, the doctor has to open a patient's chest, cutting through the breastbone. Recovering from these surgeries can be very painful. What if the doctor could perform the operation by instead making a small hole in the body and sending in a thin robotic snake?

Choset teamed up with Marco Zenati, a heart surgeon now at Harvard Medical School, to investigate the idea. Zenati practiced using the robot on a plastic model of the chest and they tested the robot in pigs.

A company called Medrobotics in Boston is now adapting the technology to surgeries on people.

Even after 15 years of working with his team's creations, "I still don't get bored of watching the motion of my robots," Choset says.

26. Choset began to build robots in high school.

27. Snake robots could move in only four directions.

28. Choset didn't begin developing his own snake robots until he started working at Carnegie Mellon.

29. Zenati tested the robot on people after using it in pigs.

30. The robotic technology for surgeries on people has brought a handsome profit to Medrobotics.

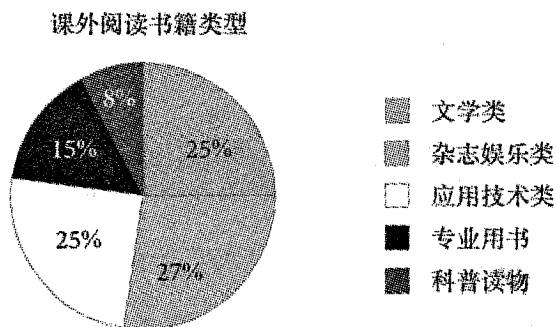
四、写作(共 20 分)

31. 根据要求写作文。

请根据提示信息写调查报告。

The chart below illustrates reading preference based on a survey of 200 college students in 2016 in China. Write a survey report based on the given information. Your report should include:

- (1) The subjects and respondents of the investigation.
- (2) Analysis of investigation result.
- (3) Your opinion or suggestions about college students' reading.



Words for reference:

娱乐类书籍 books for entertainment

应用技术 applied technology

专业用书 books relevant to their majors; professional books

科普读物 popular science books

试卷代号:1388

国家开放大学2020年春季学期期末统一考试

理工英语4 试题答案及评分标准

(供参考)

2020年9月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. C 2. C 3. B 4. B 5. C

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. C 7. B 8. B 9. C 10. C
11. B 12. A 13. C 14. C 15. B
16. A 17. B 18. A 19. B 20. C

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. C 22. B 23. A 24. C 25. C

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. T 29. F 30. F

四、写作(共20分)

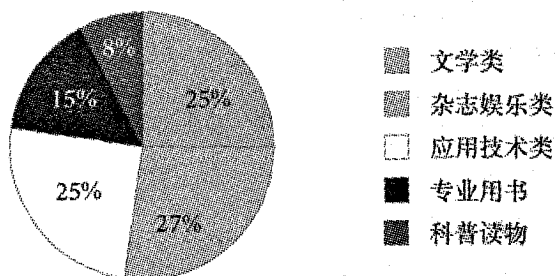
31. 根据要求写作文。

请根据提示信息写调查报告。

The chart below illustrates reading preference based on a survey of 200 college students in 2016 in China. Write a survey report based on the given information. Your report should include:

- (1) The subjects and respondents of the investigation.
- (2) Analysis of investigation result.
- (3) Your opinion or suggestions about college students' reading.

课外阅读书籍类型



Words for reference:

娱乐类书籍 books for entertainment

应用技术 applied technology

专业用书 books relevant to their majors; professional books

科普读物 popular science books

参考范文:

Recently we have conducted a survey among 200 college students to find out their reading preference. As can be seen in the pie chart, 27 % of the surveyed said they spent most of their time reading magazines and books for entertainment. What ranks the second are books of literature and applied technology, and they each account for 25 %. The percentage decreases to 15 % as to students who prefer to read books relevant to their majors, while only 8 % tend to read popular science books during their spare time.

It should be noted that books of literature, applied technology, and entertaining books like magazines are main interests of college students. That ' s because these kinds of books are fun and easy to read; what ' s more, they bring students some cutting-edge information regarding books of applied technology. The percentage of students who like to read professional books is relatively lower may be due to the reason that these books are hard to understand and time-consuming.

To sum up, the data reveals a serious problem that college students ' reading preference stays at a relatively shallow level since the percentage of reading magazines exceeds that of literature and professional books. We thus suggest that colorful reading activities like recommending great books be carried out to help students develop capabilities of appreciation and criticism.

作文评分标准:

1. 评分原则

(1) 本题总分为 20 分, 按 6 个档次给分。

(2) 评分时, 先根据文章的内容和语言初步确定其所属档次, 然后以该档次的要求来衡量、确定或调整档次, 最后给分。

(3) 评分时应注意的主要内容为: 内容要点、句型变化、词汇运用和语法结构的准确性, 语意的连贯性、逻辑性以及应用文的格式要求。

(4) 评分时, 如拼写错误较多, 书写较差, 以至影响交际, 将分数降低一个档次。

试卷代号:1388

国家开放大学2020年秋季学期期末统一考试

理工英语 4 试题

2021年1月

注 意 事 项

1. 将你的学号、姓名及分校(工作站)名称填写在答题纸的规定栏内。考试结束后,把试卷和答题纸放在桌上。试卷和答题纸均不得带出考场。监考人收完考卷和答题纸后才可离开考场。

2. 仔细读懂题目的说明,并按题目要求答题。答案一定要写在答题纸的指定位置上,写在试卷上的答案无效。

3. 用蓝、黑圆珠笔或钢笔答题,使用铅笔答题无效。

4. 考试时间为 60 分钟。

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. —What would you like to have for breakfast?

—_____ Would you like to have a taste?

- A. Twisted cruller, I bought it this morning.
- B. I already had my breakfast.
- C. Breakfast is the most important meal of the day.

2. —_____

— Can you tell me something about your new product?

- A. What do you do, sir?
- B. what do you want to buy?
- C. Can I help you, sir?

3. — What do you want to be?

— _____

- A. I want to have a cup of coffee.
- B. I want to be honest.
- C. I would study computer science than dancer.

4. — What advice would you give to a friend who wants cosmetic surgery?

— _____

- A. I would advise them not to have that surgery, because they are very well.
- B. I would tell them that there are many risks and much cost of that surgery.
- C. I have nothing to give to my friends.

5. —Thank you ever so much for the Apple Watch you sent me.

— _____

- A. No thanks.
- B. I'm glad you like it.
- C. Please don't say so.

二、词汇与结构(共计 30 分,每小题 2 分)

6—20 题:阅读下面的句子,从 A、B、C 三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. Considering the needs of the new generation, we propose the concept of the _____ network.

A. wearing

B. wearable

C. worn

7. Everything we do has the potential _____ creating some bad.

A. to

B. in

C. for

8. It is _____ an interesting story that I want to read it again.

A. so

B. such

C. many

9. This, they argue, will be essential to _____ the needs of a booming population in decades to come and avoiding starvation.

A. meet

B. meeting

C. met

10. He would much _____ it if you could do him the favor.

A. award

B. apply

C. appreciate

11. _____ by the promise of these tiny tubes, people are already working to turn the Space Elevator into a reality.

A. To fuel

B. Fueled

C. Fueling

12. Absolutely, that movie _____ and I must admit that its director is brilliant.

A. held my breath

B. caught my breath

C. took my breath away

三、阅读理解(共 40 分,每小题 4 分)

21—25 题:阅读下列短文,从 A、B、C 三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

My hero is a person who has given me so many things, who has taught me about everything, and who has shown me how beautiful life is. And gradually as I get older and I grow up, my hero has opened my eyes to the fact that life is not always beautiful and happy like a fairytale, but life is much more than that. My hero has explained to me that life can be very hard. Everyone must struggle hard to make all their dreams come true and to be a successful person.

Maybe, because my hero lives so close to me, I haven't realized that this person has inspired me so much. My only true hero is my mother. She was born in Jakarta, on the 1st of July. My mother is the youngest child in her family. She has two sisters, who always love and take care of her. Maybe, because of that, she becomes a cheerful, kind, friendly, and loveable person. She wants everybody to feel comfortable when they are around her.

My mother likes to study and to read everything, from books to newspapers. Everyone really likes to talk and chat with her, so she has many friends. My mother believes all you need is to be a hard-working person who always wants to study hard, so that you can be a successful person. She says that many people around her have succeeded because they have studied and worked hard.

21. If a person wants to succeed in his life, he _____.

- A. should listen to a fairytale every day
- B. must dream a good dream every day
- C. has to work hard all his life

22. The underlined word "inspired" (Paragraph 2) may have the same meaning as " ".

- A. encouraged
- B. showed
- C. cared

23. The writer's mother becomes a loveable person because _____.

- A. she is the youngest in the family
- B. her two sisters love her very much
- C. she feels comfortable in her family

24. From the third paragraph, We can infer (推测) the writer _____.

- A. is a friendly person like his mother
- B. has many friends to talk with
- C. knows the meaning of success

25. Which of the following is the best title for the reading?

- A. How to Study Well?
- B. What a Beautiful Life!
- C. My Mother, My Hero.

26—30 题: 请根据短文内容判断给出的语句是否正确, 正确的写“T”, 错误的写“F”, 并将答案写在答题纸上。

Passage 2

Baidu, China's leading search engine company, has unveiled its own eyewear called Baidu Eye. It is said to be a different product from Google Glass in terms of functionality.

The company demonstrated a working prototype on September 3 at its annual Technology Innovation Conference in Beijing. It bears a similarity to Google Glass, but it has no screen. Instead, the device uses a camera to scan objects, and focuses on analyzing information around its user and beaming that to a smartphone.

Baidu says the device is designed to support image search. The company's CEO Robin Li believes in five years' time, people will get used to searching by image and audio rather than text. Li has given an example of how one can take advantage of Baidu Eye, "If you are in a shopping mall and come across a woman whose skirt looks really attractive, you take a photo of her skirt using Baidu Eye, and you'll get to know where to buy one for yourself."

According to Kaiser Kuo, Baidu's director of international communications, Baidu Eye can also recognize voice and gesture, "You can use voice commands, or gesture commands-like

expanding to zoom, or circling an object in your field of view with your finger.”

Baidu is yet to announce a release date or marketing plans for Baidu Eye.

26. Baidu is China's leading search engine company.

27. Baidu launched a product that has more functions than Google Glass on September 3.

28. Baidu Eye can scan objects with its small screen.

29. The company's CEO Robin Li believes that people will get used to searching by text.

30. Baidu has already announced the release of Baidu Eye.

四、写作(共 20 分)

31: 根据要求完成作文。

Write a company profile according to the given information(根据所给信息写一份公司简介).

公司名称: 蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业。
- 专注于高端智能手机、移动互联网产品的研发。
- 吸纳人才, 注重用户反馈。
- 2015 年, 其智能手机销量接近 7000 万部。

试卷代号:1388

座位号

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国家开放大学2020年秋季学期期末统一考试

理工英语 4 试题答题纸

2021 年 1 月

题 号	一	二	三	四	总 分
分 数					

得 分	评卷人

一、交际用语 (共计 10 分, 每小题 2 分)

1—5 题: 选择正确的语句完成下面对话, 并将答案序号写在答题纸上。

1. 2. 3. 4. 5.

得 分	评卷人

二、词汇与结构 (共计 30 分, 每小题 2 分)

6—20 题: 阅读下面的句子, 从 A、B、C 三个选项中选出一个能填入空白处的正确选项, 并将答案序号写在答题纸上。

6. 7. 8. 9. 10.
11. 12. 13. 14. 15.
16. 17. 18. 19. 20.

得 分	评卷人

三、阅读理解 (共 40 分, 每小题 4 分)

21—25 题: 阅读下列短文, 从 A、B、C 三个选项中选出一个正确答案, 并将答案序号写在答题纸上。

Passage 1

21. 22. 23. 24. 25.

26—30 题: 请根据短文内容判断给出的语句是否正确, 正确的写“T”, 错误的写“F”, 并将答案写在答题纸上。

Passage 2

26. 27. 28. 29. 30.

得 分	评卷人

四、写作(共 20 分)

31: 根据要求写作文。

Write a company profile according to the given information(根据所给信息写一份公司简介).

公司名称: 蓝米公司

- 成立于 2012 年 4 月的一家移动互联网企业。
- 专注于高端智能手机、移动互联网产品的研发。
- 吸纳人才, 注重用户反馈。
- 2015 年, 其智能手机销量接近 7000 万部。

试卷代号:1388

国家开放大学2020年秋季学期期末统一考试

理工英语4 试题答案及评分标准

(供参考)

2021年1月

一、交际用语(共计10分,每小题2分)

1—5题:选择正确的语句完成下面对话,并将答案序号写在答题纸上。

1. A 2. C 3. C 4. B 5. B

二、词汇与结构(共计30分,每小题2分)

6—20题:阅读下面的句子,从A、B、C三个选项中选出一个能填入空白处的正确选项,并将答案序号写在答题纸上。

6. B 7. C 8. B 9. B 10. C
11. B 12. C 13. A 14. A 15. C
16. B 17. C 18. C 19. A 20. A

三、阅读理解(共40分,每小题4分)

21—25题:阅读下列短文,从A、B、C三个选项中选出一个正确答案,并将答案序号写在答题纸上。

Passage 1

21. C 22. A 23. B 24. C 25. C

26—30题:请根据短文内容判断给出的语句是否正确,正确的写“T”,错误的写“F”,并将答案写在答题纸上。

Passage 2

26. T 27. F 28. F 29. F 30. F

四、写作(共20分)

31:根据要求写作文。

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- 成立于 2012 年 4 月的一家移动互联网企业。
- 专注于高端智能手机、移动互联网产品的研发。
- 吸纳人才,注重用户反馈。
- 2015 年,其智能手机销量接近 7000 万部。

参考范文

Lanmi was founded in 2012 by a serial entrepreneur, who believes that high-quality technology doesn't need to cost a fortune.

At Lanmi, we've brought together smart people from Google, Kingsoft, Microsoft, Motorola, Yahoo, and other Internet and tech companies from around the world to bring that vision to life.

We create remarkable hardware, software, and Internet services for — and with the help of — our Lan fans. We incorporate their feedback into our product range, which currently includes Lan 4, Lan 3, Lan Pad, Lan Box, Lan TV, Lan 1S and Lan Note, Lan Power Bank and other accessories. We sell direct to customers to keep our prices competitive. And with nearly 70 million handsets sold in China in 2015 and products launched in Taiwan, Hong Kong, Singapore, Malaysia, Philippines, India and Indonesia, we are ready to go global.

作文评分标准:

(1)评分原则

①本题总分为 20 分,按 6 个档次给分。

② 评分时,先根据文章的内容和语言初步确定其所属档次,然后以该档次的要求来衡量、确定或调整档次,最后给分。

③评分时应注意的主要内容为:内容要点、句型变化、词汇运用和语法结构的准确性,语意的连贯性、逻辑性以及应用文的格式要求。

④评分时,如拼写错误较多,书写较差,以至影响交际,将分数降低一个档次。

(2)各档次的给分范围和要求

16—20 分	<ul style="list-style-type: none"> ●完全完成了试题规定的任务； ●覆盖所有内容要点； ●语法结构、句型和词汇有变化； ●语法结构和用词准确。 ●语意连贯、逻辑性强。 ●应用文写作格式规范。
11—15 分	<ul style="list-style-type: none"> ●较好地完成了试题规定的任务； ●覆盖所有内容要点； ●句型和词汇有变化； ●语法结构和词汇基本准确,些许错误主要是因为尝试较复杂语法结构或词汇所致。 ●语意基本连贯、有一定的逻辑性。 ●应用文写作格式较为规范。
6—10 分	<ul style="list-style-type: none"> ●基本完成了试题规定的任务； ●覆盖所有内容要点； ●运用语法结构和词汇方面能满足任务的基本要求； ●有一些语法结构或词汇方面的错误,但不影响理解。 ●语意连贯性及逻辑性方面存在一定问题。 ●应用文写作格式基本规范。
3—5 分	<ul style="list-style-type: none"> ●虽尽力但不足以完成试题规定的任务； ●仅覆盖部分主要内容,或写了一些无关内容； ●语法结构和词汇运用能力很弱； ●有许多语法结构或词汇方面的错误,影响了对写作内容的理解。 ●语意不连贯,逻辑性方面问题较大。 ●应用文写作格式不规范。
1—2 分	<ul style="list-style-type: none"> ●未完成试题规定的任务； ●句子不完整或无法理解； ●语法结构或词汇方面错误连篇,影响对写作内容的理解;语言运用能力差。 ●语意不清,毫无逻辑。 ●应用文写作格式不规范。
0 分	<ul style="list-style-type: none"> ●未答题,或虽作答但不知所云。