

SECTION I. THE ASSESSMENT OF COMMUNICATIVE COMPETENCE (30 points)

Read the text and do the tasks below the text.

A Life with Numbers

1	Imagine telling Einstein to stop studying physics. Imagine telling Picasso to stop painting. Could they stop doing the things they loved? This is what people tried to do to Sophie Germain.
5	Sophie's love was mathematics. She fell in love with it when she was only 13 years old. She found a book about Archimedes and his love of geometry in her father's library. Then she read all the books about math she could find and decided to become a mathematician.
	There were two problems. First, Sophie was born in eighteenth-century France. Second, she was a girl from a middle-class family. It was very unusual for girls from the middle class to study math in the 18th century.
10	Sophie's parents wanted her to be like other girls. When she studied math, they tried to stop her. But Sophie studied secretly at night, by candlelight, when her parents slept. Finally, her parents decided to let Sophie study. It was too hard to stop her!
15	When Sophie was 18 years old, a school for mathematicians opened in Paris. Sophie could not take classes there because it was for men only. However, she did not let this discrimination against women stop her. She started writing letters to math professors at the school. She asked them questions and she wrote about her ideas. Yet, she did not sign her own name on the letters. She used a man's name, <i>Monsieur LeBlanc</i> . This idea worked and the professors replied to her letters. After a while, one professor asked to meet the <i>brilliant</i> Monsieur LeBlanc. Imagine his surprise! Monsieur LeBlanc was a woman. The professor did not tell anyone Sophie's secret.
20	Sophie continued to write to other mathematicians and she even met some of them. But they usually stopped helping her after a short time. Was it because she was a woman? No one is sure. It was a challenge to be an educated woman in Sophie's time, but it did not stop her. Sophie went on studying and learned algebra and calculus.
25	Sophie Germain is famous for excellent work on a difficult math problem that was a challenge for many other mathematicians. Sophie is also famous for her studies of metal as a building material. Years later, engineers used her ideas to build skyscrapers, such as the Eiffel Tower in Paris, Sophie's hometown.
30	Today, on the base of the Eiffel Tower, there are 72 names of brilliant French scientists and mathematicians. These people made significant contributions to the world. However, there is one important name that is missing: Sophie Germain.

No	Item	Score	
1.	<p>Answer the following questions according to the text. (Total: 6 points)</p> <p>a) According to the text, what did Sophie decide to do after she had read all the books about math in her father's library?</p> <p>_____</p> <p>_____</p> <p>_____</p>	A 0 1 2	A 0 1 2
	<p>b) According to the text, what is Sophie Germain famous for?</p> <p>_____</p> <p>_____</p> <p>_____</p>	A 0 1 2	A 0 1 2
	<p>c) According to the text, what can you find on the base of the Eiffel Tower?</p> <p>_____</p> <p>_____</p> <p>_____</p>	A 0 1 2	A 0 1 2
2.	<p>Circle the correct answer according to the text. (Total: 4 points)</p> <p>1. According to the writer, Sophie got help from some professors at the school of mathematics because</p> <p>a. she read their books. b. she wrote them letters. c. she took the professors' classes. d. she was from a middle-class family.</p>	A 0 2	A 0 2
	<p>2. The word <i>brilliant</i> in line 17 is closest in meaning to</p> <p>a. extremely intelligent; b. bright in colour; c. full of light; d. very expensive.</p>	A 0 2	A 0 2
3.	<p>Based on the text, write if the sentences are <i>True</i> or <i>False</i>. Justify your choice. (Total: 6 points)</p> <p>a) According to the text, it was a good idea to use a man's name on the letters Sophie sent to math professors. _____ because _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>b) According to the text, Sophie gave up studying mathematics at a certain moment. _____ because _____</p> <p>_____</p> <p>_____</p>	A 0 1 3 A 0 1 3	A 0 1 3 A 0 1 3
4.	<p>Find in the text the synonyms for the words given below. (Total: 4 points)</p> <p>a) to answer - _____</p> <p>b) well-known - _____</p>	A 0 2 4	A 0 2 4

5.	Give another title to the text. (Total: 2 points)	A	A
		0	0
		1	1
6.	Explain the message of the text in 35-40 words. (Total: 8 points)	2	2
		0	0
		2	2
		4	4
		6	6
		A	A
		0	0
		1	1
		2	2

SECTION II. THE ASSESSMENT OF LINGUISTIC COMPETENCE (20 points)

Fill in the gaps with the correct form of the word or with the correct form of the verb in brackets.

No	Item	Score	
1-10	An average teenager (<i>spends/spent/will spend</i>) _____ from three to six hours communicating with friends on blogs and social networks every day. I'm not an exception! In fact, I think that the internet is a really important part of my life. You (<i>ought to/can/should to</i>) _____ choose from forum websites, social networks or blogs to communicate with your friends, and (<i>then/there/these</i>) _____ is also a chance to meet new people. Sometimes, of course, there are people who criticize you, but also there are always good friends who are ready (<i>helping/help/to help</i>) _____ you. They can help and comfort you when you break down in tears. Personally, I don't use social networks very often. I just visit (<i>them/they/their</i>) _____ to check some news. But I love blogging! Every week I try to write (<i>the/-/a</i>) _____ post about my life. I also think that at present letters and postcards (<i>are becoming/are become/will become</i>) _____ less popular and will disappear in the nearest future. Last year, my mum (<i>was creating/had created/created</i>) _____ an account on Facebook. Of course, at first she found it very difficult, but then she relaxed after I (<i>had been explained/had explained/ was explaining</i>) _____ how everything worked. Now, she has even (<i>the most/more/as many</i>) _____ friends than I do!	A	A
		0	0
		2	2
		4	4
		6	6
		8	8
		10	10
		12	12
		14	14
		16	16
18	18		
20	20		

SECTION IV. THE ASSESSMENT OF PRAGMATIC AND CIVIC COMPETENCES

(30 points)

Write a 180-200-word coherent text expressing your attitude on the given topic.

1.	What pieces of advice would you give to the one who wants to choose his/her profession? Justify your opinion. Present two examples. Use the following plan: · introduction; · body; · conclusion.	0	0
		1	1
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		1	1
		2	2
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