

Unit 4 Scientists who changed the world

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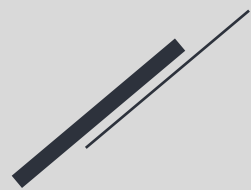
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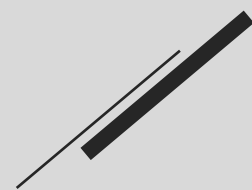
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强基础 语基自测



默写查验

一、核心单词

1. province *n.* 省, 省份
2. intend *vi. & vt.* 想要, 计划; 意指
3. postpone *vt.* 延迟, 延期
4. data *n.* 数据, 资料, 材料
5. error *n.* 错误, 差错
6. conduct *vt. & vi.* 组织, 实施; 指挥; 引导; 举止

7. theory *n.* 学说,论;原理;看法,意见

8. charge *vt. & vi.* 充电;收费;控告;谴责;使.....承担责任;使充满
n. 收费;控告;谴责;掌管

9. involve *vt.* 包含;牵涉,影响;(使)参加

10. credit *n.* 赞扬,认可;信用 *vt.* 存入金额;把.....归于

二、派生单词

1. try *n. & v.* 尝试; 努力; 试验

→ trial *n.* 试用, 试验; 审讯, 审判; 考验 *vi. & vt.* 测试, 试验

→ tried *adj.* 可靠的; 试验过的

2. limit *v. & n.* 限制, 限定; 极限; 界限 → limited *adj.* 有限的

→ limitless *adj.* 无限制的; 无界限的

→ limitation *n.* 限制; 限度; 极限

3. surround *vt.* 围绕, 环绕; 包围; 与.....紧密相关

→ surrounding *adj.* 周围的, 附近的

→ surroundings *n.* 环境, 周围的事物

4. indicate *vt.* 表明;暗示;提及;指出

→ indication *n.* 指示,指出;迹象;象征

→ indicated *adj.* 象征的;指示的 → indicator *n.* 指示器

5. intelligent *adj.* 有才智的,聪明的;有智力的

→ intelligently *adv.* 聪明地,明智地

→ intelligence *n.* 智力;情报机关;理解力

6. science *n.* 科学,科学知识;理科;技术

→ scientific *adj.* 科学的;细致严谨的

→ scientifically *adv.* 系统地;合乎科学地

→ scientist *n.* 科学家

7. mystery *n.* 神秘;神秘的人(或事物);悬疑作品

→ mysterious *adj.* 神秘的;不可思议的

→ mysteriously *adv.* 神秘地;难以理解地

8. ignore *vt.* 驳回诉讼;忽视;不理睬 → ignorance *n.* 无知

→ ignorant *adj.* 无知的;愚昧的 → ignorantly *adv.* 无知地;不学无术地

9. permit *vt. & vi.* 允许,准许,许可;使有可能 *n.* 许可证

→ permission *n.* 允许,许可

10. nation *n.* 国家;民族;国民 → national *adj.* 国家的;民族的;国立的

→ nationally *adv.* 全国性地;以国民立场地;举国一致地

→ nationality *n.* 国籍;民族

三、重点短语

1. refer to 查阅,参考;提到,谈及
2. speed up (使)加速
3. pay off 成功,奏效,达到目的
4. through trial and error 反复试验
5. by accident 偶然,意外地
6. with a bang 很成功;引人注目,有强烈影响
7. let sb down 使某人失望
8. as to 关于,至于
9. take...for granted 想当然地认为,认为.....是理所当然
10. put forward 提出,提议,建议

四、典型句式

强调句型

教材原句:However,**it was** not until the 1970s **that** Tu succeeded in discovering *qinghaosu*,after many failed experiments.

语境应用

I .用所给单词的适当形式填空

1.I went into the fields, intending (intend) to sleep in the open air, beneath the stars.

2.It rained and therefore the football match (postpone).

3.To put it simply, was postponed (charge) tourists from home and abroad differently is far from fair.

4. We need a clear understanding of the problems involved (involve).
5. Scientists have advanced many theories (theory) about why human beings cry tears.
6. We thought the figures were correct. However, we have now discovered some errors (error).
7. He is credited (credit) with inventing the first true helicopter.

II.用所给词的适当形式填空

1.A man's life is limited,but there is no limit to serving the people.I will devote my limited life to the limitless job of serving the people.(limit)

2.Once upon a time,a king who was very polite to surrounding countries lived in a castle surrounded by tall trees and with wonderful surroundings.(surround)

3.The government was unwise to ignore the growing dissatisfaction with its economic policies.And the ignorance has resulted in a great deal of loss.(ignore)

4.He indicated that an indicator should give me some indications of how I did in the test.(indicate)

5.Humans or animals of high intelligence are always intelligent.
(intelligence)

6.Strangers are not permitted to enter the school during the investigation without the president' s permission.If you have to go to school,you must ask the president for permission.(permit)

7. Britain is a developed nation and its national flower is rose.(nation)

8. You don't have to be a scientist to see the future, but it requires that you must have a basic scientific literacy.(science)

9. At first, I feel it is very mysterious, and is not easy to understand, but after understanding, I discover the mystery, and suddenly feel that it really tells the truth in life.(mystery)

10. If the enemy tried to shoot that trial balloon, the men would not go up.(try)

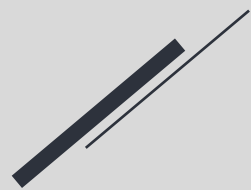
III.用左栏所给短语的正确形式填空

- 1.We' ll try our best to do it well.We don' t want to let him down.
- 2.He seemed to take it for granted that he should speak as a representative.
- 3.In his speech,he referred to a recent trip to China.
- 4.I had already taken steps to speed up a solution to the problem.
- 5.I believe that hard work and determination pay off.
- 6.Many of us have heard suggestions like these put forward by parents or others close to us.

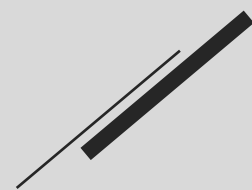
IV.微写作

就是在那一天,我懂得了责任的价值。

It was on that day that I learned the value of responsibility.



研考点 核心突破



核心词汇突破

1. **intend vi.& vt.** 想要, 计划; 意指 → **intention n.** 用意; 目的; 意图

[练会] 单句语法填空

① The school being built at present is said to be intended for the disabled children.

② This program was set up with an intention (intend) of providing help to homeless people.

③ I intended to take/taking (take) up a part-time job, through which I can have my horizons broadened.

[写美]微写作·背诵

④注意到Tamika的泪眼,Jeremy咽下了他想说的话。(读后续写之动作描写)

Noticing Tamika's teary eyes,Jeremy swallowed what he'd intended to say.

归纳(1)intend to do/doing sth打算、意图做某事

(2)had intended to do原本打算做.....

be intended for专供.....使用,专为.....而设计

佳句I **intend** joining/to join a Dragon Boat Training Camp.I wonder if you'd like to go with me.(应用文写作之邀请信)

我打算参加龙舟训练营。我想知道你是否愿意和我一起参加。

2.refer to 查阅,参考;提到,谈及

[练会]单句语法填空

①The textbooks and dictionaries can be used as reference (refer) books while the magazines serve as reading materials.

②He referred (refer) to the system that is related to the welfare of billions of people at the conference.

[写美]微写作·背诵

③关于什么样的中国传统文化最吸引外国人,我写信寻求您的建议。(应用文写作之求助信)

I am writing to ask for your advice in/with reference to what kind of traditional Chinese culture appeals to foreigners most.

归纳(1)refer to...as...把.....称为.....

be referred to as...被称为.....

refer sth to...把某物提交给.....

refer to the dictionary/the map/one's notes 查词典/查看地图/参考某人的笔记

(2)in/with reference to关于

佳句Remember that you should give a speech without **referring to** the notes.(应用文写作之通知)

记住,你应该在不参考笔记的情况下进行演讲。

3.pay off 成功,奏效,达到目的

[练会]单句语法填空

- ①It was generous of him to offer to pay for us.
- ②In my opinion,you can pay a visit to him at his convenience.
- ③His patience and hard work finally paid off with a gold medal.

[写美]微写作·背诵

④无论你做什么,都不要放弃。努力工作总会有回报的。(读后续写之主旨升华)

Whatever you do,never give up. Hard work will pay off in time.

归纳 pay for sth 付钱(买); 支付; 因某事吃苦头或受惩罚

pay sb for sth 付钱给某人买某物

pay back 还钱; 报复

pay attention to 注意

pay a visit to 参观; 拜访

佳句 Sam came up with a solution to **pay for** the surgery. (读后续写之情节描写)

Sam 想出了一个办法来支付手术费用。

4. **surround vt.** 围绕, 环绕; 包围; 与..... 紧密相关 → **surrounding adj.** 周围的, 附近的 → **surroundings n.** 环境, 周围的事物

[练会] 单句语法填空

① The baby was playing on the carpet, surrounded (surround) by all kinds of toys.

② They built themselves large villas (别墅) in the wooded surroundings (surround) of the town.

常用复数

[写美]微写作·背诵

③当我苏醒过来时,我发现自己躺在地上,被一些陌生人包围着。(读后续写之情节描写)

When I came to life,I found myself lying on the ground and surrounded by some strangers.

归纳surround...with...用.....包围.....

be surrounded by/with...被.....包围

佳句About five miles from downtown,the green village **is surrounded by** green fields and thick forests.(读后续写之环境描写)

距离市中心大约5英里,这座绿色村庄被绿色的田野和茂密的森林围绕。

5.favour (AmE favor) vt.较喜欢;偏袒;有助于 **n.**帮助,好事;赞同;偏袒
→**favoured adj.**有利的;受到优待的;受到喜爱的→**favourable adj.**有利的;
赞成的→**favourably adv.**顺利地;有利地;好意地

[练会]单句语法填空

①When asked about their opinions about the schoolmaster,many teachers would prefer to see him step aside in favour of younger men.

②The terms of the agreement are favourable (favour) to both sides.

[写美]微写作·背诵

③得知你有相关经验,我写信想请你帮个忙。(应用文写作之求助信)

Knowing that you have relevant experience,I' m writing to ask a favour of you/ask you a favour .

归纳do sb a favour帮某人一个忙

ask sb a favour=ask a favour of sb请某人帮忙

in favour of支持,赞同

佳句We sincerely hope you can **do us a favour** and come to teach us how to perform the short play.(应用文写作之邀请信)

我们真诚地希望您能帮我们一个忙,来教我们如何表演这部短剧。

**6.involve vt.包含;牵涉,影响;(使)参加→involved adj.参与的;卷入的
→involvement n.参与;卷入;牵连**

[练会]单句语法填空

①Students should involve themselves (they) actively in community activities where they can gain experience for growth.

②Michelle found a job as a high school teacher which involved spending (spend) quite a lot of time with children.

③As far as I am concerned,the involvement (involve) of the foreign ministers was itself a sign of progress.

[写美]微写作·背诵

④全校师生积极参与了这次越野赛跑。(应用文写作之新闻报道)

All the teachers and students got actively involved/involved themselves
actively in the cross-country running race.

归纳(1)involve sb/oneself in (doing) sth使某人/自己参与(做)某事;使某人/自己牵扯到某事中

involve (doing) sth 包括(做)某事;需要(做)某事

(2)get/be involved in 被卷入.....之中;热衷于;专心于

be/get involved with sb/sth 与某人混在一起/和某事有密切联系

佳句I participated in the activity where my work **involved** caring for the elderly.(应用文写作之告知信)

我参加了一个活动,工作涉及照顾老人。

7.credit n.赞扬,认可;信用 vt.存入金额;把.....归于

[练会]单句语法填空

①Let' s give him credit for the success of the project.

②I should not have bought so many things on credit.

③Lily won first prize in the competition,and she is a credit to the school.

[写美]微写作·背诵

④你拾金不昧,值得赞扬;你很诚实,应该受表扬。(读后续写之主旨升华)

It is greatly to your credit that you gave back the money you found;your honesty does you credit.

归纳 on credit 赊购, 贷款

to sb' s credit 某人值得赞扬的是

be a credit to sb/sth 为某人/某事物增光

give sb credit for... 为.....而称赞某人

佳句 So I searched for some cash, only to find I had nothing but credit cards. (读后续写之动作描写)

——→ 信用卡

所以我寻找现金, 却发现除了信用卡什么都没有。

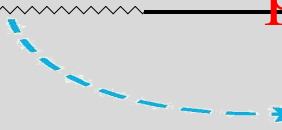
8. permit vt.& vi. 允许, 准许, 许可; 使有可能 n. 许可证 → permission n. 允许, 许可

[练会] 单句语法填空

① No one is permitted to take (take) photos of the exhibits in the museum without permission. (应用文写作之通知)

② With her dad's permission (permit), she spent the next two years researching online.

③ If time permits (permit), I do hope you will attend this

条件状语从句
year's music festival.

[写美]微写作·背诵

④令我非常失望的是,警卫不允许我带相机。(读后续写之情感描写)

Much to my disappointment,the guards didn't permit bringing my camera .

归纳(1) permit sb to do sth 允许某人做某事

permit (doing) sth 允许(做)某事

(2) with/without (one's) permission 得到/未经(某人的)允许

佳句

 独立主格结构

Weather permitting, a winter hike will be launched to get us close to nature and raise students' health awareness. (应用文写作之通知)

天气允许的话,我们将举办冬日远足活动,让我们接近大自然并提高我们学生的健康意识。

★补遗缺 微点练全

I. 一词多义

1. conduct

A. 组织, 实施 B. 指挥 C. 引导 D. 举止

① The guide **conducted** us around the ruins of the ancient city. C

② (2021 天津3月卷) In all, 80 examinations were **conducted** for the project between January and September, 2019, focusing on the imaging procedures that would cause anxiety. A

③ We youths should **conduct** ourselves properly and have good manners.
D

④ Dennis had recently begun a successful career **conducting** opera. B

2.charge

A.*n.& vt.& vi.* 充电 B.*n.& vt.& vi.* 收费

C.*n.& vt.& vi.* 控告;谴责;使.....承担责任;掌管 D.*vt.& vi.* 使充满

① She had been offered a \$50,000 bribe to drop the **charges**. C

② The room was **charged** with tension and anxiety. D

③ (2023全国甲卷) So, it's been useful to know how to cover up holes and repaint a room to avoid any **charges** when I've moved out. B

④ The shaver can be **charged** up and used when travelling. A

II.教材熟词生义

1.deadly

项目	意义	例句
熟义	<i>adj.</i> <u>致命的</u>	The cobra is one of the world's deadliest snakes.
生义	<i>adj.</i> <u>十足的,彻底的</u>	There was a deadly silence after she finished speaking.

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