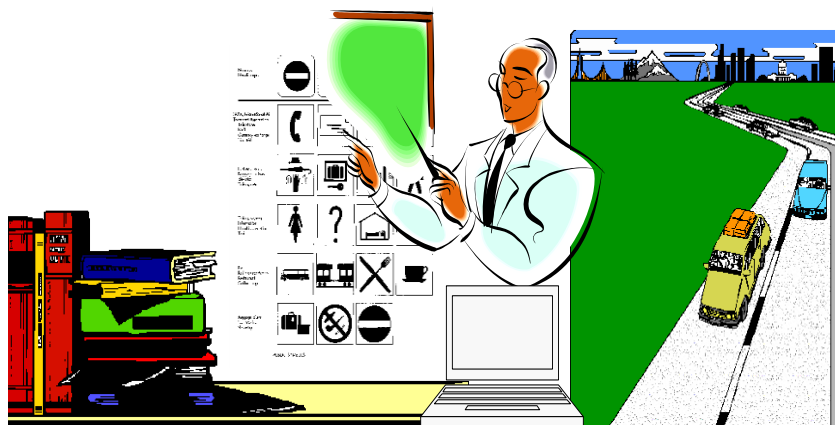




## ОГСЭ.03. ИНОСТРАННЫЙ ЯЗЫК



Учебно-методические указания к практическим занятиям  
для обучающихся 2 курса по специальности 08.02.10 Строительство  
железных дорог, путь и путевое хозяйство

ИРКУТСК  
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РАССМОТРЕНО:  
Цикловой методической  
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Данное учебное пособие для практических занятий предназначено для обучающихся 2х курсов колледжа. Учебное пособие составлено в соответствии с требованиями действующей программы по иностранному языку..

Структура учебного пособия Учебное пособие состоит из двух частей и приложения.

Первая часть - основной курс, включает три темы: «Образование», «Охрана окружающей среды», «Средства коммуникации» (« Education», «Environmental protection», «Means of communication»).

Структура темы. Каждая тема состоит из словаря, лексических и грамматических упражнений, текстов и диалогов и послетекстовых упражнений. Работа над языковым материалом начинается с введения и закрепления лексики, а для её активизации предложены различные типы упражнений.

Вторая часть включает лексико-грамматические тесты по изученным темам. В разделе Приложения приводятся краткие грамматические таблицы, список неправильных глаголов, подлежащих активному усвоению за курс обучения.

Учебное пособие для студентов 2х курсов рассмотрено и одобрено на заседании предметно цикловой комиссии русского языка, культуры речи, литературы, иностранных языков.

## ПОЯСНИТЕЛЬНАЯ ЗАПИСКА

Практические занятия направлены на экспериментальное подтверждение теоретических положений, отнесены наряду с другими к основным видам учебных занятий.

В результате изучения дисциплины «Иностранный язык» обучающийся должен:

знать: лексический (1200-1400 лексических единиц) и грамматический минимум, необходимый для чтения и перевода (со словарём) иностранных текстов профессиональной направленности.

уметь: общаться (устно и письменно) на иностранном языке на профессиональные и повседневные темы;

переводить (со словарём) иностранные тексты профессиональной направленности;

самостоятельно совершенствовать устную и письменную речь, пополнять словарный запас.

Обучающийся должен обладать общими и профессиональными компетенциями:

ОК 1. Понимать сущность и социальную значимость своей будущей профессии, проявлять к ней устойчивый интерес.

ОК 2. Организовывать собственную деятельность, выбирать типовые методы и способы выполнения профессиональных задач, оценивать эффективность и качество.

ОК 3. Принимать решения в стандартных и нестандартных ситуациях и нести за них ответственность.

ОК 4. Осуществлять поиск и использование информации, необходимой для эффективного выполнения профессиональных задач, профессионального и личностного развития.

ОК 5. Использовать информационно-коммуникационные технологии в профессиональной деятельности.

ОК 6. Работать в коллективе и команде, эффективно общаться с коллегами, руководством, потребителями.

ОК 7. Брать на себя ответственность за работу членов команды (подчиненных), результат выполнения заданий.

ОК 8. Самостоятельно определять задачи профессионального и личностного развития, заниматься самообразованием, осознанно планировать повышение квалификации.

ОК 9. Ориентироваться в условиях частой смены технологий в профессиональной деятельности.

ПК 1.2. Обрабатывать материалы геодезических съемок.

ПК 2.1. Участвовать в проектировании и строительстве железных дорог, зданий и сооружений.

ПК 2.3. Контролировать качество текущего содержания пути, ремонтных и строительных работ, организовывать их приемку.

ПК 3.1. Обеспечивать выполнение требований к основным элементам и конструкции земляного полотна, переездов, путевых и сигнальных знаков, верхнего строения пути.

Количество часов, отводимое на практические занятия, фиксируется в рабочей программе дисциплины « Иностранный язык» и составляет для специальности 08.02.10 Строительство железных дорог, путь и путевое хозяйство 168 часов.

На 2 курсе изучаются следующие темы и усваиваются следующие компетенции:

<b>Тема</b>	<b>Кол-во часов</b>	<b>Усвоенные компетенции</b>
Образование	14 часов	ОК 1, ОК 6, ОК 2, ОК 5, ОК3
Охрана окружающей среды	12 часов	ОК 2, ОК 3, ОК 6, ОК 1
Средства коммуникации	14 часов	ОК 2, ОК 6, ОК 7, ОК 5, ОК 1,
История строительства железных дорог	10 часов	ОК 6, ОК 9, ОК 2, ПК 1.2, ПК 2.1, ПК 2.3, ПК 3.1
Строительные материалы	10 часов	ОК 2, ОК 6, ОК 9 ПК 3.1
Железнодорожные профессии	10 часов	ОК 6, ОК 9, ОК 2, ОК 3 ПК 1.2, ПК 2.1, ПК 2.3, ПК 3.1

## **Content. Содержание**

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# UNIT 1



**TOPIC:**        *Education*

**GRAMMAR:**

*Verbs to be, to have*

*Word building (-ion, -sion, -er, -or)*

*Adjectives*

*Simple Tenses Active*

*Questions*

*Modal Verbs*

**READING:**

*History of education*

*Britain's universities*

*A little more gossip*

*Examination day*

## Study vocabulary

1. to stay at school	учиться в школе
2. education	образование
3. higher education	высшее образование
4. secondary education	среднее образование
5. educational establishment	учебное заведение
6. academic subject	гуманитарный предмет
7. subject	предмет
8. foreign language	иностранный язык
9. technical course	технический предмет
10. to charge fee	устанавливать плату
11. primary school	начальная школа
12. secondary school	средняя школа
13. private school	частная школа
14. comprehensive school	общеобразовательная школа
15. workshop	мастерская
16. laboratory	лаборатория
17. boarding-school	школа-интернат
18. to get a degree	получить степень
19. graduation	окончание ВУЗа
20. to graduate from	окончить ВУЗ
21. to attend (lectures)	посещать (лекции)
22. college	колледж
23. tutorial	практическое занятие
24. class (lesson)	урок
25. to teach	обучать
26. term	семестр
27. grant, scholarship	стипендия
28. to study	учиться
29. free of charge	бесплатный
30. compulsory	обязательный
31. to pass an examination	сдать экзамен
32. to fail in an examination	не сдать экзамен
33. to take an examination	держат экзамен
34. entrance	поступление, вход
35. to enter	поступать
36. entrance exams	вступительные экзамены
37. department	отделение
38. commercial course	коммерческий курс
39. hostel	общежитие
40. mark	оценка

### 1. Read international words transcribe and translate them

History, discipline, liberal, discuss, arithmetic, special, physical, organize, social, group

### 2. Find the definition for each term

- |               |   |
|---------------|---|
| 1. Term       | a) money given to support a student during his/her      |
| 2. College    | studies   |
| 3. Tutorial   | b) a speech to a group of people as a method of         |
| 4. Laboratory | teaching  |
| 5. Test       | c) teaching or the training of mind and character       |
| 6. Lecture    | d) one of the periods of time, into which the school or |
| 7. Timetable  | university year is divided                              |
| 8. School     | e) a place of education for children                    |
| 9. Education  | f) a school for professional education                  |
| 10. Grant     | g) a list of the times when school lessons take place   |
|               | h) a lesson given to a very small class                 |
|               | i) a number of questions to measure someone's           |
|               | knowledge   |
|               | j) a room equipped for scientific work                  |

1 \_\_\_\_ 2 \_\_\_\_ 3 \_\_\_\_ 4 \_\_\_\_ 5 \_\_\_\_ 6 \_\_\_\_ 7 \_\_\_\_ 8 \_\_\_\_ 9 \_\_\_\_ 10 \_\_\_\_

### 3. Unscramble the following words

rendlihc _____	lupip _____
toryborala _____	seurco _____
eeegrđ _____	argnt _____
verusniyti _____	uretsel _____
onsels _____	lortnoc _____

### 4. Translate the sentences

1. My college is a four-storeyed building in the centre of the city.  
\_\_\_\_\_
2. When I come to college, I wipe my feet, take off my coat and go to the cloakroom.  
\_\_\_\_\_
3. It was good to come to the classroom before the bell rang.  
\_\_\_\_\_
4. After a few classes, I went to the canteen and had breakfast.  
\_\_\_\_\_
5. Our college is not only the place where we study, it's also the place where we stay after classes to take part in clubs.  
\_\_\_\_\_
6. When my friends who study in other colleges come to this place, they are surprised when they see that everything is in great order.  
\_\_\_\_\_
7. But I will reveal a secret: this is a merit of not only the board of the college but also our second home and we must take care of it.  
\_\_\_\_\_



8. During the breaks, I like to talk with my friends and read the college newspaper.

9 College life is difficult, but I know it's rewarding!

10 That's why I know that tomorrow I'll come here again!

### 5. Study the models. Read and translate the words

**Model:** основа глагола + *tion, -sion, -ion* = существительное

to graduate - \_\_\_\_\_ graduation - \_\_\_\_\_  
to educate - \_\_\_\_\_ education - \_\_\_\_\_  
to exam - \_\_\_\_\_ examination - \_\_\_\_\_  
to direct - \_\_\_\_\_ direction - \_\_\_\_\_

**Model:** основа глагола + *-er/-or* = существительное со значением лица, *производящего*  
действия, или *орудия действия*

to teach - \_\_\_\_\_ teacher - \_\_\_\_\_  
to write - \_\_\_\_\_ writer - \_\_\_\_\_  
to direct - \_\_\_\_\_ director - \_\_\_\_\_  
to learn - \_\_\_\_\_ learner - \_\_\_\_\_

### 6. Write the following sentences in Future & in Past Simple Tenses

1. Victor is free in the evening.

2. All the classrooms are on the first floor.

3. She is at the lecture.

4. The classrooms are the same.

5. My friend has many interesting books.

6. I have a beautiful picture.

7. These students have five examinations.

### 7. Use verbs *to be, to have* in the correct tense-forms and translate the sentences

1. I know that his father \_\_\_\_\_ many books in different foreign languages.  
a) has            b) are            c) is

2. Next year there \_\_\_\_\_ new equipment in our school laboratory.  
a) will be        b) will have        c) had

3. Now there \_\_\_\_\_ an indoor swimming pool in his college.  
a) was            b) are            c) is

4. Ten years ago there \_\_\_\_\_ only a primary school in our village.

a) was            b) were            c) is

5. We \_\_\_\_\_ a large library with a lot of books in it.  
a) have            b) has            c) had
- 

### 8. Translate the sentences and put into the right form of adjectives

1. Moscow University is (large) University in Europe.

2. Strength of materials is (difficult) than chemistry.

3. Is it (interesting) to study at college than at school?

4. My friend works (hard) at his English than I.

5. This group studies (good) than that one.
- 

### 9. Translate the sentences into English

1. Какой самый красивый город в России?
2. Я не знаю, какие игры в спорте более популярны?
3. Теннис более популярная игра, чем гольф.
4. Эта книга значительно интереснее, чем та книга.
5. Февраль – самый короткий месяц в году.

### 10 Give the full answers

1. What is the easiest subject?

2. What is the most difficult subject in your opinion?

3. What is the most interesting subject?

4. What is the most boring subject for you?

5. Which city is bigger – Sochi or St Petersburg?

---

Is New York a bigger city than London?

---

6. What language is more difficult English or Chinese?

---

7. Which is the hottest month of the year?

---

**11. Fill the blanks with the suitable modal verbs (*can, may, must or should*)**

1. Alec will have an English lesson tomorrow. He..... study tonight.
2. Mark is a good student He..... speak English well.
3. There is no ink in my pen. .... I write with a pencil?
4. My friend gave me an interesting book to read. She said, "You..... keep it for seven days."
5. You..... study much if you want to pass the examination well.
6. Carol ..... speak three foreign languages.
7. .... I use your car tonight?
8. You ..... take a day off whenever you like.

**12. Mark the tense-forms of the verbs and translate the sentences**

1. Students asked the lecturer many questions.(\_\_\_\_\_)

---

2. Usually a lab assistant shows the equipment to the students.(\_\_\_\_\_)

---

3. Students watched the process with great interest. (\_\_\_\_\_)

---

4. Tomorrow our teacher will give us a new task. (\_\_\_\_\_)

---

5. He asked me to bring a dictionary. (\_\_\_\_\_)

---

**13. Change following into: a) a general question, b) question with a tag**

1. The course of study at the universities lasts about six years.

---

2. Higher schools have their own computer centres.

---

---

3. The dean will send the students to a big plant in summer.

---

---

4. The teacher told the students to sign their drawings.

---

---

**14. Make questions using the words below**

1. He will graduate from the University next year.

When \_\_\_\_\_?

2. Our students took part in the meeting.

What \_\_\_\_\_?

3. She will teach English at college.

Where \_\_\_\_\_

The best students receive scholarships.

What \_\_\_\_\_

4. The seminar will take place on Monday.

When \_\_\_\_\_

5. The students went to the canteen after the lectures.

How \_\_\_\_\_

**15. Read and translate the text**

**History of education**

As long as we live we continue to learn, and the education we receive when we are young helps us to continue learning. It is thought that schools first started in Egypt 5,000 to 6,000 years ago. Only the sons of nobles attended the first Egyptian schools, which taught reading, physical education and good behavior.

A clear example of the way in which even neighboring peoples produce different types of education comes from ancient Greece. Sparta and Athens were two Greek states. The Spartans, hard and warlike people, gave a purely military education to their children. They were kept under a very strict discipline and were taught hunting, military scouting, swimming and the use of weapons. The Spartans despised literature, and some people think they could not even read.

The Athenians were building what we call a liberal education - one that helps a man to develop all sides of his nature. They thought it is important to educate the body as well as the mind, and had a program of physical training which consisted of running, jumping, wrestling and throwing the discus. As time went on Athenian education paid special attention to reading, writing and literature and these were taught by a special teacher, known as the "grammatist".

Greek philosophers, or thinkers, always discussed what education should try to do and what it should include. Plato wrote a book called "The Republic", which is one of the best books ever written on education. Since those days Greek ideas have influenced European education, especially secondary and university education.

The Romans were very good at organizing, and they were the first people to have schools run by the government free of charge. Throughout their great empire there was a network of these schools

which provided for three stages of education: 1) primary schools, where they learned "three R's" (reading, writing, and arithmetic); 2)"grammar" schools to study the Greek and Latin languages and literatures; 3)the schools of rhetoric to be trained in rhetoric, or public speaking.

### 16. Write English equivalents out of the text

1. Способ, с помощью которого соседствующие народы

---

2. считали важным тренировать как тело, так и ум

---

3. впервые появились в Египте

---

4. по всей великой империи существовала сеть

---

5. мы продолжаем учиться на протяжении всей жизни

---

6. одна из лучших книг, когда-либо написанных об

---

7. обучались охоте, военному ориентированию

---

8. дискутировали о том, что образование должно было пытаться сделать

---

### 17. Complete the table containing some information about systems of education in different countries

The name of the country	Who was taught	What was taught
Egypt		
Sparta		
Athens		

### 18. Make sentences

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. The Slavonic written language came to Rus</li> <li>2. The first university was founded</li> <li>3. In pre-Revolutionary Russia</li> <li>4. After 1991 in Russia along with state schools there appeared</li> <li>5. After the revolution in 1917 education was guaranteed by</li> </ol> | <ol style="list-style-type: none"> <li>a) illiteracy among common people was high.</li> <li>b) the Constitution and was free of charge and the same throughout the country.</li> <li>c) in the 9<sup>th</sup> century.</li> <li>d) in 1755 in Moscow on the initiative of M.V. Lomonosov.</li> <li>e) many private schools, colleges, lyceums, gymnasiums and different courses.</li> </ol> |
|---|---|
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

## **19. Read and translate the text. Make a short summary of the text.**

### **The System of Education in Russia**

The system of education in Russia has slightly changed for the last decade. Now it is presented by four main stages: pre-school education, school education, specialized secondary education, and higher education. Small children between three and six years old can attend kindergartens, if their parents who have to work are busy during the first half of the day. This helps them in socializing and preparing for school life. These children are prepared for a primary school because along with being involved in different games and activities, they are taught basic literacy and numeracy.

School education is the next stage of the whole system, which comprises three steps of the learning process: primary school, basic school and secondary school. Children in Russia begin attending primary school when they reach the age of six and a half or seven and the learning process lasts four years.

Each academic year starts on the first of September in all cities, towns, and settlements of the country. This has become a great national holiday that is celebrated as the Knowledge day. On this day, all streets and squares are crowded by cheerful, nicely dressed schoolchildren carrying bright bouquets of flowers. Practically, on the first of September there are no classes at school, instead pupils have special meetings, take part in festive concerts or go on interesting excursions. This makes the event unforgettable, especially for those who become first-form pupils.

In the primary school schoolchildren learn how to read and to write and are taught fundamentals of general subjects such as mathematics, Russian, literature; besides, they have physical education classes and learn drawing and music. Second-form pupils begin learning a foreign language.

After four years of studying the schoolchildren are admitted to the next step – basic school where they are taught for five years including the ninth form. During this period they acquire basic knowledge in different sciences: exact, natural and the humanities. After finishing the ninth form the students take examinations in two obligatory subjects ( mathematics and Russian) and two other ones chosen by the student. When the schoolchildren pass the examinations, they are given a certificate, stating that they successfully completed the basic secondary school.

Attending classes from the first to the ninth form in Russian schools is compulsory. All school education in our country is free of charge.

After finishing the ninth form students may leave school and begin their working career or they may continue their education in some specialized secondary educational establishments acquiring different professional skills. Those who stay on at school move to the last step – secondary school and become tenth- and eleventh-form students. The curriculum of the final school years provides for deeper learning the subjects of the previous course and some new disciplines. The learning process is completed with the common state examination in mathematics and Russian and some other subjects at the choice of the student. As a rule, schoolchildren choose those sciences which are necessary for admitting to the University.

## **20. Here are some proverbs, sayings and quotations about learnings and education. Translate them.**

1. Education is a gift that none can take away.

2. If you are not willing to learn, no one can help you; if you are determined to learn, no one can stop you.

- 
3. To know everything is to know nothing.
- 
4. A child without education is like a bird without wings.
- 
5. Educating the mind without educating the heart is no educating at all. (*Aristotle*)
- 

**What proverb or quotation would you choose as a motto of your life?**

## **21. Read and translate the text**

### **Beyond Our Dreams!**

From my point of view our college is modern and well-designed. It is four-storeyed building with a sports ground behind it. I really think it is the best educational institution in Moscow. We even have an inside swimming pool!

On the ground floor there are the classrooms for the first-year students, workshops and a library. There are all kinds of tools and machines in the workshops. In the library two librarians help students to find the books they need. In the reading room there are laptops which we can use during the breaks and after classes.

Our canteen is spacious, light and clean. We have our meals there.

The physical training lessons take place in the gymnasium and the swimming pool. We like to go there even after the lessons. To the left of the gym there is a hall and a staircase. The staircase leads to the first floor.

The classrooms are well-equipped. Each room has a teacher's table, student's desks, a board, a computer and a multimedia projection unit. There are special classrooms for Chemistry, Physics, Biology, History, Geography, English and Russian. My English classroom is on the second floor. It has three big windows. There are lots of potted plants on the window sills, and we take good care of them. The board in our classroom is magnetic. We write with markers on it and attach our projects to it with magnets. Next to the board there are maps of Russia and Great Britain, various grammar tables and charts. There is a computer in the right-hand corner. We often listen to original English texts, songs and watch films on a big screen which make our lessons interesting. I like my college. It provides us with everything to help us become good specialists.

## **22. Are the statements true or false? Correct the false ones.**

1. There is an indoor swimming pool in the college.

- 
2. All the classrooms are on the first floor.

- 
3. The classrooms are the same.

- 
4. The classrooms are poor-equipped.

- 
5. We write with chalk on magnetic board.

---

### 23. Read and translate the dialogue

Teacher: And here is the programme for the course. The classes are organized in three sessions. Session A starts at 9:00 am and focuses on speaking and listening. At 10:30 we stop for a coffee break and then gather again at 11:00 in this classroom to start session B.

Boris: And what do we do in Session B?

Teacher: We do all sorts of reading and writing activities. We have reading exercises and story-writing workshops.

Boris: When do we have a lunch break?

Teacher: Every day after Session B there is a one-hour lunch break from 12:30 pm. In the afternoons we participate in various other activities: on Mondays we watch films, on Tuesdays we read magazines and newspapers in the library, on Wednesdays we have guided tours round the city, and on Thursdays and Fridays we just gather in the café to talk about interesting topics. Every day we finish at 3 pm.

Boris: And what are we going to do at weekends? Are there any special arrangements? Or are we free to do whatever we want?

Teacher: We usually go on excursions.

### 24. Find the words with the following meanings:

1. A subject that people talk or write about
- 2 a meeting, at which people try to improve their skills by discussing their experiences and doing practical exercises
- 3 things, that people do in order to achieve a practical aim
- 4 to give special attention
- 5 a period of time used for a particular activity, especially by a group of people
- 6 a period of time when you stop working in order to rest, eat etc.
- 7 plans and preparations
- 8 a series of actions which are designed to achieve something important

### 25. Choose questions you could ask to get these answers

a) Is she going to pay for her education? b) Are they going to pay for their education? c) Is she going to pay for their education?	1. No, they have to finance their own studies.
a) Till what age do pupils stay at schools? b) Till what age do students stay at colleges? c) Till what age do students stay at higher schools?	2. It's sixteen, but a lot of children stay on until eighteen.
a) Will you revise this theme tomorrow? b) Are you ready for your exam? c) Have you been working hard last night?	3. Well, I've been up all night revising for an exam.
a) Do you prefer to study at the college or at the university? b) Do you like to study at the college? c) Do you study at the college?	4. There isn't much difference; it's just that the courses are more practical here.
a) Why did not you come at the party last week? b) Why won't you come at the party next week? c) Why will you come at the party next week?	5. Because I was ill.



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

**26. Fill in the gaps using the words given below. Use each word only once**

*your, a fee, compete, higher, charge, students, expensive, varies, universities, grants*

- What about \_\_\_\_\_ education the USA? Is it \_\_\_\_\_ ?
- Rather. Many \_\_\_\_\_ receive financial support from parents or relatives.
- Can students go to the university free or \_\_\_\_\_ ?
- Everyone must pay \_\_\_\_\_. The amount \_\_\_\_\_ from state to state. However, each university offers a number of \_\_\_\_\_ to deserving students.
- Are they given only by \_\_\_\_\_ ?
- No. Grants come from different sources. You have to \_\_\_\_\_ to get your grant and show \_\_\_\_\_ academic achievement.

**27. Translate the following sentences from Russian into English.**

1. Образование можно разделить на два вида: неофициальное и официальное. 2. Люди получают неофициальное образование в течение их повседневной жизни. 3. Иногда люди по своей собственной инициативе учатся различным навыкам или получают информацию о чём-нибудь. 4. Можно также получить неофициальное образование в различных школах, колледжах, университетах. 5. Учащиеся должны регулярно посещать школу, приходить вовремя. 6. Они также должны сдавать экзамены. 7. В большинстве стран система образования включает как общее, так и профессиональное образование. 8. В большинстве стран общее образование можно получить в начальных и средних школах. 9. Целью профессионального образования является подготовка обучающихся к получению профессии.

**28. Make a summary of the text using the following phrases.**

1. The title of the text is ...
2. The text is about..... The text deals with...
3. The text covers such points as....first.....second.....third....
4. It should be underlined that.....
5. In conclusion, I may say that...
6. To my mind.....In my opinion.....

**Moscow State University**

The university was established on January 25, 1755 by a decree of Russian Empress Elizabeth. January 25 is still celebrated as the Students' Day in Russia. Originally it was allocated in the Principal Medicine Store on the Red Square, and then the university was transferred by Catherine the Great to the present neoclassical building on the other side of the Mokhovaya Street. In 1940 the university was renamed in honour of its founder Mikhail Lomonosov.

At present the main faculties are situated on Vorobjevy Gory. The building was designed by architect Lev Vladimirovich Rudnev. The main building of Moscow State University was by far the largest. It was also the tallest building in Europe at that time. The central tower (240m and 36-stories high) was flanked by four huge wings of student and faculty accommodations. It contains a total of 33 kilometers of corridors and 5,000 rooms. The star on the top is large enough to provide a small room and a viewing platform; it weighs 12 tons.

There are a lot of faculties now, such as Faculty of Mechanics and Mathematics, Faculty of Physics, Faculty of Chemistry, Faculty of Psychology, Faculty of Foreign Languages, etc.

## **29. Answer the questions**

1. What educational institution do you study?
2. When was it founded?
3. Where is it situated?
4. What departments are there in your institution?
5. What will your future profession be?
6. What subjects do you learn?
7. Do you live with your parents or in the hostel?

## **30. Read and translate the text.**

### **Cambridge**

The university is like a federation of colleges. It arranges the courses, the lectures and the examinations, and awards the degrees. The universities of Oxford and Cambridge each have over 10000 full-time students. Oxford is older than Cambridge, more philosophical, classical and theological. Cambridge, on the other hand, is more scientifically based. But in many respects (especially their prestige and wealth) they look very alike; therefore they are often referred to collectively for convenience as Oxbridge. They are sometimes called “two intellectual eyes of Britain”. Admission to the universities is based on the old tribal patterns which guide boys from traditional schools to traditional universities. Candidates to Oxford and Cambridge are largely self-selected, much influenced by parents, school-friends and family background.

Cambridge started during the 13<sup>th</sup> century and grew steadily, until today there are more than twenty colleges. Most of them allow visitors to enter the grounds and courtyards. The most popular place from which to view them is from the Backs, where the college grounds go down to the River Cam.

The oldest college is Peterhouse, which was founded in 1284, and the most recent is Robinson College, which was opened in 1977. The most popular is probably King’s, because of its magnificent chapel. Its choir of boys and undergraduates is also very well known.

The University was exclusively for men until 1871 when the first women’s college was opened. Another was opened two years later and a third in 1954. In the 1970s, most colleges opened their doors to both men and women. Almost all the colleges are now mixed, but it will be many years before there are equal numbers of both sexes.

Every year, thousands of students come to Cambridge from overseas to study English.

To the North of this ancient city is the modern face of the University – the Cambridge Science Park, which has developed in response to the need for universities to increase their contact with high technology industry. It was established in 1970 by Trinity College, which has a long scientific tradition going back to Sir Isaac Newton. It is now home to more than sixty companies and research institutes.

The ideas of “science” and “parks” may not seem to go together naturally, but the whole area is in fact very attractively designed, with a lot of space between each building. The planners thought that it was important for people to have a pleasant, park-like environment in which one can work.

## **31. Answer the questions in writing.**

How does Oxford differ from Cambridge? What is common?

What is the most popular place to view the grounds and courtyards?

How is the oldest college called?

Why is King’s the most popular college?

When did colleges become mixed for men and women?

Why is the Cambridge Science Park so important?

What does the Park contain now?

# UNIT 2



**TOPIC:** *Environment protection*

**GRAMMAR:**

*Word building (-ment, re-)*

*Tenses Active & Passive*

*Modal verbs & their equivalents*

**READING:**

*We must protect our environment*

*Pollution*

*The world of animals*

## Study vocabulary

1. environment	окружающая среда
2. environment protection	защита окружающей среды
3. ecology	экология
4. to be concern about	беспокоиться о чём-либо
5. to protect our planet	защищать нашу планету
6. to pollute	загрязнять
7. air pollution	загрязнение воздуха
8. water pollution	загрязнение воды
9. natural resources	природные ресурсы
10. destruction	разрушение, уничтожение
11. plant	пагубный
12. nuclear waste	ядерные отходы
13. to harm	причинять вред
14. littering	засорение
15. to recycle	перерабатывать
16. to degrade	разрушаться, распадаться
17. litter	мусор
18. acid rain	кислотный дождь
19. species	вид
20. to disappear	исчезать
21. to forecast	предсказывать
22. garbage	отбросы
23. greenhouse effect	парниковый эффект
24. on the brink of extinction	на грани исчезновения
25. to destroy the ozone layer	разрушать озоновый слой
26. global warming	глобальное потепление
27. bad breath	выхлопной газ
28. to put trash into	сбрасывать мусор в
29. to get contaminated	быть отравленным
30. an unlimited source of resources	неисчерпаемый источник ресурсов
31. to absorb smth	поглощать
32. to pump waste gases	выбрасывать отработанные газы
33. to lead to forest damage	привести к повреждениям
34. water shortage	нехватка воды
35. abuse of arable lands	неправильное использование земель
36. area	область
37. bring about	вызывать
38. circumstances	обстоятельства
39. effort	усилие
40. evident	очевидный
41. growth	рост
42. mankind	человечество
43. purpose	цель, назначение
44. reach	достигать
45. solve	решать
46. success	успех
47. joint efforts	совместные усилия
	принимать меры

48. take measures	добра́я воля
49. good will	сообщество
50. community	беспокоиться
51. worry	страдать
52. suffer	лицо, сталкиваться
53. face	очистительная система
54. purifying system	отдаленный район
55. remote area	очищать
56. to purify	городской
57. urban	углекислый газ
58. carbonic gas	опустошать
59. devastate	разнообразие
60. diversity	экосистема
61. ecosystem	выделять (хим.)
62. educe	испарение
63. evaporation	кислород
64. oxygen	восполнять
65. replenish	

### 1. Read international words transcribe and translate them

Global, resources, problem, territory, oceanic, situation, atmosphere, process, climate, balance, immune system

### 2. Unscramble the following words

ortfef \_\_\_\_\_ gebagar \_\_\_\_\_  
 geshtroa \_\_\_\_\_ tesaw \_\_\_\_\_  
 cesresruo \_\_\_\_\_ lerecyc \_\_\_\_\_  
 owthgr \_\_\_\_\_ astrofce \_\_\_\_\_

### 3. Find the definition for each term

- |               |   |
|---------------|---|
| 1. pollution  | a) the act of keeping something safe by guarding or covering  |
| 2. growth     | b) the human race, both men and women   |
| 3. standpoint | c) a group of people living together and or united by shared interests, religion, nationality, etc. |
| 4. mankind    | d) the action of making something dangerously impure  |
| 5. protection | e) a position from which things are seen and opinions formed  |
| 6. community  | f) increase in numbers or amount  |

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

### 4. Translate the sentences

1. The bigger the cities are, the greater the pollution is.

---

2. The more we study nature, the more we know about it.

---



---

3. The more automobiles appear in the streets, the worse the air in the cities is.

4. The nearer the earth is, the denser the atmosphere.

5. The quicker we joint our efforts in protecting the environment, the quicker the ecological problems are solved.

6. The stronger the wind, the harder the conditions of work for weather observers.

## 5 Study the models. Read and translate the words

**Model:** глагол + *-ment* = существительное

to environ- окружать

environment- окружение

to enroll-

enrolment -

to develop -

development -

to achieve -

achievement

to move-

movement -

**Model:** префикс *-re* (повторность действия)

renew - обновлять, восстанавливать

renewal - восстановление

renewable - восстанавливаемый, восстанавливающийся

rebuild

remake

reuse

reorganize

## 6. Make possible word pairs

1. air

2. polluted

3. acid

4. balance

5. plastic

6. global

7. drinking

8. public

9. to protect

10. bad

11. greenhouse

12. water

13. environment

14. oil

a) rain

b) of nature

c) bottle

d) water

e) pollution

f) spills

g) transport

h) water

i) warming

j) breath

k) shortage

l) protection

m) effect

n) our planet

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_ 7. \_\_\_\_\_

8. \_\_\_\_\_ 9. \_\_\_\_\_ 10. \_\_\_\_\_ 11. \_\_\_\_\_ 12. \_\_\_\_\_ 13. \_\_\_\_\_ 14. \_\_\_\_\_

## 7. Make pairs of synonyms

1. tremendous

2. epoch

3. realize

a)

b)

c)

advance

some

great

- |             |          |         |
|-------------|----------|---------|
| 4. several  | d)       | make it |
| 5. work     |          |         |
| 6. progress | possible |         |
| 7. fields   | e)       | era     |
|             | f)       | area    |
|             | g)       | job     |

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_ 7. \_\_\_\_\_

### 8. Fill in the correct verb from the list:

*look after, create, cut down, breathe, improve, causes, hunt.*

- The government should \_\_\_\_\_ a law to ban cars.
- Logging companies \_\_\_\_\_ too many trees.
- We must \_\_\_\_\_ our planet before it's too late.
- We can't \_\_\_\_\_ without air and water.
- The government wants to \_\_\_\_\_ a park where endangered species can live safely.
- Heavy traffic \_\_\_\_\_ a lot of air pollution.
- Many people \_\_\_\_\_ endangered species for their fur.

### 9. Give all forms of the verbs below and translate them

grown \_\_\_\_\_  
stand \_\_\_\_\_ dealing  
\_\_\_\_\_ brought  
\_\_\_\_\_ knew  
\_\_\_\_\_ making  
\_\_\_\_\_ send  
\_\_\_\_\_ found  
\_\_\_\_\_ thought  
\_\_\_\_\_ spending  
\_\_\_\_\_

### 10. Mark the tense-forms of the verbs and translate the sentences

- Water and air are becoming more and more polluted. (\_\_\_\_\_)
- Measures have been taken to save the lake Baikal. (\_\_\_\_\_)
- The situation of the lake Baikal remains very serious. (\_\_\_\_\_)
- Much attention has been paid at present to the development of international scientific contacts. (\_\_\_\_\_)
- Science has become a leading factor in the progress of mankind. (\_\_\_\_\_)

### 11. Make the indicated forms

to increase (Present Perfect) \_\_\_\_\_  
to remain (Past Simple) \_\_\_\_\_  
to worry (Present Continuous) \_\_\_\_\_  
to deal with (Future Simple) \_\_\_\_\_

### 12. Underline the *Continuous* forms

1. a) was burning, b) burnt, c) are burnt
2. a) pollutes, b) was polluted, c) are going to pollute
3. a) were being recycled, b) recycled, c) will be recycled
4. a) were affected, b) is affecting, c) affects
5. a) protect, b) will be protected, c) is going to protect
6. a) forecast, b) were forecasting c) have forecasted
7. a) harms, b) are harmed, c) is being harmed

### 13. Tick the correct translation of the underlined verbs

1. It was his brother who watered my garden yesterday.  
a) поливает, в) полил, c) был полит
2. Numerous questions were being discussed by the commission.  
a) обсуждались, в) были обсуждены, c) обсудили
3. They burnt coal to warm the house.  
a) сжигали, в) сожгут, c) был сожжён
4. In spite of all difficulties the people were saved.  
a) спаслись, в) будут спасены, c) были спасены
5. The nuclear waste will be destructed for ever.  
a) уничтожили, в) уничтожаются, c) будут уничтожены
6. Passenger transport becomes quite a problem in all large cities of the world.  
a) становится, в) станет, c) стал

### 14. Use the correct tense - forms of verb *to study* according to the circumstances

1. Our government\_\_\_\_\_ data on the land, the forest and the air on today's meeting.
2. Our government\_\_\_\_\_ data on the land, the forest and the air every year.
3. Our government\_\_\_\_\_ data on the land, the forest and the air tomorrow morning.
4. Our government\_\_\_\_\_ data on the land, the forest and the air last month.
5. Our government\_\_\_\_\_ data on the land, the forest and the air by this Friday.

### 15. Fill in the gaps with the words and word combinations in italics

*Energy-saving, a part of it, air pollution, oxygen, breathe, countryside, movements, take care, extinct and endangered, deforestation.*

1. People should live closer to nature because we are .....
2. Many people prefer to live in the .....
3. The big city is always synonymous with high ..... from vehicles or industry.
4. People can't live without .....
5. I would never cut down trees, they let us .....
6. Seventy per cent of land animals and plants live in forests, and many cannot survive the .... That destroys their homes.
7. Land degradation leads to an increasing number of ..... animals.
8. To save our planet we must ..... of it.
9. The least we can do is try and adopt some ..... methods.
10. Our company supports ecological organizations and .....

### 16. Rewrite the sentences in indirect speech (Study the grammar: The Sequence of tenses)



1. The reporter noted: "There is a serious lack of resources available to us now."

2. They admitted: "The earth is now overpolluted."

3. Anna said: "To ride a bike is good for the environment and great for your health"

4. Our teacher explained to us: "Many chemicals destroy the ozone layer because they interact with ozone."

5 A famous ecologist said: "The use of nuclear energy has led to the threat."

6 I asked myself: "What are the ingredients of these cleaning products?"

### 17. Put the verbs in brackets into the correct form

1. If people \_\_\_\_\_ (not/drop) litter on beaches, our beaches would be much cleaner.
2. If people \_\_\_\_\_ (stop) using aerosols, it would help environment.
3. If hunters stopped killing so many tigers, they \_\_\_\_\_ (not/be) an endangered species.
4. If people \_\_\_\_\_ (not/use) so much paper, there would be more rainforests.
5. If people shared their cars, there \_\_\_\_\_ (be) fewer cars on the roads.

### 18. Make the sentences

1. Mathematics, must, every, is, well, institutes, studied, technological, at all, because, engineer, know, it.

2. Subject, it, article, is, the, interesting, most, on, this.

3. Problems, it, can, has, global, become, evident, that, solved, ecological, be, only, on, the, level.

4. The, to, use, of, the, new, possible, number, equipment, made, it, minimize, the, of, workers.

5. It, that is, situation, industrialization, serious, is, making, ecological, very.

### 19. Make questions using the words below

1. The British, like many other Europeans, are becoming more and more worried about their environment.

What \_\_\_\_\_

2. The number of cars and lorries is growing all the time.

How many \_\_\_\_\_

3. People living near airports suffer from the noise of increasingly larger and more powerful jet airliners taking off and landing.

What \_\_\_\_\_

4. Water pollution has become a serious problem in many British rivers.

Where \_\_\_\_\_

5. The air in many towns and cities is being polluted by traffic and industry.

What \_\_\_\_\_

## 20. Fill in the gaps with the words in the box.

Greenpeace, oxygen, jungle rain forests, ecology, breathing, nature, wildlife, flora and fauna.

## Who can save our planet?

People depend on the planet, on the Sun, on animals and plants around them.

People must take care of the Earth. Our ... becomes worse and worse with every new day. People destroy .... and cut down trees to make furniture. They forget that they can't live without trees and plants, because they fill the air with ... . Oxygen is necessary for our ... . We can't stay indifferent to these problems.

There are a lot of special organizations which are trying to save our nature. One of them is ... . Their aim is to help .... To survive, to rescue animals, to save ..., which are in danger of destruction. We must find the right way to save our land, people and animals. We must take care of ... because we are a part of it.

## 21. Construct sentences

- |  |   |
|--|---|
| 1. That computers and industrial robots are important  | a) in many environmental problems.                                |
| 2. Progress can be blamed                              | b) brings about considerable pollution of the air.                |
| 3. One must realize that the increasing number of cars | c) for industrial uses is well-known to scientists and engineers. |
| 4. It is the growth of industrialization               | d) never been disturbed to such an extent as in our times.        |
| 5. The ecological balance of the planet has            | e) has been accomplished by now.                                  |
| 6. The construction of this purifying system           | f) that is changing the climate of the planet.                    |

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

## 22. Replace one word in every sentence in order that the content would be true

1. Animals are responsible for the problem of air pollution.

2. Trees and other plants help to increase air pollution.

3. Wildlife reservations can disturb nature.

4. At present one of the most important problems for mankind is that air and

water pollution are reaching very small proportions.

- 
5. Industrialization and use of resources will never change the global climate and water balance.
- 

### **23. Read and translate the text**

#### **We must protect our environment**

Our country. Our environment. There are many big and small rivers, green forests, high mountains, lakes and seas in Russia.

Our Earth is our home. I think people must take care of our Motherland.

There are some laws and decisions on this important subject. We have state organizations which pay attention to this problem.

The international conventions pay much attention to the control of pollution too.

There are a lot of industrial enterprises in our country that's why we can't ignore the problem of the protection of our environment. Our main aim is the protection. Our environment must be clean. What must we do for it? We have to control atmospheric and water pollution, to study the man's influence on the climate. The pollution of the environment influences the life of animals, plants and our human life. If we don't use chemicals in a proper way we'll pollute our environment.

Our plants and factories put their waste materials into water and atmosphere and pollute the environment.

There are many kinds of transport in our big cities that is why we must pay attention to the protection of our nature and the health of the people.

Radiation. Now it has become one of the main problems. It is not good for health of people. Many people died from radiation some time ago in Chernobyl. It was a tragedy.

Another problem is earthquake. We know some terrible earthquakes in Japan, which caused great catastrophe at the atomic power station. Our scientists try to forecast earthquakes, and then we can protect ourselves from them.

The people all over the world do everything to protect their nature, to make their country richer, to make their life happier.

### **24. Answer the questions**

1. The protection of our environment is an important problem, isn't it?  
a) Yes, it is; b) No, it isn't.
2. Are there any laws and decisions on this question?  
a) Yes, there are; b) No there aren't.
3. Do our state organizations pay attention to the problem of the protection of the environment?  
a) Yes, they do; b) No, they don't.
4. We are against the pollution of environment, aren't we?  
a) Yes, we are; b) No, we aren't.
5. Is the problem of protecting our nature so important now?  
a) Yes, it is; b) No, it isn't.
6. Do you know anything about terrible earthquakes in our country?  
a) Yes, I do; b) No, I don't.
7. Is it possible to forecast earthquakes?  
a) Yes, it is; b) No, it isn't.
8. Radiation is a very important problem, isn't it?  
a) Yes, it is; b) No, it isn't.
9. Did many people die from radiation some time ago in Chernobyl?  
a) Yes, they did; b) No, they didn't.
10. Do you love your Motherland?

a) Yes, I do; b) No, I don't.

11. The people all over the world do everything to protect their nature, don't they?

a) Yes, they do; b) No, they don't.

## 25. Read and translate the text

### Pollution

Man has been trying to make his life easier for many centuries. In doing so, he invented machines and instruments. They have been working and polluting the live in.

In this world around us, there are two things that do not belong to any one country: air and ocean water. In both the air and the water, there is much pollution. People are concerned about the air and the water used by everyone, and they also concerned about the future in the Earth.

One of the most important pollution problems is in the oceans. Many ships sail in the ocean water – fishing ships, some ships carrying people, some carrying oil. If a ship loses some of the oil in the water or trash from the ships is put into the ocean, the water becomes dirty. Many birds and fish die because of the polluted water. Many fish are dying in sea, others are getting contaminated. Fishermen catch contaminated fish which may be sold in markets and people may get sick from eating them. Fish may also move to another part of the ocean. Lakes and rivers are getting polluted, too. Some beaches are considered dangerous for swimming.

The second important problem is air pollution. Cars and factories pollute the air we use. It also destroys the ozone layer which protects the Earth from dangerous light of the Sun.

Another problem is that our forests are dying from acid rain. This, in its turn, affects the balance of nature. If we want our children to live in the same world we live in, or in a better and healthier world, we must learn to protect the air and the Earth from pollution.

## 26. Answer the questions

1. Why are people concerned about air and water?

---

2. What are the consequences (последствия) of water pollution?

---

3. What are the consequences of air pollution?

---

4. What should people do if they want to live on the Earth?

---

---

## 27. Translate into English

1. Чтобы облегчить свою жизнь, люди изобретали машины и инструменты.

---

2. Люди озабочены загрязнением воды и воздуха.

---

3. Суда, сбрасывая отходы в океан, загрязняют воду.

---

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4. Рыба в загрязненной воде умирает или становится ядовитой.

5. Машины и фабрики загрязняют воздух и разрушают озоновый слой Земли.

6. Кислотный дождь нарушает баланс в природе.

7. Люди должны научиться защищать землю и воздух от загрязнения.

## 28. Read and translate the text

### The world of animals

Our country is rich. Its vast territories lie in different climatic zones from the North Pole to subtropics in the South.

Our country's fauna is extremely rich, numbering great amounts of various mammal species, species of birds and fishes. Northern areas are rich in the polar bear, polar fox, seal, walrus, whale, sable wolf, silver fox, brown bear, reindeer, marten, lynx and many others. Most of them are valued for their fur. Various species of birds and fishes are numerous. The southern area of our country is the habit of such representatives of fauna as the lion, leopard, desert lynx, hyena, fox, gazelle, wild goat, red deer, Blue Anthelope Gnu, bison, various kinds of snakes, birds and fishes.

Many species of animals live free of danger from man in national parks.

The first national park was set up in the USA. It is more than one hundred years old. There are 7 such parks in our country.

In 1948, 230 countries organized "The International Union for Conservation of Nature and Natural Resources" (IUCN). A lot of State Reservations have been founded since that time. Under their protection some rare animals have multiplied to an extent making hunting possible, so that we can now obtain from them valuable fur, medical raw material and other products.

## 29. Find the English words and expressions in the text

Виды млекопитающих \_\_\_\_\_  
некоторые редкие животные \_\_\_\_\_  
не опасаясь \_\_\_\_\_  
размножились \_\_\_\_\_  
организовать заповедники \_\_\_\_\_  
морж, песец, олень, рысь \_\_\_\_\_  
ценный мех \_\_\_\_\_  
сырьё \_\_\_\_\_  
представители фауны \_\_\_\_\_  
под защитой \_\_\_\_\_  
быть богатым чем-либо \_\_\_\_\_

## 30. Answer the questions

1. What is the fauna of our country rich with?

2. Why do many species of animals live free of danger from man?

3. What is the oldest National Park in the world?

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4. What \_\_\_\_\_ is \_\_\_\_\_ IUCN?

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5. When \_\_\_\_\_ was \_\_\_\_\_ IUCN \_\_\_\_\_ organized?

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6. What makes the hunting possible in our times?

---

7. What can we obtain from the animals?

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### **31. Read and translate the text**

#### **Forests – Ecosystems or Green Gold?**

The forest is a basis for the existence of many organisms. The forest protects the Earth from erosion, prevents evaporation – in this way it feeds rivers and serves home for animals. The forest is not only trees. Under the branches of higher trees, there are lower trees and then – grass, mushrooms, etc. In this way, the density of organisms and their diversity is very high.

Forests are often called “the lungs of the planet”. As we know, when man breathes, he consumes air containing oxygen and gives out air containing carbonic gas. So the amount of carbonic gas increases. This gas is also educed in the process of burning. But there is a way back. During the photosynthesis, carbonic gas turns into oxygen. It's the forests that do the main part of work turning CO<sub>2</sub> into O<sub>2</sub>. This explains their name “the lungs of the planet”.

In his activity, man needed timber for building and warming his home and fields for growing crops. That's why for hundreds of centuries forests were disappearing and the ecological balance was being changed.

For the first civilizations of people, it was difficult to realize the possible danger. Recently the paleontologists have found out that ecological crises happened in ancient times. One of the tribes of the South American Indians – Anasasi – abruptly left its place of living with roads and irrigation systems around 1200 AD. It happened because they had destroyed forests so violently that the latter didn't replenish on the devastated areas. Similar problems appeared in the 20<sup>th</sup> century. The only difference was that people started thinking the situation over. That's when ecology appeared.

It's extremely important to take care of forests. If a forest is destroyed because of commercial interests, there will be little water and the erosion will start on the slopes. Thus, the productivity of planes will decrease. This shows how important forests are. For the sake of life on the Earth there must be large areas of natural ecosystems.

Our country does much to preserve forests. In 1942, the so-called “forests of the first group” were created. It is illegal to cut them. Still, much depends on the people. Because of them forest fires take place. It will take one hundred years to grow the similar forest in the same place. It's our task to save natural resources because we are a part of nature, the most reasonable and responsible part. Only if we take care of the Earth, people who'll live after us will have a clean planet, fit for healthy living.

#### **32. Answer the following questions to the text.**

1. What does the forest do for our planet?
2. Does the forest consist only of trees?
3. Why are forests often called “the lungs of the planet”?
4. What was commercial interest in forest? Did nature suffer because of the activity of man?
5. Were there ecological crises in ancient times? Give an example from the text.
6. When did ecology appear?
7. What happens if forests are destroyed?
8. Does our country preserve forests? What is done for their protection?
9. Will our children live on a clean planet if we take care of nature? What will happen in reality, in your opinion?

#### **33. Continue the following statements.**

1. The forest protects the Earth from erosion ...
2. Under the the branches of higher trees, there are ...
3. When man breathes, he ...
4. During the photosynthesis ...
5. In his activity, man needed timber ...
6. Recently scientists have found out that ecological crises ...

7. If the forest is destroyed because of commercial interests ...
8. Our country protects forests: in 1942 ...
9. Only if we take care of Earth ...

**34. Write an essay on one of the following topics.**

1. The ecology of Russia.
2. The protection of Lake Baikal.
3. Cutting forests: profitable business or danger for the ecosystem?



# UNIT 3



**TOPIC:** *Means of communication*

**GRAMMAR:**

*Imperative mood*

*Modal verbs*

*Tense Review*

**READING:**

*The Main Parts of the System*

*Is there an End to the Computer Race?*

*Dialogue*

## Study vocabulary

1. hardware	аппаратное обеспечение
2. system board	системная плата
3. power	сила, мощность, энергия
4. keyboard	клавиатура
5. mouse	1) мышь 2) мышь (устройство указания)
6. to process	обрабатывать
7. processor	процессор
8. drive	дисковод
9. driver	программа управления устройствами
10. case	случай, коробка, футляр, кофух
11. content	содержание
12. type	печатать
13. key	клавиша
14. manual	справочник, руководство, ручной
15. software	программное обеспечение
16. application	применение
17. slide	скользить
18. remote control	пульт дистанционного управления
19. paste	вставлять, копировать
20. switch	включать
21. screen	экран
22. pointer	указатель, указка
23. button	пуговица, кнопка
24. display	выставлять, показывать
25. character	символ
26. dot	точка
27. sharp	острый, резкий, точный
28. resolution	разрешающая способность
29. plug in	вставлять штепсель в розетку
30. strain	натяжение, напряжение, нагрузка
31. reduce	уменьшать, понижать
32. adjust	приспосабливать(ся)
33. screen saver	режим отключения экрана при паузах в работе
34. drag	перетаскивать
35. click	щелкать
36. circuit	схема, цепь
37. install	устанавливать
38. erase	стирать
39. path	путь
40. cellular phone, mobile phone	сотовый телефон
41. cellular communication	сотовая связь
42. message	сообщение
43. mobile network operator	оператор сотовой связи
44. gadget	электронное устройство
45. Multimedia Messaging Service	служба мультимедийных сообщений
46. Short Message Service	служба коротких сообщений

## 2. Unscramble the following words

cucirit \_\_\_\_\_ aplisdy \_\_\_\_\_ tercracha  
\_\_\_\_\_ tireonluso \_\_\_\_\_ numaal  
\_\_\_\_\_ llintsa \_\_\_\_\_

## 3. Underline the correct spelling

1. устройство – divise, device, divice, divese, dyvice
2. выводить на печать – prynd, prind, print, printe, prinde
3. время – taum, taim, time, tyme
4. дата, число – deit, deyt, dete, date, dat
5. файлы – failz, fails, faylz, files, filez

## 4. Find the definition for each term

- |                |  |
|----------------|--|
| 1. application | a) programs, that make a computer work                 |
| 2. hardware    | b) a device used to point or drag some elements on the |
| 3. resolution  | screen, to start the computer program                  |
| 4. software    | c) the putting to use                                  |
| 5. mouse       | d) the characteristics of the monitor                  |
|                | e) machinery which makes up the computer               |

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

## 5. Make possible pairs of words

- |                   |                 |
|-------------------|-----------------|
| 1. to control     | a) problems     |
| 2. to solve       | b) operations   |
| 3. to insert into | c) parts        |
| 4. to imagine     | d) information  |
| 5. to connect     | e) data         |
| 6. to remove      | f) calculations |
| 7. to perform     | g) units        |
| 8. to house       | h) life         |
| 9. to store       | i) machine      |
| 10. to issue      | j) commands     |
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_  
6. \_\_\_\_\_ 7. \_\_\_\_\_ 8. \_\_\_\_\_ 9. \_\_\_\_\_ 10. \_\_\_\_\_

## 6. Complete the sentences

- |           |                 |
|-----------|-----------------|
| 1. Press  | a) the key      |
|           | b) copied       |
|           | c) copy         |
| 2. Insert | a) prompted     |
|           | b) rename       |
|           | c) the diskette |
| 3. Check  | a) the disk     |
|           | b) enter        |
|           | c) display      |

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

## 7. Translate into Russian

1. The computer is already on the desk, but the keyboard has not been unpacked yet. \_\_\_\_\_
2. Usually it takes some time to learn to use a mouse. \_\_\_\_\_
3. Thanks to computers we can process information millions times quicker. \_\_\_\_\_
4. How many letter keys are there on computer keyboard? \_\_\_\_\_
5. Two manuals came with this computer. \_\_\_\_\_
6. This remote control needs 4 batteries to power it \_\_\_\_\_

## 8. Write Tense & Voice and translate the forms below

1. is sliding \_\_\_\_\_
2. has reduced \_\_\_\_\_
3. typed \_\_\_\_\_
4. had processed \_\_\_\_\_
5. will adjust \_\_\_\_\_
6. operates \_\_\_\_\_
7. is provided \_\_\_\_\_
8. was processed \_\_\_\_\_
9. will be typed \_\_\_\_\_
10. were pressed \_\_\_\_\_

## 9. Use Modal Verbs instead of their equivalents in the forms below

1. was able to switch \_\_\_\_\_
2. has to be provided \_\_\_\_\_
3. is able to adjust \_\_\_\_\_
4. is to adapt \_\_\_\_\_
5. were allowed to type \_\_\_\_\_

## 10. Translate the following pairs into Russian

1. was to switch – was switching \_\_\_\_\_
2. will have to display – will display \_\_\_\_\_
3. is able to install – is installed \_\_\_\_\_
4. had to slide – slid \_\_\_\_\_
5. will be to process – will be processed \_\_\_\_\_

## 11. Write the correct auxiliary verbs

1. \_\_\_\_\_ Windows tell your computer what to do? – Yes, it does.
2. \_\_\_\_\_ you use these programs interchangeably? – Yes, I shall.

3. \_\_\_\_\_ he pasting portions of one document into another one? – Yes, he is.
4. \_\_\_\_\_ many application programs written to run with Windows? – Yes, they are.
5. \_\_\_\_\_ they supply their office with necessary equipment? – Yes, they did.
6. \_\_\_\_\_ anybody been working on that PC? – Yes, we have.

### 12. Give the full answer

1. Does the monitor allow you to see the results of your work?

---

2. Must this information be processed and stored?

---

3. Is that program called Paintbrush?

---

4. Were our scientists taking part in the research project?

---

5. Can some programs be difficult to remember?

---

6. Have they connected the cables at last?

---

### 13. Tick the correct translation

1. Files in target drive will be erased.
  - a) Уничтожьте файлы на дискете, на которую ведется записью
  - b) Файлы на дискете, на которую ведется запись, были уничтожены.
  - c) Файлы на дискете, на которую ведется запись, будут уничтожены.
2. Diskette is write-protected.
  - a) На дискете ведется запись.
  - b) Дискета защищена от записи.
  - c) Защитите дискету от записи.
3. Data on disk will be lost.
  - a) Данные на диске потеряны.
  - b) Данные на диске будут потеряны.
  - c) Данные на диске будут уничтожены.
4. Write not completed.
  - a) Не заканчивайте запись.
  - b) Запись не закончена.
  - c) Незаконченная запись.
5. Path not found.
  - a) Найдите путь к файлу.
  - b) Путь к файлу не обнаружен.
  - c) Необнаруженный путь к файлу.

### 14. Read and translate the text

#### The Main Parts of the System

There are many hardware pieces in a computer system. Some are: system board, power supply, keyboard, mouse, hard drive, monitor and video card and its drivers.

**The case** is the large metal box and is the main part of the computer. The case and its contents (power supply, system board, etc.) are called the system unit. The case protects the delicate electronics inside.

**The keyboard.** You communicate with your computer with the keyboard. With it, you type instructions and commands for the computer, and information to be processed and stored. The instruction manuals for most software applications contain a section describing the functions of each key or combination of keys.

**The mouse** works by sliding it around on a flat surface. To use the mouse, slide it until the pointer's

point is on something, like a button or an icon. Then:

Click - position the mouse pointer over an element and press and release the left mouse button one time.

Double-click - press the mouse button twice without moving the mouse between clicks. Usually you double-click on an icon to start the program.

Drag - position the mouse pointer over an element, press and hold the left mouse button, and drag the mouse across the screen. The pointer moves, dragging the element

**The monitor.** Your computer is not complete without the monitor, a TV-like device. The monitor displays text characters and graphics. It allows you to see the results of the work going on inside your system unit. The image that you see is made up of tiny dots called pixels. The sharpness of the picture depends on the number and size of the pixels. The more pixels, the sharper the image is. This is called resolution.

### 15. Fill in the chart

The part	Its function
Mouse	
Monitor	
Case	
Keyboard	

### 16. Read and translate the text

#### Is there an end to the Computer Race?

Today the word "electronics" is in general usage. Millions of people have electron watches. There are a lot of various radio and TV sets and tape-recorders in our houses. In factories and plants we are surrounded with electronically controlled machines and instruments, we are carried by airplanes, ships, trains and cars with built-in electronic devices and satellites circle the globe. In other words, we are living in an electronic world.

And the center of this world is a tiny silicon plate of a few square millimeters, an integrated circuit, or a chip. The integrated circuit is undoubtedly one of the most sophisticated inventions of man, science and technology. It is in the heart of every electronic device and the more tape-recorders, TV sets and computers we need, the more integrated circuits are required.

When we speak about a further development of computers we mean not only quantity, but also high technology and high speed. In the past it took scientists and researchers a whole lifetime to make a few thousand calculations, whereas for a modern computer this task is a matter of a few seconds.

At present computers capable of performing billions of operations a second are required. Supercomputers are different from ordinary computers. The ordinary computer does the computations operation, while the supercomputer operates like a brain: all operations are being done simultaneously. To develop such a computer qualitatively new integrated circuits were required.

### 17. Answer the questions

1. What is this text about?

2. What new things appeared in people's every day life?

3. What is at the center of all these things?

4. What applications of computers do you know?

5. How does a supercomputer operate?

---

6. What is the speed of a new supercomputer?

---

## 18. Read and translate the text

### The Role of Technical Progress

The scientific and technical revolution has changed our lives very much. Computers, mobile phones and other digital devices have entered our everyday life.

The atomic, space and energy age was followed by the age of computers. The tasks which had seemed eternal before have been solved one by one by computers. During the last decade, many fundamental changes occurred because of electronic devices. It is even difficult to imagine social and economic consequences of the microelectronic revolution.

The large use of the computers has influenced our lives in such a way that it was difficult to imagine 15 or 20 years ago. On the one hand, computers have simplified our life greatly. If you typed a text on the typewriter and made a mistake, you had to type the whole page again. Making several copies of the same document used to be a difficult job too. But now it's quite different. Correcting mistakes is easy. Computer also helps us to buy goods, find information, book tickets, make presentations and annual reports, and make difficult calculations. Time is saved for leisure.

Leisure time is also influenced by computer and other periphery devices. You no longer go to music shops – many things are available on the Internet. You needn't write letters to your relatives or friends – you can send an e-mail. And your photo albums are on the computer too.

Computer games are probably also a part of your free time. They became more and more realistic and complicated, and for many people it becomes impossible to tear themselves away. This means that electronic devices such as a computer and TV set are used mostly for entertainment and consume most of the time that could be spent on work, going for a walk and sleeping. Man becomes a slave of the devices which were designed to make him stronger.

Is there a way out? In fact, there is, but many people don't know it and are still slaves. The best decision is not to give these devices a place in your heart. They should do their work. And when you have a rest, prefer real communication to virtual one and living an active life to watching films about crime. Then electronics will be not our lord or enemy but our friend

## 19. Answer the questions

1. What were the predecessors of the computer age?

2. Do computers make our lives easier and simpler? In what way? \_\_\_\_\_

3. What devices became compatible with the computer during the last year?

4. In what way do computer games influence people?

5. Is man a slave of the devices which were designed to make him stronger?

---

## 20. Insert the missing words, studying the active vocabulary

*Atomic, decade, e-mail, periphery, photo album, relative, tear oneself away, typewriter.*

1. \_\_\_\_\_ helps you to send letters quickly.

2. If there is an interesting programme on TV, it's difficult for a person to \_\_\_\_\_.

3. During the last two \_\_\_\_\_, scientific progress and digitization took place.

4. For some people, the computer is an equivalent of the \_\_\_\_: a device for printing and editing documents.
5. Do you have many \_\_\_\_? –Yes, I have parents, grandparents, two sisters and three brothers.
6. I don't buy \_\_\_\_ any more, all my photos are on my computer.
7. The computer is a multifunctional device. So the \_\_\_\_ is that it can be used both for work and for leisure.
8. The \_\_\_\_ age was followed by the microelectronic one.

## 21. Read, continue and translate the following arguments about computers

1. The atomic, space and energy age was followed by
2. It's difficult to imagine social and economic consequences
3. Computers have simplified \_\_\_\_\_
4. The computer helps us to buy goods, find information \_\_\_\_\_
5. Leisure time is also influenced
6. You no longer go to music shops
7. You needn't write letters to your relatives
8. The computer and TV set are used mostly for entertainment
9. The best decision is not to give these devices \_\_\_\_\_
10. When you have a rest, prefer real communication \_\_\_\_\_

## 22. Read the sentences, point out Participle 1 and Participle II. Give the Russian equivalents. If you have some difficulties, use the grammar reference at the end of the book.

1. When entering the Internet, I always find the required information. 2. If compared with the analog computer, digital computers have other functions. 3. When used, voltage represents other physical quantities in analog computers. 4. While dealing with discrete quantities, digital computers count rather than measure. 5. At the moment our computer systems are inputting, storing, processing, controlling, and outputting data. 6. Combined capabilities of both analog and digital computers belong to hybrid computers. 7. Having finished the research, they analyzed the data obtained. 8. Having translated the programme into the machine language, he put it into the computer. 9. Having been well prepared for the test, postgraduates managed to answer all the questions the tutor asked them. 10. When entering data correctly into the computer system, they avoid the need for further adjustment by a person.

## 23. Make up your own sentences according to the models.

**Model A:** *When properly programmed, computers don't err.*

*Having been properly programmed, computers don't err.*

1. When well regulated, the equipment operates well. 2. When documents correctly filled in, they don't need extra checks. 3. When loaded, the numbers are stored on the platform of storage. 4. When loaded with cargo, cars can move between stations. 5. When moved, the ball located on the bottom side of the mouse turns rollers.

**Model B:** *A smartphone is a mobile phone that offers a more advanced*



*computing ability.*

*A smartphone is a mobile phone offering a more advanced computing ability.*

1. A smartbook is a concept of a mobile device that falls between smartphones and netbooks. 2. A smartbook is a gadget that delivers features found in smartphones. 3. BlackBerry is a line of mobile e-mail that functions as a Personal Digital Assistant (PDA). 4. Twitter is a social and micro blogging service that enables users to send and to read other users' messages called tweets. 5. An i-Phone is a camera phone that includes text messages, visual voicemail, a portable media player, and web browsing facilities.

**24. Fill in the blanks to streamline the use of the Participle 1 and Participle II. The words in brackets are given to help you.**

1. A computer is ... numbers and orders into memory (to insert). 2. An electronic digital computer is a system ... and ... a very large amount of data (to process, to store). 3. The computer is a system ... numerical computations (to perform). 4. The computer is a device ... instructions with extreme speed (to follow). 5. The numbers and the instructions are ... in the computer memory. (to store) 6. The arithmetic-logical unit is a device ... circuits ... the arithmetic computations (to contain, to perform). 7. The codes ... by computer designers are ... on number of systems (to use, to base). 8. Having been coded the instruction ... to the central processing unit (to be transmitted). 9. ...the functions of storage units, we controlled the processing unit (to discuss).

**25. Make up sentences according to the models to practice the use of the verbals.**

**Model:** *Вам следовало бы прочитать об удивительных свойствах компьютера раньше.*

*You should have read about wonderful features of computers earlier.*

1. Вам следовало бы заказать это устройство раньше. 2. Ему следовало бы ввести данные в запоминающее устройство раньше. 3. Вам следовало бы раньше рассмотреть эту систему как крупномасштабную цифровую систему. 4. Вам следовало бы знать об этом устройстве раньше. 5. Мне следовало бы проконтролировать эти данные заранее..

**26. Read and translate the text**

**Application of Computers**

The use of computers, playing a prominent role in our life, is becoming widespread today. It regards industry, business, education, medicine, just to name a few. As for industries concerned, versatile computers are able to improve the quality of manufactured products and to increase the productivity of industry. Computers are engaged to the control of power stations, plants and refineries. But computers are being used not only in science and industry. Thanks to them, modern medicine can diagnose diseases faster and more thoroughly, while they are becoming valuable medical diagnostic tools.

Also in banking system computers have become indispensable and irreplaceable. Furthermore, architects, designers, and engineers can't imagine their work without computers. Computers form a part of many military systems including communication and fire control. They are applied for automatic piloting and automatic navigation, space exploration.

Moreover computers are widespread in education. Except their classic tasks such as administration and accountancy they are used in process of learning. Firstly, they store enormous amount of data which helps students receive information. Secondly, thanks to special

teaching techniques and programmes they enhance cognitive skills of getting and accumulating knowledge.

These machines are really everywhere and we depend on them. They have become so popular that not knowing how to use those means to be illiterate. Many uses of computers that we cannot imagine at present will become commonplace soon.

Refinery – нефтеперерабатывающий завод;

Disease – заболевание;

Accountancy – бухгалтерский учёт;

To enhance cognitive skills – развивать познавательные навыки;

Illiterate – неграмотный, необразованный;

Commonplace – типичный случай, обычное явление.

**27. Agree or disagree with the following statements and add some more information if needed.**

1. The role of computers is increasing in our life. 2. Computers are widely used in banking, industry, and medicine. 3. Computers find application in education, providing computer-aided learning environment. 4. Computers can be hardly used in fire control. 5. They are widely used in automatic piloting and navigation. 6. The reach of the computer application is to be increased soon.

**28. Make up special questions according to the models, and answer them to streamline your speaking skills.**

**Model:** *That gadget was used as the base for the first computer.*

*What was used as the base for the first computer?*

1. The electronic device was invented in the 20<sup>th</sup> century. 2. The first vacuum-tube computer was built at that time. 3. The first vacuum-tube computer was referred to as the first-generation computer. 4. A transistor was used in the second-generation computer. 5. An integrated circuit was used in computers of the first generation.

**Model:** *Computers can process information.*

*What can computers process?*

1. Computers can accept information. 2. Computers can perform mathematical and logical operations. 3. The programmer can tell the computers what to do. 4. The programme can also provide the information needed to solve the problem. 5. Computers can keep instructions in their memory.

**29. Ask questions and use the words in italics in your answers. The words in brackets will help you.**

1. *Electronic computers* are comparatively *modern* invention (what, what kind of). 2. *J. Nepier* devised *a mechanical* way to multiply and divide (who, what kind of). 3. *Most computers* have *circuits* for performing arithmetic operations (what, what). 4. *Integrated circuit technology* was used in computers of the third generation (what kind of, what). 5. *Computers* can solve *a series of problems* and make thousands of *logical* decisions. (what, how many, what kind of).

**30. Present information on "One of the greatest inventions of the mankind" (Give the full answers)**

- the invention you consider to be one of the greatest in the world
- the name of the inventor
- the country this invention was made in
- what the thing was made for
- how it is used now
- how it influenced our life

## TEST 1

- |  |           |
|--|-----------|
| 1) That was the ----- educational institution of all.<br>a) bad;      b) worst;      c) worse;   | 1. _____  |
| 2) This is the ----- famous scientist.<br>a) most;      b) more;      c) much;   | 2. _____  |
| 3) Would you like ----- additional information?<br>a) some;      b) any;      c) a few;  | 3. _____  |
| 4) She ----- lecture when the phone rang.<br>a) is having; b) was having; c) had;  | 4. _____  |
| 5) Stop -----, please. I can't work.<br>a) talking;      b) to talk;      c) talk;   | 5. _____  |
| 6) This is the ----- book of all.<br>a) cheap;      b) cheaper;      c) cheapest;  | 6. _____  |
| 7) Finish your homework and then you ----- watch TV.<br>a) can;      b) must;      c) mustn't;   | 7. _____  |
| 8) Yesterday we ----- to the cinema and saw a great film.<br>a) go;      b) will go;      c) went;                                     | 8. _____  |
| 9) What ----- in the garden, Mike? I'm learning grammar<br>rules by heart.<br>a) do you do;      b) did you do;      c) are you doing; | 9. _____  |
| 10) What are you doing tonight? "I ----- to prepare for my<br>exam."<br>a) go;      b) am going;      c) went;                         | 10. _____ |
| 11) I was born in Prague, but I ----- in Paris since 1988.<br>a) live;      b) am living;      c) have lived;                          | 11. _____ |
| 12) When ----- Rome? Last summer or last winter?<br>a) did you visit; b) will you visit; c) do you visit;                              | 12. _____ |

## TEST 2

- |  |     |       |
|--|-----|-------|
| 1. Each country has.....system of education.<br>a) its            b) it's            c) it   | 1.  | _____ |
| 2. These students.....graduate from the college next year.<br>a) were            b) are            c) will                                   | 2.  | _____ |
| 3. His parents sent.....to the grammar school.<br>a) him            b) his            c) he  | 3.  | _____ |
| 4. Children .....secondary education at school.<br>a) has got            b) gets            c) get   | 4.  | _____ |
| 5. Many students.....in hostels.<br>a) live            b) lives            c) to live  | 5.  | _____ |
| 6. Throughout..... country there is a network of higher educational establishments.<br>a) them            b) their            c) theirs      | 6.  | _____ |
| 7. Comprehensive schools.....all types of secondary education.<br>a) has combined            b) combined            c) combines              | 7.  | _____ |
| 8. The first university..... founded in 1755 in Moscow on the initiative of M.V. Lomonosov.<br>a) to be            b) was            c) were | 8.  | _____ |
| 9. Colleges..... different courses.<br>a) offer            b) to offer            c) is offering   | 9.  | _____ |
| 10. Some students failed.....entrance exams.<br>a) ours            b) their            c) mine   | 10. | _____ |
| 11. What departments .....there in your institution?<br>a) are            b) is            c) were   | 11. | _____ |
| 12. Our environment must be.....<br>a) clean            b) dirty            c) fast  | 12. | _____ |
| 13. Many species of animals live free of danger from man in.....<br>a) homes            b) boxes            c) national parks                | 13. | _____ |
| 14. Cars and factories ..... the air.<br>a) pollute            b) pollutes            c) is polluting  | 14. | _____ |
| 15. Progress can be blamed in ..... problems.<br>a) much            b) many            c) little   | 15. | _____ |
| 16. Air and water ..... to all countries.<br>a) belong            b) belongs            c) belonged  | 16. | _____ |
| 17. Our forests can die ..... acid rain.<br>a) with            b) to            c) from  | 17. | _____ |
| 18. Most of the ..... are valued for their fur.<br>a) animals            b) fish            c) insects                                       | 18. | _____ |
| 19. Using chemicals may ..... the cause of ecological pollution.<br>a) be            b) had            c) are                                | 19. | _____ |
| 20. The construction of purifying systems helps to ..... ecology.<br>a) damage            b) improve            c) to harm                   | 20. | _____ |

### TEST 3

- |  |           |
|--|-----------|
| 1. You communicate with your computer with.....  | 1. _____  |
| a) the pencil      b) the keyboard      c) the ball  |           |
| 2. ....the monitor allow to see the results of your work?  | 2. _____  |
| a) Does      b) Is      c) Have  |           |
| 3. The mouse works by ..... it around on a flat surface.   | 3. _____  |
| a) sliding      b) scratching      c) smiling  |           |
| 4. Computer technologies save ..... time.  | 4. _____  |
| a) much      b) many      c) none  |           |
| 5. At present computers capable of performing billions of operations a second ..... required.        | 5. _____  |
| a) is      b) are      c) was  |           |
| 6. The size of a hard disk is measured in .....  | 6. _____  |
| a) centimeters      b) megabytes      c) volts   |           |
| 7. Today the word “electronics” is in ..... usage.   | 7. _____  |
| a) negative      b) rare      c) general   |           |
| 8. People waste a lot of time ..... computer games.  | 8. _____  |
| a) playing      b) to play      c) play  |           |
| 9. There ..... many hardware pieces in a computer system.  | 9. _____  |
| a) was      b) has      c) are   |           |
| 10. .... some programs be difficult to remember?   | 10. _____ |
| a) Can      b) Was      c) Is  |           |
| 11. Mobile telephone calls ..... a wide geographic area.   | 11. _____ |
| a) cross      b) is crossing      c) was crossing  |           |
| 12. Office clerks ..... and greeted each other after the weekend and discussed the weather.          | 12. _____ |
| a) meet      b) is meeting      c) met   |           |
| 13..... secretary is constantly answering phone calls.   | 13. _____ |
| a) Theirs      b) Their      c) They   |           |
| 14. I ..... like to speak to Mr. Smith, please.  | 14. _____ |
| a) should      b) would      c) will   |           |
| 15. A mobile phone .....telephone calls.   | 15. _____ |
| a) can make and receive      b) can sell<br>c) can't make and receive                                |           |
| 16.....is a standard way to send messages that include multimedia content to and from mobile phones. | 16. _____ |
| a) SMS      b) MMS      c) Telephone call  |           |
| 17. Does any office have phones?   | 17. _____ |
| a) No, she doesn't      b) Yes, she does.      c) Yes, it does.                                      |           |
| 18. It ..... necessary for a company to have good equipment.   | 18. _____ |
| a) were      b) is      c) will  |           |
| 19. There are many different models of mobile phones in the world.                                   | 19. _____ |
| a) Yes, you are right      b) No, I can't agree      c) This is known some specialists only          |           |

## TEST 4

1. обрабатывая информацию	1. _____
a) processing information      b) the processed information	
c) to process information	
2. могли увидеть результаты	2. _____
a) can see results      b) were able to see results      c) was	
able to see results	
3. принять телефонный звонок	3. _____
a) to receive the call b) receiving the call c) received a call	
4. копируя текст	4. _____
a) the copied text b) is copying the text c) copying the text	
5. должен был перезвонить	5. _____
a) must ring      b) is to ring      c) had to ring	
6. поприветствовать секретаря	6. _____
a) to greet the secretary      b) greeting t he secretary	
c) greeted the secretary	
7. отвечая на телефонный звонок	7. _____
a) is answering the call      b) to answer the call	
c) answering the call	
8. посылая сообщение	8. _____
a) sent the SMS b) sending the SMS c) are sending the SMS	
9. мог установить программное обеспечение	9. _____
a) will be allowed to install software      b) will be able to	
install software      c) was able to install software	
10. представить компанию	10. _____
a) to represent the company      b) represented the	
company      c) representing the company	
11. сможет установить	11. _____
a) could install b) will be able to install c) is able to install	
12. играя в компьютерные игры	12. _____
a) are playing computer games      b) playing computer	
games      c) was playing computer games	
13. создать электронное устройство	13. _____
a) to make gadget b) was to make gadget c) making gadget	
14. должен будет запустить программу	14. _____
a) has to start the program      b) will have to start the	
program      c) should start the program	

### Глагол to be в Simple Active

Present	Past	Future
(I) am (he, she, it) is (we, you, they) are	(I, he, she, it) was (ед. ч.) were (мн. ч.)	(I, we) shall be (1-е л.) will be

### Глагол to have в Simple Active

Present	Past	Future
have (got) (he, she, it) has (got)	had	(I, we) shall have will have

### Оборот there + to be в Simple Active

Present	Past	Future
there is (ед.ч.) there are (мн.ч.)	there was (ед.ч.) there were (мн.ч.)	there will be

### Степени сравнения прилагательных

	Положительная	Сравнительная	Превосходная
I	long easy	longer easier	(the) longest (the) easiest
II	interesting	more interesting	(the) most interesting
III	good bad much, many little	better worse more less	(the) best (the) worst (the) most (the) least

### Времена группы Simple Passive

to be + Participle II	
Infinitive	to be written, to be translated
Present Past Future	The letter is written/translated. The letter was written/translated. The letter will be written/translated.



### Сводная таблица модальных глаголов и их эквивалентов

	Present	Past	Future
Долженствов ание	<p>I must meet him.</p> <p>I have to meet him.</p> <p>I am to meet him.</p> <p><b>I should</b> meet him.</p>	<p>I <b>had</b> to meet him.</p> <p>I <b>was</b> to meet him.</p>	<p><b>I shall have to</b> meet him.</p> <p>I'll be to meet him.</p>
Способность или возможность совершения действия	<p>He <b>can</b> help you.</p> <p>He is able to help you.</p>	<p>He <b>could</b> help you.</p> <p>He was able to help you.</p>	<p>He <b>will be able to</b> help you.</p>
Разрешение или возможность (вероятность)	<p>I may use this device.</p> <p>I am allowed to use the device.</p>	<p>I might use this device</p> <p>I was allowed to use the device.</p>	<p><b>I shall be allowed to</b> use the device.</p>

**Таблица времен группы Simple Active**

Форма	Present Simple	Past Simple	Future Simple
Утвердительная	My friends study French. He speaks English.	My friends <b>studied</b> French at school. He <b>spoke</b> English at the conference.	My friends <b>will study</b> French at the Institute. The teacher <b>will speak</b> about our English exam.
Вопросительная	<b>Do</b> your friends study French?  <b>Does</b> he speak English?	<b>Did</b> your friends study French at school?  <b>Did</b> he speak English at the conference?	<b>Will</b> your friends study French at the Institute?  <b>Will</b> the teacher speak about our English exam?
Отрицательная	My friends <b>don't</b> study French. He <b>doesn't</b> speak English.	My friends <b>did not</b> study French. He <b>didn't</b> speak English at the conference.	My friends <b>won't study</b> French at the Institute. The teacher <b>won't speak</b> about our English exam.

**Структура специальных вопросов**

Вопросительные слова	Вспомогательный глагол	Подлежащее и определение к нему	Смысловой глагол в форме инфинитива	Другие члены предложения
What Where When	do did will	you he your sister	do go return	in the evening? yesterday? home?

**Таблица времен группы Progressive Active**

<b>Форма</b>	<b>Present Progressive</b>	<b>Past Progressive</b>	<b>Future Progressive</b>
<b>Утвердительная</b>	<p>The <b>are having</b> an English class.</p> <p>He <b>is still writing</b> an exercise.</p>	<p>They <b>were having</b> an English class when I came to see them.</p> <p>He <b>was writing</b> an exercise from 6 till 8 o'clock.</p>	<p>They <b>will be having</b> an English class tomorrow at 9 o'clock.</p> <p>He <b>will be writing</b> an exercise from 6</p>
<b>Вопросительная</b>	<p><b>Are they having</b> an English class?</p> <p><b>Is he still writing</b> an exercise?</p>	<p><b>Were they having</b> an English class when I came to see them?</p> <p><b>Was he writing</b> an exercise from 6 till 8 o'clock.</p>	<p><b>Will they be having</b> an English class tomorrow at 9 o'clock?</p> <p><b>Will he be writing</b> an exercise from 6 till 8 o'clock tomorrow?</p>
<b>Отрицательная</b>	<p>They <b>aren't having</b> an English class, they are having a Russian class.</p> <p>He <b>isn't writing</b> an exercise, he is reading a book.</p>	<p>They <b>weren't having</b> an English class when I came to see them, they were having a Russian <b>class</b>.</p> <p>He <b>wasn't writing</b> an exercise from 6 till 8 o'clock, he was reading a book.</p>	<p>They <b>will not be having</b> an English class tomorrow at 9 o'clock, they will be having a Russian class.</p> <p>He <b>won't be writing</b> an exercise from 6 till 8 o'clock tomorrow, he'll be reading a book.</p>

**Таблица времен группы Perfect Active**

Форма	Present Perfect	Past Perfect	Future Perfect
Утвердительная	<b>I have sent</b> the letter.	<b>I had already sent</b> the letter by 6 o'clock yesterday.	<b>I shall have sent</b> the letter by tomorrow evening.
Вопросительная	<b>Have</b> you <b>sent</b> the letter?	<b>Had</b> you <b>sent</b> the letter by 6 o'clock yesterday?	<b>Will</b> you <b>have sent</b> the letter by tomorrow evening?
Отрицательная	<b>I have not sent</b> the letter yet.	<b>I had not sent</b> the letter by 6 o'clock yesterday.	<b>I shall not have sent</b> the letter by tomorrow evening.

**Таблица времен Simple, Progressive, Perfect in Passive Voice**

	Simple to be + Participle II	Progressive to be + being + Participle II	Perfect to have + been + Participle II
Present	The letter is translated	The letter is being translated	The letter has been translated
	Is the letter translated?	Is the letter being translated?	Has the letter been translated?
	The letter isn't translated	The letter isn't being translated	The letter hasn't been translated.
Past	The letter was translated	The letter was being translated	The letter had been translated
	Was the letter translated?	Was the letter being translated?	Had the letter been translated?
	The letter wasn't translated.	The letter wasn't being translated	The letter hadn't been translated?
Future	The letter will be translated	Не употребляются.	The letter will have been translated
	Will the letter be translated?		Will the letter have been translated?
	The letter won't be translated		The letter won't have been translated.

**Таблица форм причастий**

	Participle		Participle II
	Active	Passive	changed 1 Определение: <i>изменяемый,</i> <i>измененный</i> 2) обстоятельство: <i>когда (его) изменили,</i> <i>так как (его) изменили</i>
Simple	changing 1) определение: <i>изменяющий(ся)</i> <i>(вищий) (ся)</i> 2) обстоятельство: <i>изменя(сь)</i>	being changed 1) определение: <i>изменяющийся,</i> <i>изменяемый</i> 2) обстоятельство: <i>будучи</i> <i>измененным</i>	
Perfect	having changed обстоятельство: <i>изменив(шись)</i>	having been changed обстоятельство: <i>когда</i> <i>(его) изменили, после</i> <i>того как (его)</i> <i>изменили</i>	

**Таблица производных слов от some, any, no, every**

Местоимения	+ thing	+body, one	+where	Употребляются
some <i>некоторый</i> <i>какой-то</i> <i>какой-нибудь</i> <i>несколько</i>	something <i>что-то,</i> <i>что-нибудь</i>	somebody someone <i>кто-то</i> <i>кто-нибудь</i>	somewhere <i>где-то, куда-то, где-нибудь,</i> <i>куда-нибудь</i>	в утверд. . предл.
any 1) <i>всякий любой</i> 2) <i>какой-нибудь</i>	anything 1) <i>всё</i> 2) <i>что-то</i> 3) <i>что-нибудь</i>	anybody anyone У <i>всякий,</i> 2) <i>кто-то, кто-нибудь</i>	anywhere 1) <i>везде,</i> 2) <i>где-нибудь,</i> <i>куда-нидудь</i>	1) в утверд. 2) в вопросит, предл.
no, not any <i>никакой + не</i>	nothing (not anything) <i>ничто</i> <i>+ не ничего</i>	nobody (not anybody), no one <i>никто + не</i>	nowhere not anywhere <i>нигде,</i> <i>никуда + не</i>	в отрицат. предп.
every <i>всякий,</i> <i>каждый</i>	everything <i>всё</i>	everybody everyone <i>все</i>	everywhere <i>везде,</i> <i>повсюду</i>	в утверд., вопросит, и отрицат. предл.

### Словообразовательные аффиксы

<p>Существительные</p> <ul style="list-style-type: none"> <li>- ion / - sion /-tion</li> <li>- er / -or</li> <li>-ing</li> <li>-ment</li> <li>-ty / -ity</li> <li>-ance / -ence</li> <li>-ness</li> <li>-ure / -ture</li> </ul>	<ul style="list-style-type: none"> <li>- discussion, transmission, combination</li> <li>- writer, inspector</li> <li>- opening</li> <li>- development</li> <li>- activity</li> <li>- importance, difference</li> <li>- darkness</li> <li>- mixture</li> </ul>
<p>Прилагательные</p> <ul style="list-style-type: none"> <li>-ic</li> <li>-ive</li> <li>-able / -ible</li> <li>-ant / -ent</li> <li>-ous</li> <li>-al</li> <li>-ful</li> <li>-less</li> <li>-un / -in / -ir / -il / -im</li> </ul>	<ul style="list-style-type: none"> <li>- democratic</li> <li>- progressive</li> <li>- valuable, accessible</li> <li>-resistant, different</li> <li>- dangerous</li> <li>- central</li> <li>- hopeful</li> <li>- hopeless</li> <li>- uncomfortable, indirect, irregular, illogical, impossible</li> </ul>
<p>Глагол</p> <ul style="list-style-type: none"> <li>-ize</li> <li>re-</li> </ul>	<ul style="list-style-type: none"> <li>- to characterize</li> <li>- to rewrite</li> </ul>

<b>Infinitive</b>	<b>Past</b>	<b>Participle II</b>	<b>Translation</b>
arise	arose	arisen	возникать
awake	awoke	awaked	будить, проснуться
be	was, were	been	быть
bear	bore	born	носить, родить
beat	beat	beaten	бить
become	became	become	стать
begin	began	begun	начать
bend	bent	bent	согнуться
bind	bound	bound	связать
bite	bit	bitten	кусать
blow	blew	blown	дуть
break	broke	broken	ломать
bring	brought	brought	приносить
build	built	built	строить
burst	burst	burst	разразиться, взорваться
buy	bought	bought	покупать
catch	caught	caught	ловить, поймать
choose	chose	chosen	выбирать
cut	cut	cut	резать
deal	dealt	dealt	иметь дело
dream	dreamt	dreamt	мечтать
do	did	done	делать
draw	drew	drawn	тащить, рисовать
drink	drank	drunk	пить
drive	drove	driven	ехать
eat	ate	eaten	есть, кушать
fall	fell	fallen	падать
feed	fed	fed	кормить
fight	fought	fought	сражаться
find	found	found	находить
fly	flew	flown	летать
forbid	forbade	- forbidden	запретить
forget	forgot	forgotten	забыть
forgive	forgave	forgiven	прощать

freeze	froze	frozen	замёрзнуть, замораживать
get	got	got	получить
give	gave	given	дать
go	went	gone	идти
grow	grew	grown	расти
hang	hung	hung	висеть, повесить
have	had	had	иметь
hear	heard	heard	слушать
hit	hit	hit	ударить, попасть
hold <sup>1</sup>	held	held	держать
hurt	hurt	hurt	причинять боль
know	knew	known	знать
keep	kept	kept	держать
lay	laid	laid	класть, положить
lead	laid	laid	вести
leap	leapt/leaped	leapt/leaped	прыгать
leave	left	left	оставлять
lend	lent	lent	одолжить
let	let	let	пустить, дать
lie	lay	lain	лежать
lose	lost	lost	терять
make	made	made	делать
meet	met	met	встречать
pay	paid	paid	платить
put	put	put	класть
read	read	read	читать
ride	rode	ridden	ездить верхом
ring	rang	rung	звонить
rise	rose	risen	поднимать
run	ran	run	бежать
say	said	said	говорить, сказать
see	saw	seen	видеть
sell	sold	sold	продавать
send	sent	sent	послать
set	set	set	устанавливать
shake	shook	shaken	трясти



shine	shone	shone	светить, сиять
shoot	shot	shot	стрелять, давать победы
show	showed	shown/showed	показывать
sing	sang	sung	петь
sink	sank	sunk	опускаться
sit	sat	sat	сидеть
sleep	slept	slept	спать
slide	slid	slid	скользить
speak	spoke	spoken	говорить
spend	spent	spent	тратить
steal	stole	stolen	украсть
stick	stuck	stuck	втолкнуть, приклеить
strike	struck	struck/stricken	ударять, бастовать
swear	swore	sworn	клясться
swim	swam	swum	плавать
take	took	taken	брать
teach	taught	taught	учить
tell	told	told	говорить
think	thought	thought	думать
throw	threw	thrown	бросить
wake	woke	woken	просыпаться, будить
wear	wore	worn	носить
weep	wept	wept	плакать
win	won	won	выигрывать
wind	wound	wound	заводить
write	wrote	written	писать

## Литература:

### 1. Основная литература:

1.1 Афанасьева О.В. Английский язык : 11 класс: базовый уровень / О.В.Афанасьева, И.В.Михеева, К.М.Баранова. – 8-е изд., стереотип. – М.: Просвещение, 2021. – 199, [1] с. : ил. – (Rainbow English) + ЭБС Znanium.com Договор № 5669 эбс от 10.01.2022 г.

### 2. Дополнительная литература:

2.1 Литвинская С.С. Английский язык для технических специальностей: учебное пособие/ С.С.Литвинская – Москва: ИНФРА – М; 2022 – 252 с. – ( Среднее профессиональное образование).