

Module 1. Samara University

Lead-In

1. What factors did you consider while choosing a University? Put them in the order of importance. Explain your choice. Expand the list.

#	Factors
	geographical position
	military department
	wide range of specializations
	family tradition
	high level of education
	sports facilities
	scientific facilities

Reading

1. Say which Institute or Faculty you have chosen to study at; which of them you were considering as well.

- ✓ Aeronautical Engineering Institute
- ✓ Aerospace Propulsion Institute
- ✓ Computer Science Faculty
- ✓ Institute of Economics and Management
- ✓ Industrial Engineering Faculty
- ✓ Space Engineering Institute
- ✓ Institute of Electronics and Instrument Engineering
- ✓ Historical Faculty
- ✓ Biological Faculty
- ✓ Sociological Faculty
- ✓ Mechanics and Mathematics Faculty
- ✓ Faculty of Physics

- ✓ Faculty of Public Administration
- ✓ Faculty of Philology
- ✓ Chemistry Faculty
- ✓ Faculty of Law
- ✓ Faculty of Psychology

2. Match the phrases with their Russian equivalents.

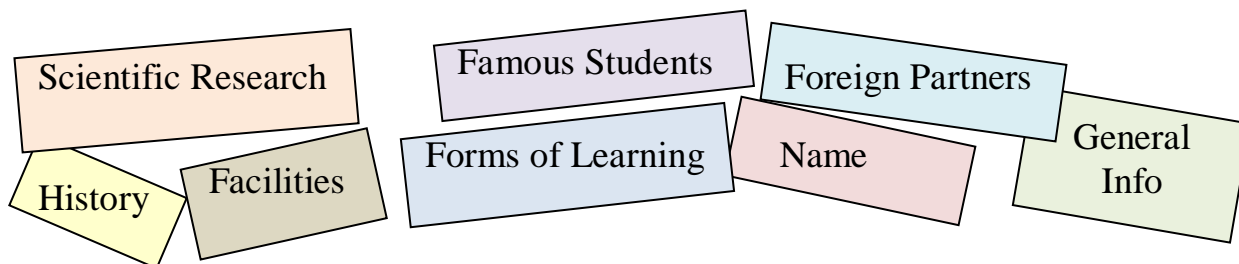
- | | |
|--------------------------|-----------------------------------|
| 1. post-graduate courses | a) научные исследования |
| 2. engineering | b) общественное питание |
| 3. distance learning | c) дневная форма обучения |
| 4. scientific research | d) аспирантура |
| 5. full-time tuition | e) проектирование и строительство |
| 6. student hostel | f) тренировочный аэродром |
| 7. catering facility | g) заочная форма обучения |
| 8. aircraft fleet | h) общественные науки |
| 9. training airfield | i) студенческое общежитие |
| 10. social sciences | j) самолетный парк |
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3. Practise reading the following words.

higher	'hʌɪə
construction	kən'strʌkʃ(ə)n
industry	"ɪndəstri
design	di'zʌɪn
science	"saɪəns
tuition	tju:'ɪʃ(ə)n
unique	ju:'ni:k
yacht	jɒt
cosmonautics	"kɒzmə'nɔ:tɪks

occupy	'ɒkjʊpai
specialization	,speʃəlaɪ'zeɪʃən
premises	'preɪmɪsɪz

4. Read the text about Samara University and give the heading to each paragraph. Choose from the list. There are extra ones you don't need to use.



Samara National Research University



A) Samara National Research University is one of the **leading** universities recognized not only in Russia but abroad. It trains specialists in space-rocket engineering, aviation, radio electronics, metallurgy, automotive industry, information technologies, business studies, social sciences, languages, law and other fields. The number of educational programs has been increased significantly since the merger of Samara State Aerospace University and Samara State University in 2015. The university is among the country's leading federal and regional innovative education **institutions** taking the highest ranks in the Russian Academic Excellence Project (5/100).

B) The University is named after Sergey Korolev, an outstanding **scientist** and designer of space rocket systems, the founder of **cosmonautics**. In 2009, the University became one of 14 higher education institutions in Russia to be awarded the status of a National Research University.

C) Today, the University provides **education** in 218 programs on its **premises**. It has both full-time **tuition** and evening classes. People who work can attend distance learning courses. Graduates who have a BSc (Bachelor of Science) may want to continue education and go to post-graduate courses to get a degree of MSc (Master of Science) or a PhD (Doctor of Philosophy).

D) At present **teaching** and research in Samara University is organized by 8 Institutes and 13 Faculties. Its teaching staff **includes** more than 1400 people. The University **consists of** 85 departments, a media-centre, laboratories, research institutes, a library stocked with over 1 million books and electronic resources, a

training airfield with a unique aircraft fleet, sports complexes with a swimming pool, a yacht club, a public museum of aviation and cosmonautics, a center of aircraft engine history, a health and fitness center, a catering facility, a print facility and student hostels on both South and North **campuses**.

E) Samara University is the **key** institution for the aerospace cluster of Samara Region. The University cooperates with science centers and **organizations** in the Russian **aerospace** industry. Over the past decade, the University has continued blending research and educational activities. Many years of tradition, authoritative science schools and resources allow the University to remain one of the best research institutions of Russia and participate in state and regional scientific and technological programs.

F) Over the long years of its history, the University has trained more than 50,000 highly-qualified experts, many of whom have become **renowned scholars**, designers and managers, **prominent** public and government figures.

5. Match the words with their definitions. State their part of speech.

- | | |
|-----------------------------|---|
| 1. a department <u>noun</u> | a) a person who starts an organization |
| 2. a graduate ____ | b) a part of an organization |
| 3. a founder ____ | c) to become bigger in amount |
| 4. unique ____ | d) building, equipment, services |
| 5. research ____ | e) a group of people working for some company |
| 6. staff ____ | f) land and building of an organization |
| 7. a facility ____ | g) only one, exclusive |
| 8. to cooperate ____ | h) a detailed study of a subject |
| 9. premises ____ | i) a person who finished a university |
| 10. to increase ____ | j) to work together |

Parts of Speech

Noun – thing/person (what/who)
Verb – action (to do what)
Adjective – attribute (what kind)
Adverb – manner (how)

6. In the text, find 9 pairs of synonyms among the words **in bold**.

1. Leading = key _____

7. a) *In the text, find the derivatives (having the same root) of the following words. Define the part of speech.*

a) science (n) → scientist (n) → ...

b) design

c) special

d) develop

e) educate

f) found

g) region

b) *Fill in the gaps with the words given in the exercise above.*

c) *Translate the following text into Russian.*

Research at the University of Oxford

Students and teachers of the University cooperate with professionals, and make significant contributions to science – (1)_____ (**region**), nationally and internationally – through the fruits of their research.

Research and (2)_____ (**develop**) activity at Oxford consists of four (3)_____ (**educate**) institutes, more than 70 departments and colleges; the academic staff (teaching and research) consists of 1632 (4)_____ (**special**).

In the year of 2008 Oxford had the largest number of (5) _____
(**science**) research works in a total of 48 fields.

Oxford's research grants and contracts for 2007/8 was £285.3 million, which was spent on (6) _____ (**design**) cars, constructing air and space craft, (7) _____ (**develop**) new electronic devices.

(edited from <http://www.ox.ac.uk>)

You should remember the following words and phrases!

a merger	слияние, объединение
a campus	студ.городок
engineering	проектирование и строительство
designing	проектирование
a scholar	ученый
scientific research	научные исследования
full-time tuition	дневная форма обучения
distance learning	заочное обучение
a graduate	выпускник университета
post-graduate courses	аспирантура
to get a degree	получить научную степень
Bachelor	бакалавр
Master	магистр
PhD	кандидат наук
teaching staff	преподавательский состав
a training airfield	тренировочный аэродром
an aircraft fleet	авиапарк
a hostel	общежитие

prominent figure	ВИДНЫЙ ДЕЯТЕЛЬ
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Grammar

Word order is very important in English, it is fixed.

In a declarative sentence, the subject comes in front of the predicate. The object and the adverbial (when there is one) come after it:

Samara University trains engineers nowadays.

1. In the text (p.3-4), underline subjects and predicates.

2. Put the words in the right order to make full sentences.

- part/students/in/take/scientific/active/research.
- began/in/SU/with/cooperating/the USA/in 1990/universities.
- branches/a degree/of/graduates/many/in/get/engineering.
- practice/the/airfield/can/students/the/have/training/at.
- learning/a/education/popular/is/distance/form/of

Question types:

General (Yes/No) Question

Auxiliary verb Subject Predicate ...?

Do you study at SU?

Alternative Question

Auxiliary verb Subject Predicate ... OR ... ?

Do you study at SU or at Oxford?

Special Question

Question Word (Phrase) Auxiliary verb Subject Predicate ... ?

Where do you study?

BUT a special question to the subject

Who

What predicate (3rd person singular) ... ?

Which of...

Who studies at SU?

Tag Question

Subject Predicate (positive) ..., auxiliary verb (negative)+ subject (pronoun)?

OR

Subject Predicate (negative) ..., auxiliary verb (positive)+ subject (pronoun)?

You study at SU, don't you?

You don't study at Oxford, do you?

3. Put all possible questions to the following sentences.

a) Students live in hostels with excellent facilities.

e.g.: Do students live in hostels with excellent facilities?

Do students or lecturers live in hostels with excellent facilities?

Students live in hostels with excellent facilities, don't they?

Who lives in hostels with excellent facilities?

Where do students live?

What kind of hostels do students live in?

b) A team of designers created a new engine.

c) Graduates carry out scientific research to get a PhD.

d) The department of foreign languages will cooperate with the military department in the future.

e) The university has bought a new helicopter for its aircraft fleet.

f) There are many sport facilities on the campus.

g) Catering facility is important for students of full-time tuition.

3. Imagine you are going to study abroad for three months. You'd like to get more information about the college. Ask 10 questions to find out the following.

a) location of the campus

b) accommodation facilities

c) course fee

d) application procedure

e) practicum part of the programme

f) number of lectures a week

g) exams

h) facilities on campus

i) part-time jobs for students

j) subjects in this curriculum

4. Put tag questions.

a) Cambridge is formed from a variety of institutions,?

b) All the colleges are self-governing institutions within the university,?

c) It does not have a main campus,?

d) The university also operates eight cultural and scientific museums,?

e) Cambridge has educated many prominent scientists, politicians, lawyers, philosophers,?

f) There are 31 colleges with 18,271 students with 9,823 academic and administrative staff members at Cambridge University.

g) No college is as old as the university itself,?

h) Cambridge is now the only remaining United Kingdom university with female-only colleges,?

Tenses in Active Voice

Tense	Form in Active Voice	Signal Words	Usage
Present Simple	V1, Vs -,? do(does)	always, often, usually, every..., sometimes, regularly, as a rule, seldom, never	1. permanent situations or states; 2. repeated/habitual actions;
Present Continuous	am/is/are + Ving	now, at the moment, at present Look! Listen!	1. temporary situations; 2. actions happening at or around the moment of speaking;
Present Perfect	have/has+ V3	ever, never, just, already, yet, recently, lately, since, for, today, this + noun, so far	1. recently completed actions; 2. actions which happened at an unstated past time and are connected with the present;
Present Perfect Continuous	have/has +been+ Ving	How long, for, since	1. actions started in the past and continuing up to the present; 2. past actions of certain duration having visible results or effects in the present;
Past Simple	V2(ed) -/? did	Yesterday, the day before yesterday, last + noun, 2 days ago, in 1999, just now, then, when	1. action which happened at a definite past time. This action is not connected with the present
Past Continuous	was/were + Ving	At this time yesterday, all day long / from 5 till 6 / the whole evening yesterday, when, while	1. past action in progress interrupted by another action. The longer action is in the Past Continuous, the shorter action is in the Past Simple;
Past Perfect	had + V3	for, since, already, after, just, never, yet, before, by, by the time,...	1. past action which occurred before another action or before a stated past time;
Past Perfect Continuous	had + been +Ving	for, since	1. action continuing over a period up to a specific time in the past;
Future Simple	shall/will + V1	tomorrow, the day after tomorrow, tonight, next + noun, soon, in a week	1. decisions taken at the moment of speaking (on-the-spot decisions); 2. hopes, fears, threats, offers, promises, warnings, predictions, requests, comments... with: expect, hope, I'm sure, I'm afraid, probably
Future Continuous	shall/will + be + Ving	at this time tomorrow	1. actions in progress at a stated future time;
Future Perfect	shall/will + have + V3	by the time tomorrow, until	1. actions which will be finished before a stated future time
Future Perfect Continuous	shall/will + have + been + Ving	by...for	1. duration of an action up to a certain time in the future

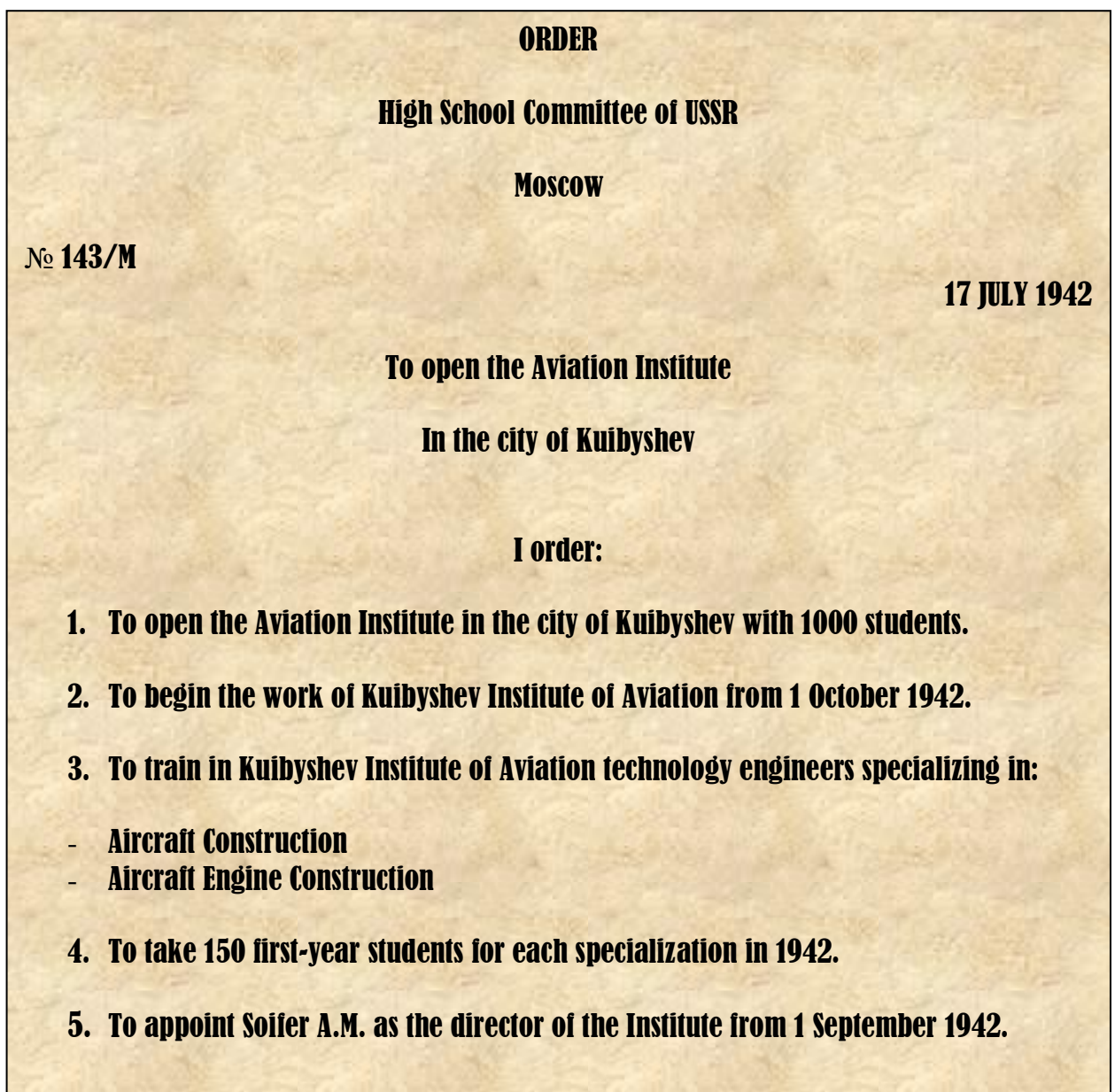
5. Put the verb into the correct form.

- a) Usually we _____ (to have) classes on the campus, but today we _____ (to go) to the training airfield.
- b) I _____ (not to come) to the lecture yesterday. I _____ (not to feel) very well. I hope my friends _____ (to give) me the notes later.
- c) Specialists from our Research Institute _____ (just to finish) the experiment. They _____ (to work) on it for a month.
- d) My telephone _____ (to ring) while I _____ (to play) basketball in the sports center. It _____ (to be) my friend Julie who told me I _____ (to get) an excellent mark for my presentation.
- e) I want to go to this concert tomorrow. I think that I _____ (to finish) writing my course paper.
- f) Samara University _____ (to cooperate) with Oxford Polytechnic for 10 years by the end of this semester.
- g) I _____ (not to read) the book on history of aviation yet, so I _____ (do) it all day tomorrow.
- h) – What is that noise? What _____ (to happen)?
- I _____ (not to know). Maybe the machine _____ (to break down).
- j) Do you know who _____ (to invent) this kind of engine?
- k) I _____ (to buy) this book last week, but I _____ (not to read) it yet.
- l) Annie asked me how to use this machine. She _____ (never to use) it before, so she _____ (not to know) what to do.

5. Translate the following sentences from Russian into English paying special attention to the verb form,

- a) Только квалифицированные специалисты работают в научно-исследовательских институтах нашей страны.
- b) Мой брат уже получил степень магистра в университете Канады. Я надеюсь, что через 2 года он будет кандидатом наук.
- c) Иностранные партнеры нашего университета включают Технический Университет в Мюнхене, Университет Брэдли в США, и другие. В настоящее время университет развивает сотрудничество с некоторыми ВУЗами Китая.
- d) Три года назад в студ.городке руководство университета построило общежитие с превосходными условиями для молодых ученых.
- e) Авиапарк университета – это прекрасная база для научных исследований и разработок.
- f) Многие выпускники Самарского университета в настоящее время работают в конструкторских бюро в России и за рубежом.

6. a) Read the following document about the establishment of Kuibyshev Institute of Aviation.



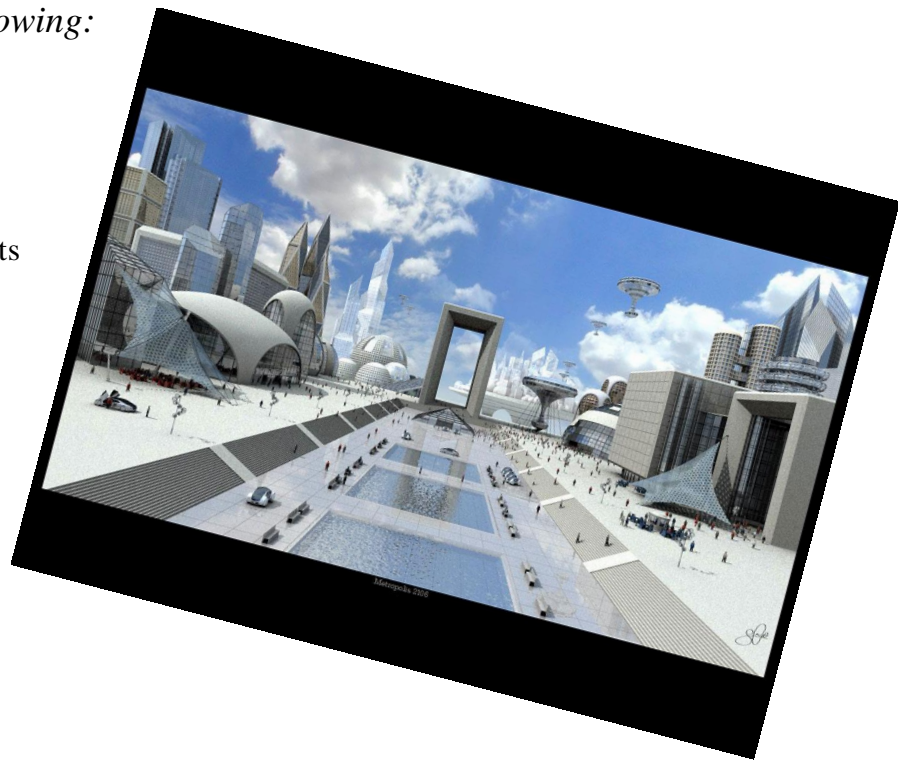
b) Compare the Institute of 1942 with the University now.

<u><i>In 1942 the name was Kuybyshev Institute of Aviation</i></u>	<u><i>Now the name is Samara University</i></u>

Speaking

1. Work in groups. Make a presentation of Samara University in the year of 2050. You may speak about the following:

- the name
- faculties, specialization
- number of teachers, students
- classrooms, laboratories
- facilities
- extra-curricular activities (students theatre, etc...)
- location
- whatever idea you have



Writing

1. Write a paragraph (100-150 words) saying why you have chosen Samara University. Follow the structure:

a) Write a topic sentence.

I have chosen Samara University for several reasons.

b) Give three reasons. Make use of the linking devices for listing:

Firstly,

Besides,

Furthermore,

Then,

The second reason is...

Finally,

c) To each reason give a suitable example. Make use of the linking devices for exemplification:

For example,

For instance,

To prove,

d) Finish up your paragraph with a conclusion. Make use of the linking devices for conclusion.

To sum it up,

In conclusion,

To crown it up,