

**Демонстрационный вариант промежуточной аттестации по английскому языку
(английскому) за курс 10 класса**

Part I Reading

Read the article and choose the correct answer.

Nicola Tesla.

For some reason his name is not widely known though he could join the company of the most famous scholars like Edison and Newton. He achieved remarkable results in mechanics, engineering, electricity, magnetism, and energy transmitting. His researches and his astonishing discoveries could have accelerated the science and technological progress tremendously, but they didn't.

The bulk of his theories and drafts were never implemented. Lots of his theoretical and engineering works were either never published, or lost, or just vanished and even the family weren't able to trace the track of the papers.

The oblivion and rare references in scientific and popular science journals could have been caused by different reasons, his complicated and controversial personality included, but anyone who is keen on physics is very well familiar with his name - Tesla is the unit to measure magnetic induction or magnetic flux, and is used to define the intensity of magnetic fields.

Nicola Tesla was born in 1856 and died in 1943. Serbian by origin, he spent most of his life in the United States and his life there was very diverse. He did unskilled jobs to feed himself and to generate money for research. He was vice president of the American Institute of Electrical Engineers. He cherished his friendship with Mark Twain and argued severely with Edison.

He had a photographic memory, was fluent in about eight languages and was claimed to suffer from mental disorder at the end of his life. Data about him is rather controversial. According to some documents, it was he who invented the radio and designed radio controlled devices. There is evidence that at the very end of the nineteenth century Tesla demonstrated a radio-controlled boat at the electrical exhibition in the United States, though radio-controlled devices were not used till the middle of the twentieth century. Even more stunning and unbelievable were Tesla's experiments with electricity.

Tesla supposed that it was possible to generate electricity from atmosphere and to transmit it wirelessly over huge distances. He had a specially equipped laboratory in Colorado Springs, State Colorado, the USA, where he experimented with electricity. According to his biographers the results were astonishing.

Tesla was able to create artificial lightning, much more powerful than the natural thing, and made it move in a certain direction, to a precisely calculated destination. If that had been true, it would make the most powerful and disastrous weapon mankind has ever known. There is a hypothesis, by the way, that the Tungus meteorite or Tunguska event, which happened in remote Siberia forests in 1908, was not a natural space body which exploded near the surface of the earth, but it was the effect of Tesla testing his directed energy weapon.

1. The author believes that the scientist

- a) was Newton's and Edison's friend.
- b) was absolutely unknown to the public.
- c) was as talented as his contemporary Edison.
- d) was less talented than his contemporary Edison.

2. His engineering and theoretical works were never implemented because

- a) they were very important for science.
- b) his family wanted to get much money for his papers.

- c) they were either vanished, or never published, or lost.
d) there were some reasons the author is not well aware of.
3. *According to the author, Nicola Tesla*
a) inherited a fortune from his Serbian relatives.
b) had a specially equipped laboratory in Colorado Summers, State Colorado, the USA.
c) was good at literature and languages.
d) was born in nineteen century and died in twenties century.
4. *The author says that*
a) Tesla's radio-controlled boat was sold after the electrical exhibition.
b) Tesla supposed that it was possible to generate electricity from atmosphere.
c) Tesla supposed that it was impossible to transmit it wirelessly over huge distances.
d) Tesla isn't used to define the intensity of magnetic fields.
5. *There is a hypothesis, the Tungus meteorite which happened in remote Siberia forests in 1908,*
a) was a natural space body which exploded near the surface of the earth.
b) was the effect of Tesla testing the universal Law of gravitation.
c) was the effect of Tesla testing his directed energy weapon.
d) was the effect of Tesla testing his directed nuclear weapon.

Part II Use of English.

1. Use the words in the appropriate forms.

<p>A lot of things have changed since the come of the "digital decade". As we enter the era of modern inventions, people's ideology of living becomes very different, in comparison as it was fifty years ago. We got used to such new things, which very help us in everyday life, people from the nearest past couldn't even dream about.</p> <p>Do you think about electricity when you switch on the light? Do you ever think about any _____(1) issues when you use a microwave, a cell phone or a laser printer? No, we have already got used to all those devices and take them for granted.</p> <p>Now we have much more _____(2) projects on the mind - launching space apparatus to Mars and studying the deeps of the ocean.</p> <p>If the _____(3) development of society doesn't slow down in the near future, _____(4) will make major breakthroughs in _____(5) technologies, space technologies and genetics. Nanotechnologies and robots will widen people's abilities _____(6).</p> <p>It's _____(7) an exciting time to live in, as so many _____(8) things are happening around.</p>	<p>science</p> <p>ambition</p> <p>technology</p> <p>science</p> <p>communicate</p> <p>dramatical</p> <p>real fantasy</p>
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2. Change the verbs to nouns and write them down.

verb	noun
1 imagine	
2 suggest	
3 excite	
4 invite	
5 disappoint	

3. Write the words into two columns world combinations and its translations.

1	A primitive dwarf elephant	a	Эволюция человека
2	Environmental condition	b	Сокращение энергетических потребностей
3	A global warming	c	Большая плотность населения
4	Tiny creatures	d	Примитивный карликовый слон
5	Densely populated	e	Крохотные существа
6	Human evolution	f	Время оледенения
7	Minimizing energy requirements	g	Условия окружающей среды
8	Glacial times	h	Глобальное потепление

Критерии оценивания:

Письменная работа: 26 – 22 балла (100 - 85%) - «5»
22 – 17 баллов (84- 61%) - «4»
16 – 13 баллов (60 -50 %)- «3»
12 баллов и меньше (49% и менее) - «2»