原力英语 B1 专项词汇拓展 8 科技词汇专项提升

GENERAL TECHNOLOGY TERMS

CONNECT

connect   [kəˈnekt]

describe the action of establishing (making) communication with the Internet or with another device (computer equipment) such as a monitor, modem, etc.

v.连接

Can you please show me how to connect my laptop to the central printer?

你能告诉我怎样把我的笔记本电脑连接到中央打印机吗？

CONNECTION

connection   [kəˈnekʃn]

the communication between two or more computer devices, or a link to the Internet.

n.连接

I'm having problems with my Internet connection.

我的网络连接有问题。

INSTALL

install   [ɪnˈstɔːl]

to set up or make a computer or application (software program) ready for use.

安装;设置

On my first day of work，my supervisor sent the technical support team to install a new computer for me.

在我上班的第一天，我的主管派技术支持小组为我安装了一台新电脑。

Uninstall 卸载

INSTALLATION

installation [ˌɪnstəˈleɪʃn]

the act of installing a computer or application

安装，装置

Installation of the new system will take several days.

安装新系统需要几天时间。

NETWORK

network [ˈnetwɜ:k]

a system of connected computers and other devices such as printers that exchange data with each other.

网络

Before we open for business, I need to get my office computer network set up and tested.

在我们开始营业之前，我需要把办公室的电脑网络安装好并测试一下。

OPERATING SYSTEM

operating system [ˈɒpəreɪtɪŋ]

a set of programs that control the way a computer system works, especially how its memory is used and how different programs work together

操作系统

a computer/PC operating system 一个电脑的操作系统

A leading economist denied that the firm has a monopoly in the PC operating system market.

一位著名经济学家否认该公司垄断了个人电脑操作系统市场。

SOFTWARE

software [ˈsɒftweə(r)]

the instructions that control what a computer does; computer programs

软件

to install/run a piece of software　安装/运行一个软件

HARDWARE

hardware　[ˈhɑ:dweə(r)]

the machinery and electronic parts of a computer system

硬件

The machine allows multitasking without the need to buy extra hardware.

这台机器允许多任务处理，而不需要购买额外的硬件。

The thieves stole thousands of dollars worth of computer hardware.

窃贼偷了价值数千美元的计算机硬件。

MONITOR

monitor　[ˈmɒnɪtə(r)]

1.the video screen used to display information on your computer.

n.监视器;(计算机)显示器

I work on the computer most of the day. I find that using a bigger monitor reduces (lessens) the strain on my eyes.

我大部分时间都在电脑上工作。我发现使用更大的显示器可以减轻眼睛的疲劳。

2.describe the action of keeping watch over a technical fault or process running on a computer.

v.监控

The technical support team will monitor my computer over a period of time to see what's causing this problem.

技术支持团队会在一段时间内监视我的电脑，看看是什么导致了这个问题。

BOOT UP

boot up

to turn on a computer and have it ready for use.

You could also say "start up" or " power up."

启动

There seems to be a problem with my laptop. It wouldn't boot up this morning.

我的笔记本电脑好像有问题。今天早上启动不了。

REBOOT

reboot

start your computer again

V. If you're still getting errors on your computer, you might want to reboot it.

如果你的电脑一直报错的话，你估计想重启它。

N. If you're still getting errors on your computer, a reboot might help.

如果你的电脑一直报错的话，重启可能会有帮助。

ACCESS

access   ['ækses]

1.to access, when used in IT, means entering and using a computer, website or application

v.访问，存取

This is a shared computer only for the use of our department.

这是一台共享计算机，仅供本部门使用。

You can get the password from me if you need to access it.

如果你使用的话，你可以从我这里得到密码。

2.the act of accessing the computer. It's commonly used with the verb "grant" to mean give permission to use.

n.使用权

I'm afraid we can't grant anyone access to our department's computers.

恐怕我们不能允许任何人使用我们部门的电脑。

LOG IN & LOG OUT

log in & log out

Some websites and applications need you to log in before you can enter and use them. **To log in** refers to the process where you enter certain information before you're allowed to access a website or application.

有些网站和应用程序需要您先登录，然后才能进入和使用它们。登录是指在允许访问网站或应用程序之前输入某些信息的过程。

I've forgotten my password so I can't log in to Gmail anymore.

我忘了密码，所以我不能再登录 Gmail 了。

The opposite of log in is **log out** which is what you should do to exit a site or application.

与登录相反的是注销，这是退出站点或应用程序时应该执行的操作。

Don' t forget to **log out** before you leave especially if you're using a shared computer.

离开前别忘了注销，尤其是使用共享计算机时。

Sometimes the terms **sign in** and **sign out** are also used.

有时也会使用术语 sign-in 和 sign-out。

DOWNLOAD

download ［ˌdaʊnˈləʊd , ˈdaʊnləʊd］

To download is a verb you'll often hear in IT to talk about transferring data or information from a main computer source to another device.

下载

I need to download the photos of my business trip to my computer for today's presentation.

我需要把我出差的照片下载到电脑上，以便今天的演示。

UPLOAD

upload　　[ˌʌpˈləʊd , ˈʌpləʊd]

上传

All you need to do is upload the files on to your web space.

你所需要做的就是上传文件到你的网站空间。

UPGRADE

upgrade　　[ˌʌpˈgreɪd , ˈʌpgreɪd]

It's not unusual to hear this word in a fast-changing field like IT. The verb to upgrade means to bring your computer (or other device) up to date with the latest hardware or software.

使（机器、计算机系统等）升级;提高;改进

Our management is confident that our business will improve if we upgrade to the latest computer equipment.

我们的管理层相信，如果我们升级到最新的计算机设备，我们的业务将得到改善。

ANALYZE

analyze　　[ˈænəlaɪz]

The verb to analyze is used quite often in IT when there's a need to study data, information or even a technical problem closely. For instance, you might analyze product trends or a problem with your communications network.

分析

This is not a problem with a simple solution. We need time to analyze why your laptop won' t boot up.

这不是简单解决方案的问题。我们需要时间来分析为什么你的笔记本电脑无法启动。

ANALYSIS

analysis   [əˈnæləsɪs]

The noun form analysis refers to the act of, and the result of analyzing the data or problem.

名词形式分析是指对数据或问题进行分析的行为和结果。

According to the technical support team's analysis, you're better off buying a new laptop than trying to repair this one.

根据技术支持小组的分析，你最好买一台新的笔记本电脑，而不是试图修理这台。

BROWSE

browse

The verb to browse is used in IT to look over information casually without being too detailed.

v.浏览（信息）

Before you come to the meeting, please browse online to get some ideas of the current trends in office furniture.

在你来开会之前，请上网浏览一下，了解一下目前办公家具的发展趋势。

BROWSER

browser   [ˈbraʊzə(r)]

The noun browser，as you may already know,refers to the program on your computer that allows you to open and use websites on the Internet.

浏览程序，浏览器（用于在互联网上查阅信息）

If your browser doesn't work,try closing and reopening it.

如果浏览器不工作，请尝试关闭并重新打开它。

FILE

file   [faɪl]

The noun **file** in IT refers to a collection of data or information organized under a specific name and stored in a computer's folder.

(计算机的）文件

to access/copy/create/delete/download/save a file

打开/复制/新建/删除/下载/保存文件

Please save each year's sales data in a different file for easy reference.

请将每年的销售数据保存在不同的文件中，以便参考。

what's the filename you used to save last year's sales data?

你用来保存去年销售数据的文件名是什么？

BACK UP

back up

The phrasal verb back up is often used in IT to mean making a copy of data and files to protect them against accidental loss.

备份

It's always a good idea to back up your computer regularly.

定期备份你的电脑总是个好主意。

My laptop has been switching itself on and off. l think I'd better back it up after work tonight.

我的笔记本电脑一直在自动开关。我想我今晚下班后最好把它备份一下。

backup

Backup, when spelled as one word, is a noun referring to the copy of files and data that you've made to keep.

Backup，当拼写为一个单词时，是一个名词，指的是要保存的文件和数据的副本。

The system administrator does a full backup of the system every weekend.

系统管理员每周末对系统进行一次完整备份。

PERFORM

perform　　[pəˈfɔ:m]

In IT, we're often concerned about how the computer system performs. The verb to perform refers to how fast a computer can process information.

运行；执行

Are you sure that my.computer will perform better if I upgrade my RAM (computer memory)?

如果我升级我的 RAM（计算机内存），你确定我的计算机性能会更好吗？

PERFORMANCE

performance　　[pəˈfɔ:məns]

The noun performance is used to talk about the speed and capacity (workload) of the computer.

性能

Upgrade your RAM(computer memory) and you won't find any reason to complain about your computer's performance.

升级你的 RAM（计算机内存），你将找不到任何理由抱怨你的计算机的性能。

HIGH TECHNOLOGY

high technology/ high tech

highly advanced technological development

高科技

Obviously, in high technology businesses, software and sophisticated designs are at the core of the business.

显然，在高科技企业中，软件和复杂的设计是企业的核心。

MOBILE DEVICE

mobile device ['məʊbaɪl] [dɪ'vaɪs]
any piece of electronic equipment such as a cell phone or small computer that you can use in different places

移动设备，移动装置

Looking for a new game to play on your mobile device?

正在移动设备上寻找新游戏？

Some mobile devices-like tablets, e-readers, and smartphones - are powerful enough to do many of the same things you can do with a desktop or laptop computer.

一些移动设备，如平板电脑、电子阅读器和智能手机，功能强大，可以做许多与台式机或笔记本电脑相同的事情。

TABLET

tablet ['tæblət]

a small, flat computer that is controlled by touching the screen or by using a special pen

平板电脑

This tablet PC converts into a smoothly working notebook with a keyboard addition.

这台平板电脑增加一个键盘转换成用起来非常流畅的笔记本电脑。

APPLICATION

application [ˌæplɪ'keɪʃn]

a system of connected computers and other devices such as printers that exchange data with each other.

应用程序；应用软件

a database application 数据库应用软件

Email is the most often-used application.

电子邮件是最常用的应用程序。

INNOVATION

innovation [ˌɪnəˈveɪʃn]

the introduction of new things, ideas or ways of doing sth

创新，创造

an age of technological innovation 技术革新的时代

we must promote originality, inspire creativity and encourage innovation.

要发扬独创精神，激发创造力，鼓励创新。

12 TRENDY TECH TERMS YOU NEED TO KNOW

ARTIFICIAL INTELLIGENCE

Artificial Intelligence [ˌɑːtɪˈfɪʃl] [ɪnˈtelɪdʒəns]

the study of how to produce machines that have some of the qualities that the human mind has, such as the ability to understand language, recognize pictures, solve problems, and learn

人工智能

To understand "natural language," computers must be equipped with artificial intelligence.

要理解"自然语言"，计算机必须配备人工智能。

Every coin has two sides, and artificial intelligence is no exception.

每个事物都有两面性，人工智能也不例外。

AUTONOMOUS VEHICLE

autonomous vehicle [ɔːˈtɒnəməs] [ˈviːəkl]

A vehicle, such as a car or truck, that uses technology and sensors to drive without the need for human assistance.

自动驾驶

As an autonomous vehicle, it is capable of sensing its environment and navigating

without human input.

作为一种自动驾驶车辆，它能够感知环境并在没有人工输入的情况下导航。

Uber, Tesla and Google are just some of the big businesses working on self-driving technologies.

优步、特斯拉和谷歌只是一些致力于自动驾驶技术的大企业。

BIOMETRICS

biometrics [ˌbaɪəʊˈmɛtrɪks]

the use of detailed information about someone's body, for example the patterns of colour in their eyes, in order to prove who they are

生物识别

The U.S.Department of Homeland Security describes biometrics as being "unique physical characteristics" that can be utilized for automated recognition." Think fingerprints, iris(虹膜)scans and voice recognition.

美国国土安全部（U.S.Department of Homeland Security）将生物特征描述为"独特的物理特征"，可以用于自动识别。像指纹识别、虹膜扫描和语音识别。

MACHINE LEARNING

machine learning

the process of computers changing the way they carry out tasks by learning from new data, without a human being needing to give instructions in the form of a program

机器学习

His research helped shape the field of machine learning, bringing computers closer to the realm of human thought.

他的研究帮助形成了机器学习领域，使计算机更接近人类思维的领域。

A robot has taught itself to smile, frown, and make other human facial expressions using machine learning.

一个机器人通过机器学习自学了微笑、皱眉和其他人类面部表情。

BLOCKCHAIN

blockchain   [blɒk tʃeɪn]

a system used to make a digital record of all the occasions a cryptocurrency (= a digital currency such as bitcoin) is bought or sold, and that is constantly growing as more blocks are added

区块链

The first prominent use of blockchain was bitcoin.

区块链的第一个突出用途是比特币。

Blockchain technology has the potential to transform business operating models.

区块链技术有可能改变商业运营模式。

CLOUD COMPUTING

cloud computing

the use of services, computer programs, etc. that are on the internet rather than ones that you buy and put on your computer

云计算

Cloud computing is described by Microsoft Azure as "the delivery of computing services" like software, servers, storage and databases, over the internet, or "cloud."

微软 Azure 将云计算描述为通过互联网或"云"提供软件、服务器、存储和数据库等"计算服务"。

CONTACTLESS PAYMENT

contactless   [ˈkɒntæktləs]

A cashless method of paying for goods and services. Mostly it's used to describe bank cards, identity cards, etc. that can operate by being put close to the machine that uses them, and that do not have to be put into the machine

无接触支付

Contactless payment technology can be incorporated into a range of devices, from

debit and credit cards to smartwatches and smartphones.

无接触支付技术可以整合到一系列设备中，从借记卡、信用卡到智能手表和智能手机。

FINTECH

fintech

An amalgamation of the words "financial" and "technology. "

"金融"和"技术"的融合

It describes the use of technology to deliver financial services and products to consumers.

它描述了如何利用技术向消费者提供金融服务和产品。

Fintech is not a new industry, it's just one that has evolved very quickly.

金融科技不是一个新兴产业，它只是一个发展非常迅速的产业。

Mobile banking is a large part of the fintech industry. In the world of personal finance, consumers have increasingly demanded easy digital access to their bank accounts, especially on a mobile device.

手机银行业务是金融科技行业的重要组成部分。在个人金融领域，消费者越来越要求通过数字方式轻松访问银行账户，尤其是在移动设备上。

WEARABLES

wearables   可穿戴设备

something that can be worn that contains computer technology or can connect to the internet

可以穿的东西，包含计算机技术或可以连接到互联网

These devices are usually connected to the internet and can carry out a range of tasks，from paying for goods and services using contactless technology to monitoring and analyzing a user's heart rate.

这些设备通常连接到互联网，可以执行一系列任务，从使用非接触技术支付商品和服务到监测和分析用户的心率。

Check out our reviews of the biggest names in wearables including smartwatches and fitness trackers.

查看我们对包括智能手表和健身跟踪器在内的可穿戴设备大牌的评论。

The applications of wearables are limited only by the imagination.

可穿戴设备的应用仅限于想象力。

INTERNET OF THINGS

Internet of things (IoT)

objects with computing devices in them that are able to connect to each other and exchange data using the internet

物联网("万物相连的互联网"，是互联网基础上的延伸和扩展的网络，将各种信息传感设备与网络结合起来而形成的一个巨大网络,实现在任何时间、任何地点，人、机、物的互联互通)

Think of devices that are connected to the internet and able to "talk" to one another. One example would be a thermostat(恒温器)in your home that you control with your smartphone from your office.

想想那些连接到互联网并且能够相互"交谈"的设备。一个例子是你家里的恒温器，你可以在办公室用智能手机控制。

Cloud applications will be used by billions of devices of all kinds, all connected to the internet of things.

云应用将被各种各样的数十亿台设备所使用，这些设备都连接到物联网。

The internet of things might, for example, involve smart trash cans that can signal when they need to be emptied.

例如，物联网可能涉及智能垃圾桶，当它们需要清空时可以发出信号。

VIRTUAL REALITY

Virtual Reality (VR)   [ˈvɜ:tʃuəl][riˈæləti]

a set of images and sounds, produced by a computer, that seem to represent a place or a situation that a person can take part in Virtual reality is designed to immerse a

person into a completely digital world.

虚拟现实

One day virtual reality will revolutionize the entertainment industry.

有一天虚拟现实将彻底改变娱乐业。

Using their expertise and virtual reality technology architects recreated the Theater of Pompey in Rome.

建筑师利用他们的专业知识和虚拟现实技术，在罗马重建了庞贝剧院。

【ps：Augmented Reality】

BIG DATA ANALYTICS

big data analytics

Big data analytics examines large amounts of data to uncover hidden patterns, correlations and other insights.

大数据分析检查大量数据，以发现隐藏的模式，相关性和其他见解。

Big data analytics helps organizations harness (利用) their data and use it to identify new opportunities. That, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers.

大数据分析有助于组织利用其数据并利用它来发现新的机会。这反过来会导致更明智的商业举措、更高效的运营、更高的利润和更快乐的客户。

科技类翻译必备词汇

涵盖四六级和考研翻译类常见词汇和表达

网络世界	cyber world
网络文化	cyber culture
网络犯罪	cyber crime
网上购物	online shopping
高科技园	high-tech park

工业园区	industrial park
火炬计划	Torch Program (a plan to develop new and high technology)
信息港	info port
信息革命	information revolution
电子货币	e-currency
人工智能	artificial intelligence (AI)
生物技术	bio-technology
网络出版	e-publishing
信息高速公路	information superhighway
新兴学科	emerging branches of science
纳米技术	Nanotechnology
个人数字助理	personal digital assistant (PDA)
技术密集产品	technology-intensive product
数码科技	digital technology
电子商务	e-business; e-commerce
电子管理	e-management
办公自动化	Office Automation (OA)
信息高地	information highland
信息检索	information retrieval
远程/电话会议	telconference
国家重点工程	national key projects
专利	patent
导航系统	navigation system
工业革命	industrial revolution
科学探索	scientific exploration
电子设备	electronic equipment

过去几年里，移动支付市场在中国蓬勃发展，随着移动互联网的出现，手机购物逐渐成为一种趋势。18 到 30 岁的年轻人构成了移动支付市场的最大群体。由于现在用手机付款极容易，许多消费者在购物时宁愿用手机付款，而不愿用现金或信用卡。为了鼓励人们多消费，许多商店给使用移动支付的顾客打折。专家预测，中国移动支付市场未来仍有很大发展潜力。

参考译文：

The past few years has witnessed a vigorous development in China's mobile payment market. The emergence of mobile Internet has made mobile shopping gradually become a trend. The largest group in the mobile payment market is composed of young people aged from 18 to 30. Nowadays, since it is extremely easy to pay by mobile phones, many consumers prefer this way rather than cash or credit card when shopping. In order to encourage more consumption, many stores offer discounts to consumers using mobile payment. According to experts, there still exists huge development potential in the future of China's mobile payment market.

中国的创新正以前所未有的速度蓬勃发展。为了在科学技术上尽快赶超世界发达国家，中国近年来大幅度增加了研究开发资金。中国的大学和研究所正在积极开展创新研究，这些研究覆盖了从大数据到生物化学，从新能源到机器人等各类高科技领域。它们还与各地的科技园合作，使创新成果商业化。与此同时，无论在产品还是商业模式上，中国企业家也在努力争做创新的先锋，以适应国内外消费市场不断变化和增长的需求。

China's innovation is flourishing faster than ever before. In order to surpass developed countries on science and technology as soon as possible, China has sharply increased research and development fund. Chinese universities and institutes are actively doing innovative researches, covering various fields of high technology, from big data to biochemistry, and from new energy to robots. They are also cooperating with science

and technology parks in different places, so as to commercialize their fruits of innovation. In the mean time, to adapt to the changing foreign and domestic market, and to satisfy the growing demand, Chinese entrepreneurs are also making pioneering efforts to innovate their products and business models.