

ÉRETTSÉGI VIZSGA • 2020. október 19.

**FÖLDRAJZ
ANGOL NYELVEN**

**KÖZÉPSZINTŰ
ÍRÁSBELI VIZSGA**

2020. október 19. 14:00

I.

Időtartam: 25 perc

Pótlapok száma	
Tisztázati	
Piszkozati	

EMBERI ERŐFORRÁSOK MINISZTERIUMA

Important information

The written examination consists of two papers (**Paper I** and **Paper II**).

The use of the **Geography Atlas for Secondary Schools** or any other help is **not allowed** in **Paper I**. When the time is up, **hand the completed paper over to the supervising teacher**.

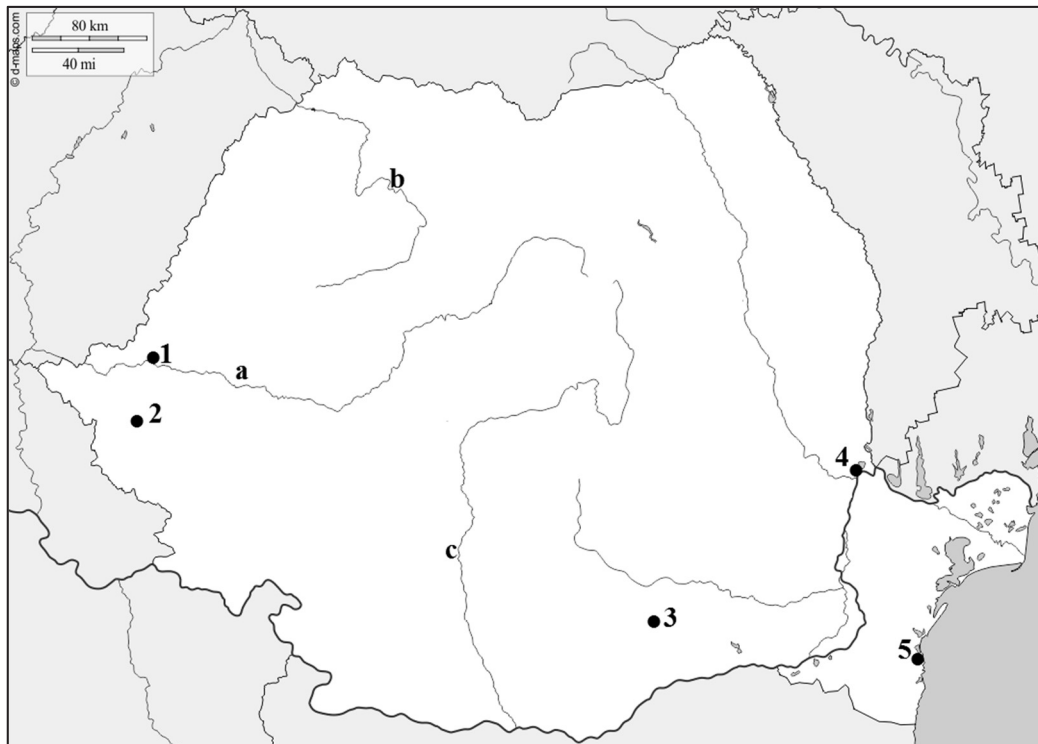
You can answer the questions **in any order**.

First, **read** the questions carefully, **think over** your answer, and then write it **in ink (with a pen)** in the appropriate place. You can correct your answer if necessary, but no points can be awarded for your answer if the crossing out or the correction is unclear, or if the answer is written in pencil.

Giving more answers than the possibly correct one is penalised by point deduction.

The total **score** and the subtotals that **can be awarded** for the tasks are shown beside/below the tasks. Please **leave the grey squares blank**.

1. Study the sketch map, and name the geographical entities labelled with numbers and letters.



The source of the map: www.d-maps.com

a) Name the cities labelled with numbers.

- 1.
- 2.
- 3.
- 4.
- 5.

5 points	
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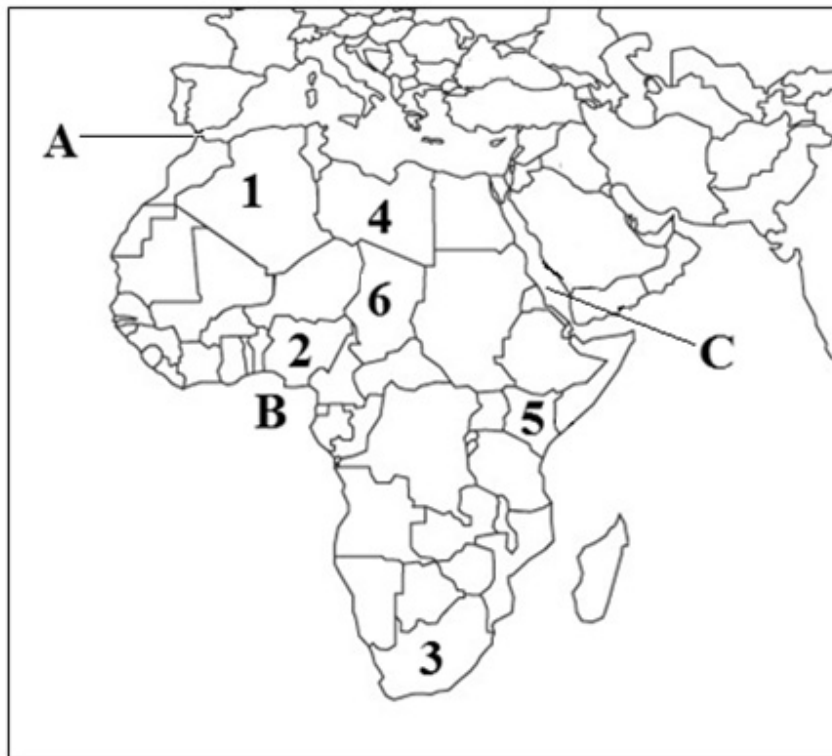
b) Name the rivers labelled with small letters.

- a)
- b)
- c)

3 points	
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8 points	
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2. Study the sketch map, and do the tasks related to it.



The source of the map: <https://gis.stackexchange.com/questions/5116/free-mercator-vector-maps>

a) Name the countries labelled with numbers.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

6 points	
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b) Name the hydrographic entities labelled with letters.

- A. Strait of
- B. Gulf of
- C. Sea

3 points	
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9 points	
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3. Name the county seats labelled with numbers on the sketch map.



The source of the map: www.d-maps.com

1.
2.
3.
4.
5.
6.
7.
8.

8 points	
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Total possible score in Paper I: 25 points	
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I. Tasks assessing topographic knowledge and skills	Number. of task	score	
		total	student's
	1.	8	
	2.	9	
	3.	8	
TOTAL		25	

date

examiner

I. Topográfiai ismeretek, készségek	pontszáma egész számra kerekítve	
	elért	programba beírt

dátum

dátum

javító tanár

jegyző

Megjegyzések:

1. Ha a vizsgázó a II. írásbeli összetevő megoldását elkezdte, akkor ez a táblázat és az aláírási rész üresen marad!
2. Ha a vizsga az I. összetevő teljesítése közben megszakad, illetve nem folytatódik a II. összetevővel, akkor ez a táblázat és az aláírási rész kitöltendő!

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**FÖLDRAJZ
ANGOL NYELVEN**

**KÖZÉPSZINTŰ
ÍRÁSBELI VIZSGA**

2020. október 19. 14:00

II.

Időtartam: 125 perc

Pótlapok száma	
Tisztázati	
Piszkozati	

EMBERI ERŐFORRÁSOK MINISZTERIUMA

Important information

The written examination consists of two papers (**Paper I** and **Paper II**).

The use of the **Geography Atlas for Secondary Schools** is allowed in **Paper II**. A **calculator can be used** if necessary, **but remember that the steps of the problem-solving process should always be presented**. You can use a compass and a ruler as well if necessary.

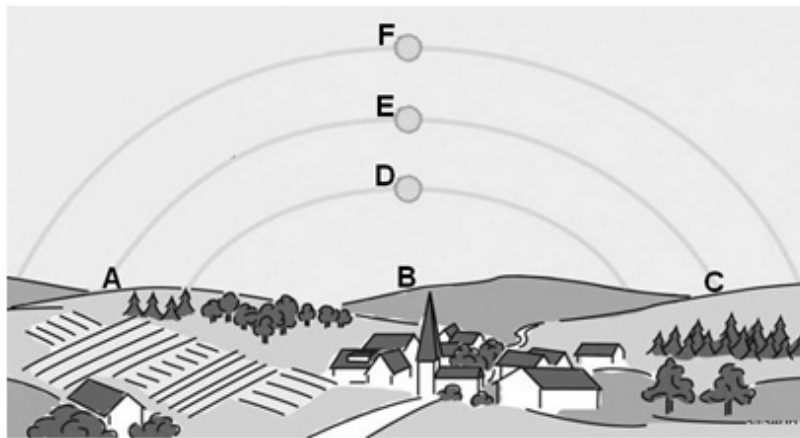
You can answer the questions **in any order**.

First, **read** the questions carefully, **think over** your answer, and then write it **in ink (with a pen)** in the appropriate place. You can correct your answer if necessary, but no points can be awarded for your answer if the crossing out or the correction is unclear, or if the answer is written in pencil.

Always give the most adequate answers to the questions. More answers than required by the question (e.g. naming three examples instead of two) will not award extra points, actually, giving more answers than required will be penalised by point deduction.

The total **score** and the subtotals **that can be awarded** for the tasks are shown beside/below the tasks. Please **leave the grey squares blank**.

1. The picture below shows the virtual path of the Sun over a Hungarian settlement during the vernal and autumnal equinoxes and the summer and winter solstices respectively. Study the picture, and do the tasks related to it.



a) The hikers set off eastward from the church tower, then they went on southward, finally they turned westward, and then they returned to the village. Which capital letter in the picture indicates the different directions relative to the tower? Write the appropriate capital letter into the square.

- 1. east
- 2. south
- 3. west

3 points	
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b) Which letter marks the virtual path of the Sun? Answer by writing the appropriate letter into the square.

- 1. on 21 December?
- 2. on 21 June?

2 points	
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c) In which month is the shadow of the church tower the longest at noon? Circle the letter of the correct answer. Explain your choice.

- A) in March
- B) in June
- C) in September
- D) in December

Explanation:

.....

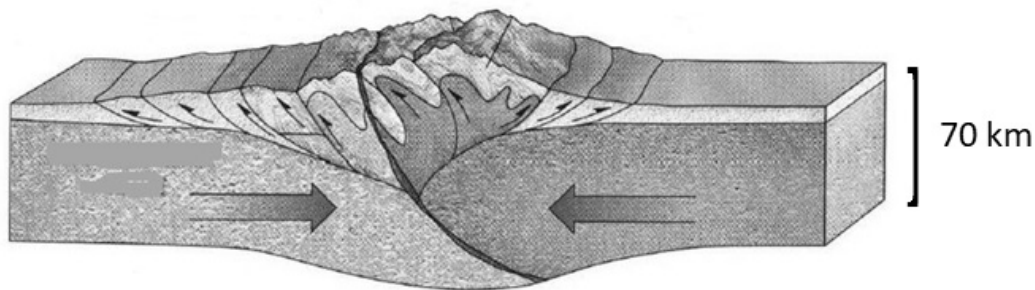
Towards which cardinal point does the shadow of the church tower point in the middle of December at noon? Write the name of the cardinal point on the dotted line. *Ignore the daylight saving time clock shift.*

.....

3 points	
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8 points	
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2. The picture below shows movements of tectonic plates. Answer the questions on the basis of the picture and your knowledge.



Source: <https://slideplayer.com/slide/13059247/79/images/52/Continental-continental+collision+Two+continental+plates+%E2%80%93+Himalayas.jpg>

a) What type of tectonic plates can you identify in the picture?

.....

1 point	
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b) What makes the tectonic plates move?

.....

1 point	
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c) What type of rocks are the mountains formed due to this kind of tectonic plate movement mostly built up of?

.....

1 point	
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d) What structural movements are related to this kind of mountain formation?

.....

1 point	
---------	--

e) Name the mountain system which started forming due to this type of tectonic plate movement in the Mesozoic.

.....

Name two tectonic plates colliding with each other which played a role in this mountain formation.

..... and

3 points	
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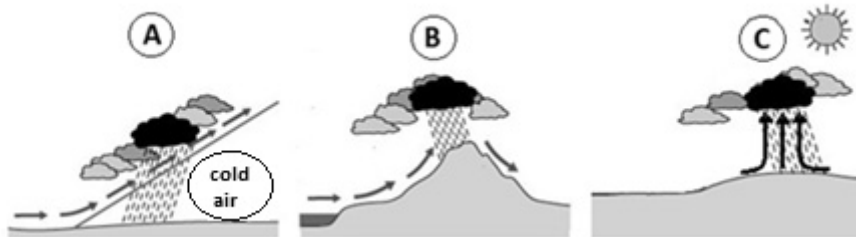
f) What kind of phenomena may accompany mountain formation? Name one.

.....

1 point	
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8 points	
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3. Study the pictures, and do the tasks.



a) What causes the ascent of the air in the cases shown in the different pictures?

A:

B:

C:

1 point	
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b) Which picture is showing a state occurring in a cyclone? Write the letter of the picture into the square.

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1 point	
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c) What is the dew point?

.....
.....

1 point	
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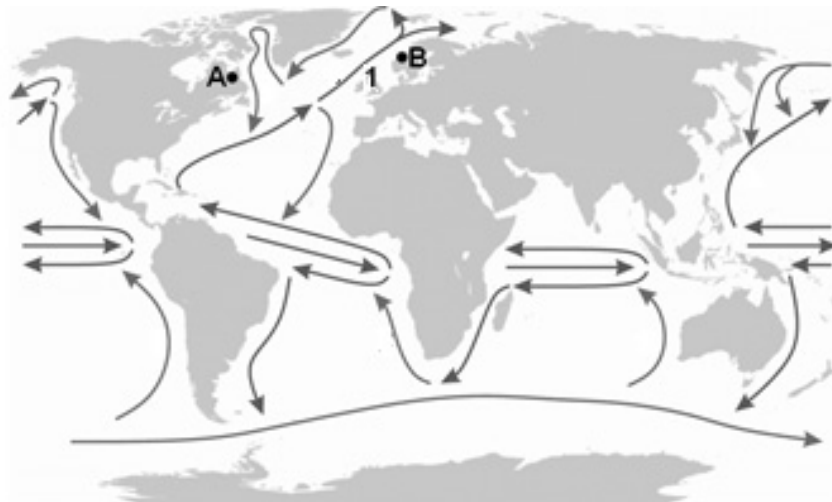
d) How can air get saturated? Describe the two possible ways.

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2 points	
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7 points	
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4. Study the sketch map, and do the tasks.



- a) Name the ocean current marked with number **1**.
 What makes its water move?
 What changes the direction of the current?

3 points	
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- b) Why is there only one gyre (system of currents) in the southern basin of the Atlantic Ocean?

.....

1 point	
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- c) **A** and **B** are located nearly on the same latitude. But their mean annual temperatures are significantly different. Which mean annual temperature value is typical of location **A**, and which one is typical of location **B**? Write the letter of the location on the dotted line next to the appropriate temperature value. *You cannot write a letter next to each value.*

4 °C 15 °C 28 °C

Explain your answer.

In location **A**:

In location **B**:

4 points	
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8 points	
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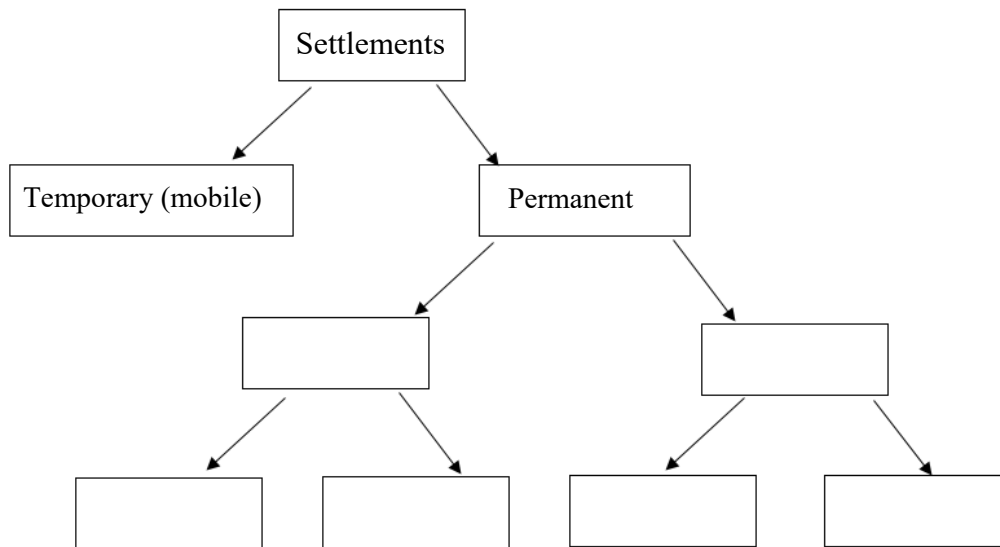
5. Students are comparing the Mediterranean area with the maritime one. But the statements have been jumbled. Sort them out, and write the numbers of the statements into the chart, under the name of the appropriate area.

Typical of the Mediterranean area	Typical of the maritime area	Typical of both areas

1. Its rivers have a low discharge in the summer.
2. This area is in the true temperate belt.
3. It develops along the edge/coastline of continents.
4. Westerly winds are predominant here in winter.
5. Grapes, oranges, vegetables, olives, fruits are typically grown in this area.
6. In these areas of Europe the territories covered by natural vegetation and deciduous – beech – forests have been reduced during the previous centuries.
7. The trees living here are mainly evergreen, most of them have tough, leathery leaves protected by a thick layer of wax.
8. It is located in the warm temperate belt.

8 points	
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6. Complete the gaps of the chart which shows the system of settlement types. Write the numbers of the notions into the appropriate gap. You will not be able to mention all the notions.



1. town 2. village 3. grouped settlement 4. homestead
5. dispersed settlement 6. agglomeration 7. farm

6 points	
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7. Do the tasks related to the functioning of the market.

A company launched a new agricultural tool on the market, and was able to sell it at an ever-falling price. The company experienced the following:

Market price (million HUF/item)	Sold quantity (thousand items)
2.5	4
2	5
1.5	6
1	8
0.5	12

a) What influenced the change of the demand?

Why was the company able to sell the tool at an ever-falling price? Write one reason.

.....
.....

1 point

b) What effect would it have on the market price if the company weren't able to make more tools but the demand would still be growing?

.....

1 point

c) Define what influences the price of a certain product on the market.

.....

1 point

4 points

8. Which activity or function is typical of the cities below? Write the letter of the appropriate city on the dotted line before the functions. You will not be able to mention every group of cities.

- A. Gdańsk, Genoa, Marseille
- B. Zagreb, Saint Petersburg, Antwerp
- C. Karlovy Vary, Salzburg, Rome
- D. Linz, Galați, Donetsk
- E. Amsterdam, Tallinn, Tirana
- F. Beregovo (Beregszász), Târgu Mureș (Marosvásárhely), Novi Sad (Újvidék)
- G. Vienna, Geneva, Brussels

- 1. administrative centres
- 2. cultural and touristic centres
- 3. the seats of organisations of international importance
- 4. centres of siderurgy and heavy industry
- 5. centres of ethnic culture
- 6. harbours, nautical centres

6 points	
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9. Read the short economic analysis, and do the tasks related to it.

There were high expectations in the 1960s: the hope that a period of revival would come for every aspiring economy was real. At the end of the 1960s some East Asian economies took the lead in this process. And at the beginning of the 1980s China started its development, which has been taking place for decades. The Indian economy has also been developing strongly since the beginning of the 1990s, the rate of annual increase of the GDP reached 9% by 2005. But Africa made no progress, sinking into poverty.

Finally, at the turn of the 21st century things started to change for Africa. Around 2014 the exporters of raw materials had to face a setback when prices fell. But eventually this proved to be a blessing because it made the countries diversify* their economies, and this helped the development which had just started off.

*they backed the introduction of various economic activities

The text was written on the basis of the following source: <https://www.vg.hu/velemeny/eljott-afrika-ideje-782693/>

- a) The economic development of which country might the article refer to in the sentence written about the end of the 1960s? Write the letter of the correct answer into the square.

- A) China
- B) India
- C) South Korea
- D) Japan
- E) Malaysia

1 point	
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- b) The economy of a Latin American country has been developing promisingly, just like those of India and China. This country is rich in natural resources and has a large population. Which country is it?

.....

1 point	
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- c) Why did the mining companies in South Africa earn a lower income in the middle of the 2010s than in the previous years?

.....

1 point	
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d) Which two of the following statements prove the restructuring (diversification) of the economy taking place in African countries? Write the letters of the appropriate statements into the squares.

- A) The growth of the economy of Ethiopia, which is based on the export of agricultural products, has intensified significantly in the last few decades.
- B) Tanzania would need a lot more working capital, a better infrastructure and an educational reform for a faster development.
- C) According to the World Bank, Ghana increases its economy by 8.3%, Ethiopia by 8.2%, and Senegal by 6.9%. As a consequence, the economies of these countries are among the fastest-growing ones in the world.
- D) In Nigeria, due to the successful investments, the domestic resources have been explored, and besides the exploitation, the country transports a growing amount of processed products to the world market.
- E) The economy of Tunisia can rely more and more on three branches: agriculture, services, and the very important tourism.

2 points	
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5 points	
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10. Study the chart containing the population data of Hungary, and answer the questions.

YEAR	NUMBER OF POPULATION (million people)	NATURAL GROWTH (%)
1960	9.9	4.5
1965	10.1	2.4
1970	10.3	3.1
1975	10.5	6.0
1980	10.7	0.3
1985	10.6	-1.6
1990	10.4	-1.9
1995	10.3	-3.2
2000	10.2	-3.7
2005	10.1	-3.8
2010	10.0	-4.0
2015	9.8	-4.1

- a) In which year was the population growth of the country the highest due to the natural demographical processes?

.....

1 point	
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- b) What do the negative figures in the chart mean?

.....

1 point	
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- c) Define the general feature of the demographical process of our country after 1980 based on the data above.

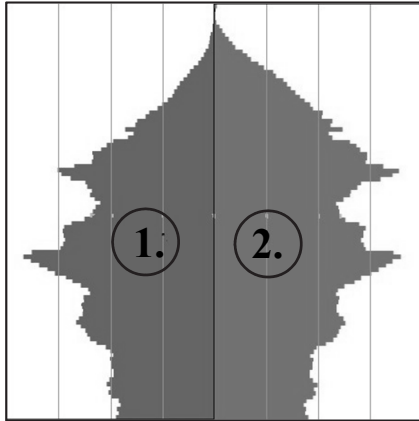
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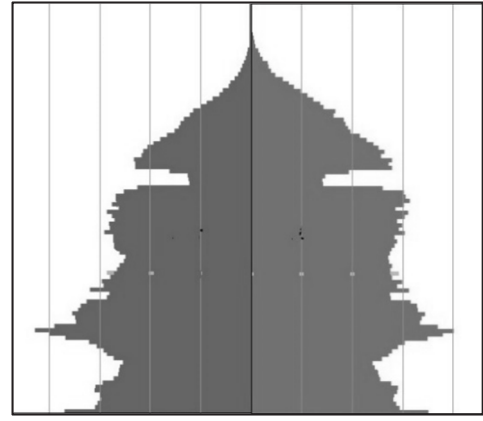
1 point	
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- d) The pictures below show population pyramids of Hungary. One was made in 1975, the other one in 2015. Decide which population pyramid belongs to which year. Write the year on the dotted line below each picture.

A.



B.



The source of the data and the population pyramids: HCSO

.....

.....

Explain your decision. Phrase an argument.

.....
.....

2 points	
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- e) Which number marks the female population on the population pyramid labelled with A?

.....

How did you come to this conclusion? Give one reason.

.....
.....

2 points	
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7 points	
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11. Decide if the following statements are true or false. Write the numbers of the statements in the appropriate place.

TRUE statement:

FALSE statement:

1. In developed countries the state has to spend more and more money on the healthcare and social care of the ageing population.
2. In sub-Saharan African countries, the shortage of labour force is an increasing problem.
3. In the Sahel, overgrazing occurs as a result of desertification.
4. Due to the large-scale urban unemployment, in developing countries, a lot of people move to the countryside to become self-sufficient by cultivating small plots there.
5. In developed countries, the consumption of the society exceeds the needs.
6. The increasing spread of non-renewable energy resources can contribute to the decrease of the degree of global warming.
7. In the Amazon Basin and in the Congo Basin, trees are mostly cut down without planting new ones in their places or letting the forest renew (regenerate) naturally.
8. Due to the thinning ozone layer, the UV radiation reaching the surface of the Earth has become stronger. That's why we have to be more careful while sunbathing.

8 points	
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Total possible score in Paper II: 75 points	
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		score	
		total	student's
I. Tasks assessing topographical knowledge and skills		25	
II. Tasks assessing geographical knowledge and skills	1.	8	
	2.	8	
	3.	7	
	4.	8	
	5.	8	
	6.	6	
	7.	4	
	8.	6	
	9.	5	
	10.	7	
	11.	8	
Total score in the written part of the examination		100	

date

examiner

	pontszáma egész számra kerekítve	
	elért	programba beírt
(I. Topográfiai ismeretek, készségek II. Földrajzi ismeretek, képességek) Az írásbeli vizsgarész pontszáma		

dátum

dátum

javító tanár

jegyző