

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

座位号

国家开放大学2020年春季学期期末统一考试

理工英语4 试题答题纸

2020年7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

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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)

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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。

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。