**话题十八** **科技发展与信息技术创新（一）**

**第一部分 话题词汇积累**

**单词&短语**

1.register v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.computer n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. release vt.&n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.resemble v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. resident n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.restore vt.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7.restrict vt.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8.resume n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9.reveal vt.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10.rewind v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11.ridiculous adj.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. device n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. rough adj.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. salute v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15.rival n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. ripe adj.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. sample n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18.communication n.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19.reject v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20.sacrifice n.&v.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21.\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.重新开始；使续期；使更新

\_\_\_\_\_\_\_\_\_\_\_\_\_\_adj.可再生的；可更新的

22.\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.后悔；抱歉

23.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.规则；规章；管理；控制

24.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.亲戚adj.相对的；比较的

25.\_\_\_\_\_\_\_\_\_\_\_\_\_\_adj.可信赖的；可靠的；真实可信的

26.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.&v.营救；援救；抢救

27.\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.辞去；放弃；屈从；勉强接受

28.\_\_\_\_\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.复习

29.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.骑车/马

30.\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_--\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.铃响；打电话给

31.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.垃圾；废话；劣质物品

32.\_\_\_\_\_\_\_\_\_\_\_\_\_\_adj.农村的，乡下的；有乡村特色的

33.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.安全；安全性；安全场所

34.\_\_\_\_\_\_\_\_\_\_\_\_\_\_v.保留；预定；拥有

35.\_\_\_\_\_\_\_\_\_\_\_\_\_\_adj.遥远的；关系远的；偏僻的

36.\_\_\_\_\_\_\_\_\_\_\_\_\_\_adj.代表n.典型的；有代表性的

37.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.名誉；名声

38.\_\_\_\_\_\_\_\_\_\_\_\_\_\_n.政策；方针

39.摆脱；除去\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

40.与……有关\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

41.文化遗产\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

42.令某人宽慰的是\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

43.自然资源\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

44.对……负责\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

45.result from\_\_\_\_\_\_\_\_\_\_\_\_\_\_

result in\_\_\_\_\_\_\_\_\_\_\_\_\_\_

46.作为·…的回报\_\_\_\_\_\_\_\_\_\_\_\_\_\_

47. remain to be done\_\_\_\_\_\_\_\_\_\_\_\_\_\_

48.提醒某人某事\_\_\_\_\_\_\_\_\_\_\_\_\_\_

49.在修理中\_\_\_\_\_\_\_\_\_\_\_\_\_\_

50.用……替换\_\_\_\_\_\_\_\_\_\_\_\_\_\_

51.in reply to/in response to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

52.冒险做某事\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

53.抢走某人某物\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

54.对某人无礼\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

55.成为废墟\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

56.用尽，耗完\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

57.从长远来看\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

58.为了……的利益\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

59.在销售待售\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

60.满足某人的需要\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

61.operate a computer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

62.surf the Internet\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

63.edit text\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

64.网上购物\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

65.data processing\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**词汇拓展**

1.release v.释放；放出；放走；放开；松开；使自由移动(或飞翔、降落等);发泄；宣泄n.释放；获释；公开；发行；发布；新发行的东西(尤指新激光唱片，新电影)

Firefighters took two hours to\_\_\_\_\_\_\_\_\_\_\_\_\_the driver from the wreckage.

消防队员花了两个小时将司机从汽车残骸中救出来。

10.000 balloons were\_\_\_\_\_\_\_\_\_\_\_\_\_at the ceremony.典礼上放飞了一万个气球。

The club is\_\_\_\_\_\_\_\_\_\_\_\_\_ some of its older players.俱乐部正在解聘一些老队员。

You need to\_\_\_\_\_\_\_\_\_\_\_\_\_the tension in these shoulder muscles.你需要放松肩部肌肉。

Police have\_\_\_\_\_\_\_\_\_\_\_\_\_no further details about the accident.

关于这次事故，警方没有透露更多的细节。

Humour is wonderful for\_\_\_\_\_\_\_\_\_\_\_\_\_tension.幽默是舒缓紧张情绪的良方。

She gave her reaction to his\_\_\_\_\_\_\_\_\_\_\_\_\_at a press conference.

她在记者招待会上对他被释放做出了回应。

2.reveal v.揭示；显示；透露；显出；露出；展示

The report\_\_\_\_\_\_\_\_\_\_\_\_\_(that)the company made a loss of ￡20 million last year.

报告显示，公司去年亏损2000万英镑。

He laughed，\_\_\_\_\_\_\_\_\_\_\_\_\_\_a line of white teeth.他笑了起来，露出一排洁白的牙齿。

A survey of the British diet has\_\_\_\_\_\_\_\_\_\_\_\_\_that a growing number of people are overweight.

对英国人饮食进行的一项调查显示有越来越多的人超重。

It is normal practice not to\_\_\_\_\_\_\_\_\_\_\_\_\_details of a patient's condition.

不透露患者病情的细节是惯常的做法。

**活学活用**

一、阅读下列句子，在空白处填入1个单词或用括号内所给单词的适当形式填空。

1.Because he works very carefully,he has not produced\_\_\_\_\_\_\_\_\_\_\_\_\_reject in the last six years.

2.Astronauts will make a final attempt today\_\_\_\_\_\_\_\_\_\_\_\_\_(rescue)a communication satellite from its useless orbit.

3.I immediately regretted\_\_\_\_\_\_\_\_\_\_\_\_\_(say) this—I could have kicked myself.

4.Statistical analysis is a means of arriving at a fairly\_\_\_\_\_\_\_\_\_\_\_\_\_(rely)forecast.

5.Poor educational performance is related\_\_\_\_\_\_\_\_\_\_\_\_\_emotional disturbance.

二、翻译句子

1.We tried our best to head Henry off the topic,because we knew he'd reveal confidential information.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.很多头发问题都是由饮食引起的。(result from)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.使我宽慰的是，他已经认识到了学习的重要性。(to one's relief)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.因为她现在还未成年，她的父母仍然应为她负责。(responsible)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

参考答案

单词&短语

1.v.登记；挂号邮寄n.登记簿 2.计算机 3.释放；排放；发布 4.类似，像 5.居民 6.恢复 7.限制，约束

8.n.简历v.恢复 9.揭露 10.重绕；倒回 11.荒谬的；可笑的 12.装置，设备 13.粗糙的；艰难的 14.v.打招呼n.行礼 15.对手 16.成熟的17.样本 18.通信19.拒绝，退回 20.牺牲；祭品 21.renew;renewable

22.regret—regretted—regretted 23. regulation 24. relative 25. reliable 26. rescue 27. resign 28. review/re-

vise 29.ride—rode—ridden 30.ring—rang—rung31.rubbish 32.rural 33.safety 34.reserve 35. remote

36.representative 37.reputation 38.policy39.get rid of 40.be related to/be relevant to 41.cultural

relics 42.to one's relief 43.natural resources 44.be responsible for 45.起因于；导致 46.in return(for sth.)

47.待完成 48.remind sb. of sth. 49.under repair50.replace... with/by 51.答复；回应 52.run/take the risk of doing sth./risk doing sth. 53. rob sb. of sth.54.be rude to sb. 55.in ruins 56.sth. run out/sth. Give out/run out of sth./use up sth. 57.in/over the long run58.for the sake of59.on sale;for sale 60. satisfy/meet sb.'s needs 61.操作电脑 62.上网冲浪 63.编辑文本

64.shopping online/on the Internet 65.数据处理

词汇拓展

1.release;released;releasing;release; released;releasing;release

2.reveals;revealing;revealed;reveal

活学活用

一、1.a 2. to rescue3.saying/having said 4.reliable5.to

二、1.我们竭力把亨利从那个话题上引开，因为我们知道他会泄露机密。

2.Many hair problems result from what you eat.

3. To my relief,he has realized the importance of study.

4.Because she is under age,her parents are still responsible for her.

**第二部分 话题阅读训练**

（A）阅读理解

ROBOTICS ACADEMY

Ages 12 — 14 · Grades 7 — 9

The academy-level robotics program takes it to the next level for the next generation of engineers, designers and gearheads with real-world applications of science, technology, engineering and math. Hands-on sessions in robot chassis design and building algorithms, remote-control design and operation, and aerial drone operations make for an exciting adventure. Trainees focus on teamwork as they learn what it’s like to engineer and design robots on land, in the air and underwater with state-of-the-art materials. The week culminates (达到高潮) with trainees competing to complete tasks on a Challenge Table using robots they spent the week building, programming and testing.

Activities

·Program robots to interact (互动) with the world using a variety of sensors and motors

·Learn with hands-on sessions in remote-control design and operation and aerial operations

·Master managing wireless signals in order to control and pilot robots on the Challenge Table

·Choose from lessons as you like, such as building robotic attachments, programming with sensors and data functions, or using Human Interface Devices

·Use the binary number system and basic logic functions to understand how machines “think”

·Design, build and pilot underwater robots using the SeaPerch ROV system

·Train in cutting-edge, custom-designed Unmanned Aerial Systems training simulation VAMPIRE Pro and fly quadcopters

Fast Facts

For orientation times, visit *spacecamp.com.*

·Arrival window: Sunday 1:30 p.m. — 3:30 p.m. (CT)

·Graduation: Friday 9 a.m. — 10 a.m.

·Price: $999. (Includes a $50 registration fee that cannot be returned and tuition fees that can be fully refunded (退款) at request before the session starts.)10% off each additional session.

·Camp programs are available during summer months and select weeks throughout the remainder of the year. Search *spacecamp.com* for details and schedule.

1．What will the participants pay special attention to during their learning?

A．Competition. B．Working together. C．Concentration. D．Saving materials.

2．Which of the following is an optional lesson?

A．Remote-control design. B．Managing wireless signals.

C．Building robotic attachments. D．Understanding how machines “think”.

3．How much money can you get back if you cancel your first session before it starts?

A．$999. B．$50. C．$899.1. D．$949.

【答案】1．B2．C3．D

【解析】本文是一篇应用文。文章主要介绍了一个适合12到14岁孩子参加的机器人课程的相关细节。

1．细节理解题。通过文章第一段“Trainees focus on teamwork (学员注重团队合作)”可知，学员在学习过程中会特别注意共同工作。故选B项。

2．细节理解题。通过文章“Activities”部分中的“Choose from lessons as you like, such as building robotic attachments, programming with sensors and data functions, or using Human Interface Devices (从课程中选择您喜欢的，如构建机器人附件，用传感器和数据功能编程，或使用人机界面设备)”可知，构建机器人附件是选修课。故选C项。

3．细节理解题。通过文章“Fast Facts”部分中的“Price: $999. (999美元)”以及“Includes a $50 registration fee that cannot be returned and tuition fees that can be fully refunded at request before the session starts. (包括50美元不可退还的注册费和可在课程开始前要求全额退还的学费)”可推知，如果你在第一节课开始前取消，可以拿回949美元。故选D项。

（B）七选五

Top uses of smartphones

Today approximately 3.5 billion people own smartphones all over the world. In this article, we explore what we use our smartphones for.

16．

Most websites today are mobile-friendly, while there are also mobile apps that you can use to buy everything from clothes to household items and more. Because it's far easier and more convenient to make a purchase online, a great percentage of people order from online sites. In fact, most users prefer to be able to compare and learn about different items on their phones. Hence, if anyone is looking to build an online brand, it is certainly important to develop a mobile-friendly site for the ultimate online shopping experience.17．.
Social Media Usage

Social media sites became a go-to site for many users that spend time on their mobile devices.18．. It is widely used in comparison to other popular social media platforms like Instagram. But, social media apps are not only used to interact with other users but also to consume information, whether it is entertaining videos, news, information about certain products and services. Otherwise, people rely on smartphones when they want to share their content (photos, videos , articles) on social media platforms.19．.
Consumption of Digital Media

Smartphones are leading devices in the consumption of digital media, and the time users spend is usually on apps.20．. So, whether you are looking to watch your favorite TV shows, listen to music, or you want to read books, listen to podcasts, there are many apps that you can check out and download on your device. Actually, a lot of companies like Tencent and Youku have designed apps to make their content more accessible on the move.

A．Friendly websites

B．Mobile Shopping

C．Actually, Wechat is one of the largest social media networks

D．Hence, a lot of businesses use them to promote their products

E. As we know, there's a wealth of apps available for download, free of charge

F. Some famous e-commerce sites include Amazon, Taobao, JD and many others

G. There are some apps that are not designed to entertain you but to help you enrich your knowledge

【答案】16．B17．F18．C19．D20．E

【解析】

16．根据第二段第一句“Most websites today are mobile-friendly, while there are also mobile apps that you can use to buy everything from clothes to household items and more.(如今大多数网站都是手机友好型，与此同时还有许多手机应用你可以用来买东西，从衣服到生活用品)”可知，这一段讨论的是智能手机的网上购物功能。而空格处是这一段的小标题。由此可知，B. Mobile Shopping(移动购物)符合题意。故选B。

17．根据前一句“Hence, if anyone is looking to build an online brand, it is certainly important to develop a mobile-friendly site for the ultimate online shopping experience.(因此，如果某人想要建立一个网上品牌，为最佳购物体验搭建一个手机友好的网址无疑很重要)”提出要搭建网址，随后可能进一步举例说明好的网址有哪些。由此可知，F. Some famous e-commerce sites include Amazon, Taobao, JD and many others(一些著名的电子商务网站包括亚马逊、淘宝、京东等)符合题意，F选项提出Amazon, Taobao, JD(亚马逊、淘宝和京东)作为例子。故选F。

18．前文“Social media sites became a go-to site for many users that spend time on their mobile devices.(社交媒体网站成为许多花时间在移动设备上的用户的首选网站)”提出现在手机用户花很多时间使用手机，社交网址成为了智囊网址。而后文接着提出“It is widely used in comparison to other popular social media platforms like Instagram.(与Instagram等其他流行的社交媒体平台相比，它被广泛使用)”。由此推知，空格处应该提到了一种社交媒体平台。由此可知，C. Actually, Wechat is one of the largest social media networks(事实上，微信是最大的社交媒体网络之一)符合题意。故选C。

19．根据上文“But, social media apps are not only used to interact with other users but also to consume information, whether it is entertaining videos, news, information about certain products and services. Otherwise, people rely on smartphones when they want to share their content (photos, videos , articles) on social media platforms.(但是，社交媒体应用不仅用于与其他用户互动，还用于消费信息，无论是娱乐视频、新闻，还是关于某些产品和服务的信息。否则，当人们想要在社交媒体平台上分享他们的内容（照片、视频、文章）时，就会依赖智能手机)”可知，要通过手机消费，必须要有商家提供商品信息。由此可知，D. Hence, a lot of businesses use them to promote their products(因此，很多企业使用它们来推广他们的产品)符合题意。故选D。

20．根据上文“Smartphones are leading devices in the consumption of digital media, and the time users spend is usually on apps.(智能手机是数字媒体消费的主流设备，并且用户大多数时间都花在应用上)”及下文“So, whether you are looking to watch your favorite TV shows…there are many apps that you can check out and download on your device.(所以，不管你是想看你最喜欢的电视节目，你都可以在你的设备上查看和下载许多应用程序)”可推知，空格处应该是在讨论有很多应用可在手机上使用。由此可知，E. As we know, there's a wealth of apps available for download, free of charge(正如我们知道的那样，有很多应用可用于下载，并且免费)”符合题意。故选E。