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Get Ready for Scientific Communication

учебное пособие



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C16

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Учебное пособие «Get Ready for Scientific Communication» предназначено для подготовки к вступительным экзаменам в аспирантуру и кандидатскому экзамену по английскому языку (технические науки). Материал учебного пособия нацелен на формирование научно-ориентированной коммуникативной компетенции средствами общенаучных аутентичных текстов.

Пособие может быть использовано магистрантами, аспирантами и широким кругом изучающих английский язык как для работы в аудитории, так и для самостоятельной подготовки.

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EDUCATION

Unit 1

LET'S GET READY FOR SCIENTIFIC DISCUSSION

1. Complete the sentence with the right preposition in A and match it with the comment in B.

	A		B
1	She wrote an article __ the subject __class	a	representation of something as a simple description which might be used in calculations
2	The theme __ poem is immigration	b	one individual part of a situation, problem, subject etc.
3	There was a lively debate __ the issues __globalization	c	thing which is being considered or studied
4	Einstein's theory __ has been questioned recently	d	basic idea or rule that explains how something happens or works
5	The model __ climate change seems to be becoming a reality	e	range of a subject covered by a book, discussion etc.
6	The book is called "The Nature __ intelligence"	f	main subject of a talk, book, etc.
7	Human behavior is based __ the principle __ least effort.	g	amount or level
8	Repetition is an important aspect __ speech development in children	h	main characteristic of something
9	Automatic backup is a feature __ the new software.	i	showed a regular repeated arrangements
10	The political motives of the government are __ the scope __ this essay.	j	subject/problem which people are thinking/talking about
11	The study revealed a pattern __ results	k	an opinion or explanation
12	During 2019 the number __ violent attacks increased	l	a typical quality of something

2. Complete the following sentences with the most appropriate word.

1. Ecological *issues / principles / topics* should be at the top of today's political agenda.

2. The Peter *Issue / Principle / Theme* states that members of a hierarchical group will usually end up being promoted to the point at which they become incompetent

3. The professor decided to take moral courage as the *issue / theme / model* for his inaugural lecture.

4. In the exam the students had to choose three from a choice of ten essay *subjects / theories / topics*.

5. The London underground map is best understood as a *model / principle / topic* showing how the different stations relate to one another rather than a precise representation of their distance from each other.

6. There are still people who are reluctant to accept Darwin's *model / topic / theory* of evolution.

3. Read the titles of academic papers in A. Mind key nouns and prepositions. Match the key nouns in A with their definition in B.

	A		B
1	Micro-organism in water: their <i>significance and identification</i>	a	arguments, facts and reasons in support or against something
2	Renewable energy: a critical <i>assessment of</i> recent research	b	different particular or individual ways of considering something
3	<i>The Case for</i> Change: Rethinking Teacher Education	c	being well informed
4	Towards a new <i>approach</i> .	d	importance and ability to identify something
5	<i>Perspectives on Ecological Management</i>	e	the beliefs or opinions that you have about something
6	Study of public <i>awareness of</i> river pollution	f	A system of ways of studying something
7	Citizens' <i>Views on</i> Healthcare systems in European Union	g	Judgement of the amount, value or importance of ...
8 establishing a standardized <i>methodology</i>	h	way of considering something

4. Match the beginning of the sentences in A with their continuation in B.

	A		B
1	The study revealed a regular	a	case for restructuring parliament
2	The research focuses on one particular	b	awareness of the problem
3	The write makes a powerful	c	issues facing the world today
4	The writes take an original	d	pattern of changes in temperature.
5	Until recent there was little	e	into the environmental effects of nano-particles
6	I think you should broaden the	f	the scope of your research.
7	To date, there has been little re-search	g	aspect of modern society.
8	There are many important	h	approach to their theme.

LET'S REFRESH ENGLISH GRAMMAR

TO REVISE ACTIVE AND PASSIVE VOICES GO TO 101p.

5. Put the verbs in brackets into the correct form.

1. _____ (you/finish) your homework yet?
2. _____ (you/have) a nice time in Rome?
3. Andy is tired because he _____ (work) all day.
4. As soon as they _____ (arrive) we had dinner.
5. By 1960 most of Britain's old colonies _____ (become) independent.
6. David broke his leg when he _____ (ski) last week.
7. He _____ (be) at his computer for six hours.
8. How long _____ (she/have) that car?
9. How many people _____ (die) in the fire yesterday?
10. I _____ (never/be) sailing, what's it like?
11. I _____ (wait) for ages when finally the bus arrived.
12. I _____ (correct) all morning, I'm exhausted.
13. I _____ (not/know) much about art, but I like some artists.
14. I _____ (receive) a postcard from Jane yesterday.

15. It _____ (rain) when I got up this morning.
16. It was late. Most of the shops _____ (close).
17. Janet _____ (start) a new job in September.
18. My husband _____ (be) free for most of the afternoon.
19. Nelly _____ (have) a great time in New York at the moment.
20. She _____ (just/come) back from a Mediterranean cruise.
21. She was cooking dinner when we _____ (arrive).
22. The children were tired because they _____ (swim) in the pool all afternoon.
23. They _____ (go) to spend six weeks in the USA.
24. We _____ (be) too late for the train, it had just left.
25. We can use the car, I _____ (repair) it.
26. We were tired because we _____ (be) to a party the night before.
27. When I got the airport I realized I _____ (forget) my passport.
28. When they were driving home last night they _____ (see) a terrible accident.
29. Where _____ (Robert/live) now?
30. Who _____ (Mandy/talk) to?

6. The first sentence is in the ACTIVE VOICE. Choose the most correct way of saying the same thing in the PASSIVE VOICE:

1. They were interviewing her for the job.

She _____ for the job.

- a) was being interviewed
- b) was interviewed
- c) has been interviewed

2. Tom is writing the letter.

The letter _____ by Tom.

- a) was written
- b) is being written
- c) has been written

3. Everyone understands English.

English _____ by everyone.

- a) is understood

- b) has been understood
- c) was understood

4. The employees brought up this issue during the meeting.

This issue _____ by the employees during the meeting.

- a) has been brought up
- b) is brought up
- c) was brought up

5. The professor told him not to talk in class.

He _____ by the professor not to talk in class.

- a) has been told
- b) was told
- c) was being told

6. They say that women are smarter than men.

Women _____ to be smarter than men.

- a) were being said
- b) were said
- c) are said

7. The fire has destroyed the house.

The house _____ by the fire.

- a) has been destroyed
- b) was being destroyed
- c) is destroyed

8. She would have told you.

You _____ by her.

- a) would have been told
- b) would be told
- c) were being told

9. She would reject the offer.

The offer _____ by her.

- a) will have been rejected
- b) would be rejected
- c) will be rejected

10. This surprises me.

I _____ by this.

- a) would have been surprised
- b) will be surprised
- c) am surprised

7. For each sentence, choose either the active or the passive form of the verb in the brackets and the correct tense.

1. A smile _____ (appear) on her face.
2. Have you _____ (inform) yet about the new policy?
3. His grandfather _____ (pass away) years ago.
4. I _____ (learn) Japanese when I was in Tokyo.
5. I _____ (teach) by an old Japanese man.
6. I wouldn't have complained if the food _____ (not/be) overcooked.
7. I'll be happy if our plan _____ (succeed).
8. If I were you, I would _____ (contact) a lawyer.
9. In the UK, everyone _____ (drive) on the left.
10. Inter-city trains _____ (usually/drive) by men.
11. Michael Schumacher _____ (drive) for Ferrari in 2003.
12. Michelangelo _____ (paint) the Sistine Chapel.
13. My car _____ (steal)! Call the police!!!!
14. That car looks like it has never _____ (wash).
15. That door _____ (paint) yesterday.
16. The airplane, which _____ (operate) by Singapore Airlines, _____ (fly) by an experienced pilot.
17. The bridge _____ (destroy) by the storm last night.
18. The judge ordered that smoking _____ (prohibit) in restaurants.
19. The 'La Stampa' newspaper _____ (read) by two million people in Italy.
20. The new secretary _____ (type) at 100 wpm
21. The performance _____ (happen) right now. Let's go.
22. The Queen _____ (open) the bridge tomorrow.
23. The server _____ (order) to clean up the mess he had made.
24. The thieves _____ (steal) the gold last week.
25. This letter _____ (should/type), not handwritten!

26. Unfortunately, the budget has ____ (not/approve) yet.
27. We ____ (wait) for 30 minutes. Where is the bus?
28. The poem ____ (write) by the time you call me.
29. Who ____ you ____ (teach) the active and passive sentences by?
30. I ____ (help) by Milad solving the active and passive voice exercise now.

LET'S READ AND DISCUSS

READING A

8. Match a word in A with its synonym in B and translate them into Russian.

	A		B
1	perspective	a	immunization
2	solely	b	opportunity
3	inoculation	c	dedicated
4	sort out	d	seem
5	enthusiastic	e	barrier
6	lodging	f	viewpoint
7	chance	g	rudimental
8	sound	h	solve
9	obstacle	i	only
10	basic	j	accommodation

9. Match a word in A with words in B to make a phrase and with its Russian equivalent.

	A		B		C
1	contingency	a	downsides	1	студенческая стипендия
2	invaluable	b	standards	2	воспользоваться чем-л. в своих интересах
3	student	c	knowledge	3	прочно стоять на ногах
4	budget	d	advantage of smth.	4	соответствовать стандартам