




科技英语语法练习

北京钢铁学院科
技英语编写组编



冶金出版社



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前 言

根据广大读者，特别是学完基础英语的理工科院校学生的要求，特编写成《科技英语语法练习》，以帮助巩固、加深所学的语法知识，进一步提高英语水平。本书以教育部颁发的理工科院校英语教学大纲（草案）为基础，并在此基础上有所加深、扩大，把在教学中所积累的、大多选自原文科技文章的资料，根据不同的语法内容，以各种练习的形式编写而成的。

本书可供理工科院校学生、研究生以及科技人员使用，亦可做理工科院校英语教师的教学参考资料。

本书共分十五章，七十五个语法项目，练习数量较大，具有一定深度和难度，形式力求做到多样，书后附有答案。

本书在编写过程中得到了我院美国专家 Joy William 的帮助指导，特此致谢。

由于我们的水平有限，书中难免存在缺点及错误，希望读者提出批评意见。

北京钢铁学院

科技英语编写组

一九八一年六月

Contents

I	The Tense	(1)
II	The Passive Voice	(15)
III	Adjective, Adverb and Comparison	(23)
IV	The Preposition	(28)
V	The Non-finite Verbs	(39)
	A. The Infinitive	(39)
	B. The Gerund	(43)
	C. The Participle	(47)
	D. Miscellaneous Exercises	(51)
VI	Types of Complement	(64)
VII	The Subjunctive Mood	(71)
VIII	The Complex Sentence	(79)
	A. The Noun Clause	(79)
	B. The Attributive Clause	(85)
	C. The Adverbial Clause	(96)
	D. Miscellaneous Exercises	(106)
IX	The Emphatic Form	(119)
X	Inversion	(122)
XI	Ellipsis	(126)
XII	The Uses of "That"	(133)
XIII	The Uses of "It"	(138)
XIV	The Uses of "As"	(141)

XV Examples of Long Sentences for Translation

.....(148)

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Key to the Exercises.....(153)

I The Tense

【 1 】 Fill the blanks with the proper tense forms (the simple present, simple past or simple future);

- 1) There _____ (be) two main groups of steel: carbon steel and alloy steel.
- 2) A scientist is the one who _____ (observe) carefully, _____ (apply) logical thought to his observations, _____ (try) to find relationships in data, etc.
- 3) _____ (let) me open the window a moment, and you _____ (can hear) the sound of the blast furnace for yourself.
- 4) The presence of elements other than iron greatly _____ (affect) the physical properties of steel.
- 5) What's the matter? You _____ (be) always late. Here _____ (come) the bus!
- 6) As the carbon content _____ (decrease), the steel _____ (become) less hard and more ductile and therefore more easy to shape.
- 7) It _____ (be) their plasticity at certain temperatures which _____ (give) plastics their main advantages over many other materials.
- 8) An efficient steelmaking process _____ (must be able) to produce large quantities of

high quality steel as economically as possible.

9) The scientists of the eighteenth century _____
(discover) a lot of things about air and water,
but three centuries ago nobody _____ (know)
much about them. We _____ (know) that
water _____ (be) a compound of hydrogen and
oxygen, but they _____ (not know) this
fact.

10) One modern steelmaking process, the L. D.
process, _____ (develop) about 15 years
ago. This _____ (be) one of the first processes
to use pure oxygen to bring about the chemical
changes needed to convert iron into steel.

【 2 】 Fill the blanks with the proper tense forms (the
present, past or future progressive tense):

1) The world's population _____ (expand) at
such a rapid rate that scientists predict there
will be more people than our planet can house
and feed properly.

2) During the whole of last year those specialists
_____ (concentrate) research on new mate-
rials.

3) When you _____ (install) the electric
apparatus, be careful not to let the plug be in-
serted in the socket.

4) While the engine _____ (examine), a number

of spare parts were got ready.

- 5) By the time you get there, he _____ (conduct) the experiment in chemistry.
- 6) When we say copper is a better conductor of electricity than iron, we _____ (say) that copper has more free electrons.
- 7) The technicians _____ (try) to find out what the trouble was with the engine yesterday.
- 8) The present demand constitutes so large a drain on the world's resources that it _____ (become) an increasingly grave problem to satisfy.
- 9) A hundred years ago in France a new precious metal _____ (use) to make the spoons and forks for the Emperor's table.
- 10) Now, for the first time, man _____ (begin) to grasp the almost magic key that may unlock the mystery of whether or not life in some form exists on other planets of our solar system.

【 3 】 Fill the blanks with the proper tense forms (the present, past or future perfect):

- 1) Since their first appearance on earth, men _____ (gather) information and _____ (attempt) to pass useful ideas to other men.
- 2) The new electronic computer was put into production as soon as it _____ (complete) its testing programme.

- 3) Einstein had an effect on science and history that only a few men _____ (over achieve).
- 4) He _____ (hardly begin) the operation of the machine when the current was switched off.
- 5) They _____ (not succeed) in determining how the reaction took place yet.
- 6) No sooner _____ the investigator _____ (discover) any error than he made the necessary corrections to his data.
- 7) During the experiment a certain piece of metal bent under the strain to which it _____ (subject).
- 8) He said that the circuit _____ (must, be completed) from the source to the lamp.
- 9) China _____ (become) a great, modern and powerful socialist country by the end of this century.
- 10) Small amounts of iron _____ (use) by man for centuries, but not until recent years _____ this element _____ (be) so important in the world economy.
- 【4】 Choose and insert the proper answer in each blank.
- 1) When screws _____, the lead-screw on the lathe is engaged.

- A) are cutting B) are being cut
C) have cut D) have been cut
- 2) While the lathe _____, a number of defects were found.
A) examined B) was examining
C) was being examined
D) has examined
- 3) _____ a rapid development in the application of laser over the last 15 years.
A) There is B) There has been
C) There will be D) There had been
- 4) All the apparatus _____ before the experiment began.
A) have been prepared
B) are prepared
C) had been prepared
D) had prepared
- 5) By the end of next year, we _____ more than two thousand English words.
A) learn B) have learnt
C) shall have learnt D) are learning
- 6) I did not know you _____ here.
A) has been B) are
C) had been D) will be
- 7) I _____ until I made sure that nothing was wrong with the pipes.

- A) do not go to bed B) haven't gone to bed
C) went to bed D) didn't go to bed
- 8) Yesterday Comrade Chang told me he _____ a lecture a few days before.
A) had attended B) was attended in
C) would attend D) has attended
- 9) When you _____ Hsiao Lu tomorrow, please remember me to her.
A) will be seeing B) see
C) have to see D) saw
- 10) The readings on the meter showed that the temperature _____ too high.
A) had gone up B) is going up
C) goes up D) has gone up
- 11) These experiments began a few months ago, and some progress _____.
A) was already made B) made already
C) has already been made
D) had already made
- 12) Perhaps the repairs _____ by this time tomorrow.
A) have been done B) will have been done
C) will do D) would have done
- 13) We didn't see him at the lecture yesterday. He _____ it.
A) mustn't have attended

- B) can't have attended
 C) wouldn't have attended
 D) needn't have attended
- 14) This is the third time we _____ improve-
 ments in that equipment.
 A) had made B) have made
 C) used to make D) are making
- 15) He said that he _____ after a few days.
 A) will be back B) would be back
 C) was back D) had been back
- 16) You ought to _____ a test in physics the
 day before, I think.
 A) have taken B) take
 C) be taken D) be taking
- 17) Before the motor was invented, the steam engine
 _____ for a long time.
 A) has been used B) had been used
 C) is used D) used
- 18) So far it _____ whether or not there are liv-
 ing things on other planets.
 A) hasn't been proved
 B) doesn't prove
 C) hadn't been proved
 D) wasn't proved
- 19) I don't know what he _____ at this time
 tomorrow.

- A) does B) will be doing
C) has done D) will have done
- 20) It is necessary that the moving parts of the machine _____ very often.
A) were oiled B) be oiled
C) would be oiled D) are oiled
- 21) After synthetics _____, engineers had a better choice of materials.
A) created B) has created
C) has been created D) had been created
- 22) We _____ such a device ever since.
A) never saw B) have never seen
C) had never seen D) have never been seen
- 23) I intended to have told you about it earlier, but I _____.
A) can not come B) could not come
C) have not come D) will not come
- 24) Each time you look at an object, you _____ a picture.
A) took B) are taking
C) take D) have taken
- 25) The gas molecules which _____ electrons become ions.
A) lost B) have lost
C) had lost D) are losing
- 26) Ford company researchers are working on an even

- C) won't take D) shan't take
- 32) As the earth grew colder, the gases which _____
in the liquid rock escaped into the air, including
water vapor, nitrogen and carbon dioxide.
A) have been dissolved
B) had been dissolved
C) are dissolved D) were dissolved
- 33) How long do you think _____ take to get the laser device ready?
A) does it B) will it
C) it will D) it is
- 34) Iron _____ one of the most important metals.
A) is considered B) was considered
C) considers D) considered
- 35) This laser-controlled equipment _____ by
the end of the next year.
A) is set up B) would be set up
C) will have been set up
D) is being set up
- 36) Man, in his search for metals suitable for his
purposes, soon _____ that metals in the pure
state were seldom the best.
A) finds B) has been found
C) found D) have found
- 37) In the case of a chemical change different substances _____ each other and new substances are

formed.

A) act on

B) are acted on

C) acted on

D) have been acted on

- 38) Scientists believe that the surface of the earth _____ into something like its present form about four billion, five hundred million years ago.

A) hardens

B) hardened

C) has hardened

D) had hardened

- 39) Before the transistor was designed and made, a radio _____ without vacuum tubes.

A) could not build

B) can not have built

C) can not be built

D) could not be built

- 40) —There was an explosion during the experiment. Do you suppose it was caused by oxygen or hydrogen?

—It can't _____ by oxygen, it must _____ by hydrogen.

A) be caused, be caused

B) cause, cause
sed

C) have been caused, D) be being caused, be
have been caused being caused

- 【5】 Rewrite the following sentences, and change the underlined verbs into past tense, paying attention to the sequence of tenses.

- 1) The short circuit proves the design is faulty.