

IV. ORSZÁGOS, ANGOL NYELVŰ, FÖLDRAJZI TANULMÁNYI VERSENY

II. FORDULÓ

PÉCS, 2013. JANUÁR 19.

Password:



Question and Answer Booklet

Instructions:

1. Fill in your password on the front page of this booklet.
2. Fill in your password on top of the pages in this booklet.
3. This test consists of 7 sections.
4. The maximum total mark is 70.
5. The mark for each section is given at the beginning of the section.
6. Give only the required number of answers (reasons, examples, et cetera). For instance, if the question asks for 2 reasons and you give more than 2, only the first 2 reasons will be marked.
7. Answer all questions in the spaces provided in this booklet.
8. The Source Booklet contains the maps and figures referred to in the questions.
9. You may use a calculator during the test.
10. Time: 180 minutes. Calculate your time efficiently.

Good luck!

Section 1 Autonomy (8 points)



1) **Name** the four constituent countries of the United Kingdom. **Mark** them on the map.

a) _____ b) _____ c) _____ d) _____

Name those two autonomous communities in Spain, which would like to reach larger autonomy. **Mark** them on the map.

e) _____ f) _____

2) **Study** Source 1 in the Source Booklet.

What do the pictures depict? Which is the odd one out? Name the reason.

Picture 1 _____ Picture 2 _____

Picture 3 _____ Picture 4 _____

The odd one out is Picture ____, because _____.

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3) **Give** a brief tourist summary of the north most country of UK (8-10 sentences). Build your answer upon a physical geographical basis.

4) The youngest country on the Balkan Peninsula is Kosovo. It became independent in 2008. Many countries have declared its secession, but there are several others which have not accepted Kosovo as a country. The United Kingdom and Belgium were among the first who announced their recognition. What could be the negative effects of their above mentioned statements concerning to their domestic politics? **Name** at least one consequence each.

5) **Give** a brief definition of autonomy.

Section 2 ‘Rivertown’ (23 points)

1) Rivertown is an imaginary town. It is located 46°N, 20°E. Match the satellite images and pictures (see Page 6) with land use patterns (A-J). **Give** the right letters here.

___ CBD

___ Residential zones

___ Garden city/suburban areas

___ Slums

___ Waste-water treatment plant

___ Sport and leisure facilities

___ Cemetery

___ Rural residential areas

___ Industrial zones

___ Gated communities

2) What kind of general possible land use types could be depicted to the blank areas? **Name** four here and mark them on the map with the following letters.

K - _____

M - _____

L - _____

N - _____

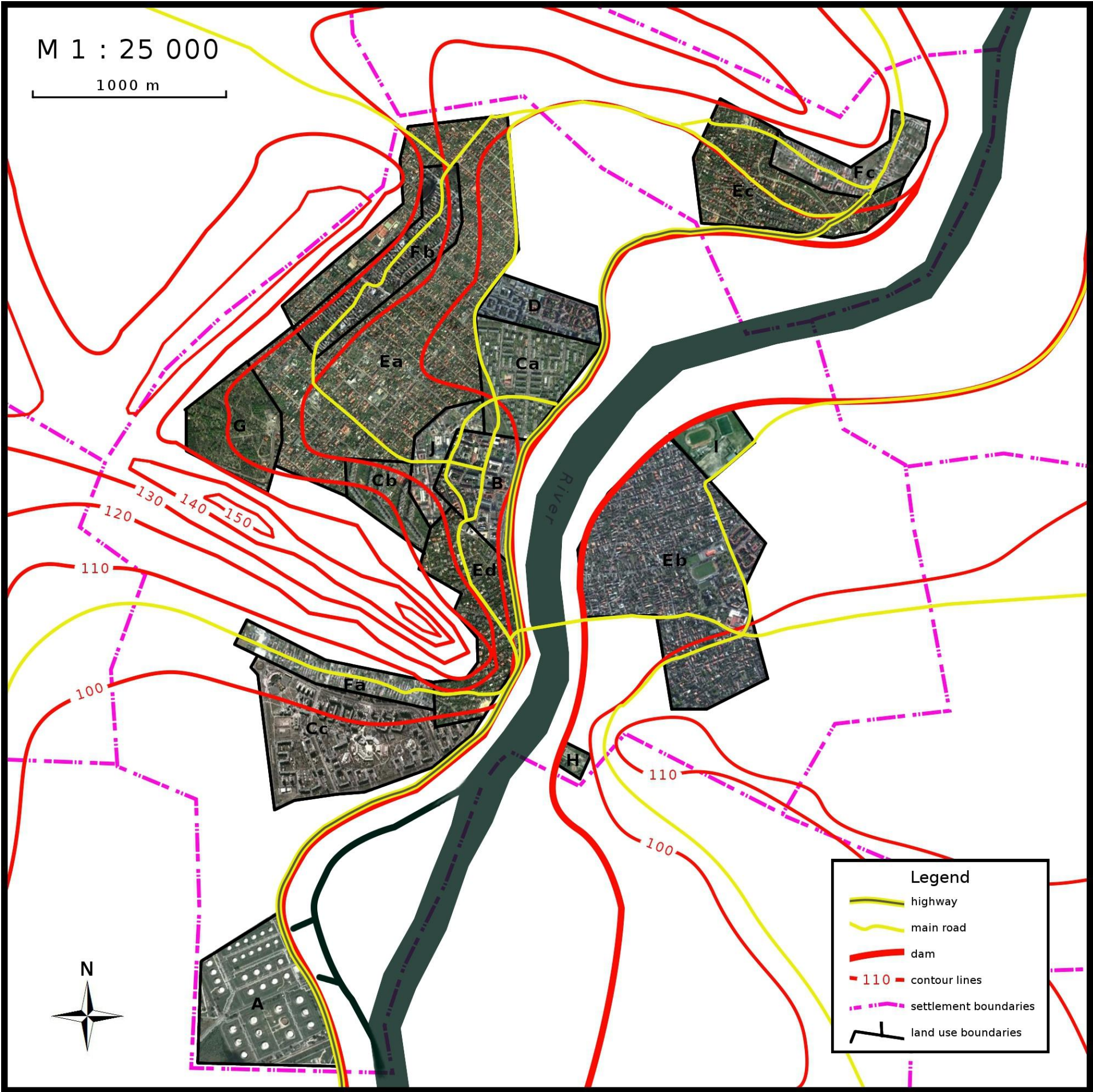
3) **Study** Source 2A in the Source Booklet.

a) **Name** the climate zone of the city.

b) On the basis of the data provided, what type of river is being formed nowadays?

c) Is it necessary to raise the height of dams in the coming decade?

d) **Shade** with blue colour those areas on the map (Page 6) which would be flooded in case of +892 cm peak flood. (The 0 cm water level is equal with the elevation of 91.6 m at Rivertown.)



4) Study Source 2B in the Source Booklet.

a) How was the area formed? **Give** a brief description; build your answer upon the geological profile and geomorphology (5-7 sentences).

b) **Name** two possible economic activities which can be prosperous because of the local resources.

1 _____ 2 _____

5) Study Source 2C in the Source Booklet.

a) **Give** the letter of the districts, where the population density is higher than 60 people per km² (this is the required figure for tramway – see later).

b) What is the connection between the distance from CBD and number of cars per household?

6) Nowadays the development of public transport is a major issue in the world; especially green types, such as tramway. How do the followings influence a tramway development? **Write** one positive and one negative relation each.

Type of land use:

+ _____

- _____

Water regime:

+ _____
- _____

Geology, geomorphology:

+ _____
- _____

Population:

+ _____
- _____

Transport:

+ _____
- _____

7) Do you think it is necessary to build a tramway in Rivertown? Make a clear decision with the help of the above mentioned and with the following information. The maximum slope up of the line is 50%. **If your answer is yes, summarize your reasons (5-7 sentences) and draw one efficient line on the map (Page 6). If your answer is no, summarize your reasons and give alternative green solutions (5-7 sentences).**

Section 3 Climate (7 points)

1) **Study** Source 3 in the Source Booklet. **Draw** a simplified climate chart.

2) **Name** the climate: _____

3) **Name** three countries where this climate type can be found.

1 _____ 2 _____ 3 _____

Section 4 Accumulation, deposition (8 points)

1) **Study** Source 4A in the Source Booklet. How the formation on Picture A is evolved? (5-7 sentences)

2) **Name** three types of the above formation.

1 _____ 2 _____ 3 _____

3) **Give** a brief summary about how the formation depicted on Pictures B is developed. (5-7 sentences)

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4) Name two largest of the above formation of the world.

1 _____ 2 _____

B

5) Study Source 4B in the Source Booklet. Name the numbered parts of the formations.

1 _____ 2 _____

3 _____ 4 _____

Section 6 Global issues (8 points)

1) Give the definition of the followings:

Overpopulation

Glocalization

Urbanization

2) Why urbanization is a global issue? (5-7 sentences)

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3) Name two other global problems:

1 _____

2 _____

Section 7 Quiz (6 points)

Choose the correct answer. Mark your choice with an X in the right box. Only one answer each is correct.

1) Which climate has the following characteristics: the annual temperature is 20-27-°C, the annual rainfall is 400-800 mm, unbalanced regime of watercourse.

Humid continental

Tropical savannah

Humid subtropical

Mediterranean

2) River Rhine does NOT flow past in this country.

Liechtenstein

The Netherlands

Switzerland

Luxembourg

3) Which is true for the Intertropical Convergence Zone?

It is an area of high atmospheric pressure.

It lies along the Tropic of Cancer.

It is an area of low atmospheric pressure.

It causes calm, predictable weather.

4) The Cook Strait is situated between:

Australia and Tasmania

The North and South Islands (New Zealand)

Australia and New Guinea

Malaysia and Sumatra

5) Where can we find the highest proportion of Roman Catholics?

Spain

France

The Netherlands

Serbia

6) Which one does NOT belong to the Variscan Belt?

Massif Central

Devon

Ardennes

Scotland

7) Which one of the followings is an operating airline?

Swissair

Malév

Qantas

Pan American

8) Which volcano is NOT part of the Pacific Ring of Fire?

Mt. St. Helens

Mauna Loa

Krakatau

Cotopaxi

9) Which scale is used for the empirical measurement of wind speed?

Munsell system

Mohs scale

Richter scale

Beaufort scale

10) Which one is NOT a moon of Jupiter?

Io

Callisto

Ganymede

Titan

11) Which one is the largest city among the followings by its population?

New York

Moscow

Mexico City

Beijing

12) Which country was NOT part of the so cold Slave Coast?

Togo

Angola

Benin

Nigeria

13) Which religion the stupa belongs to?

Hinduism

Islam

Confucianism

Buddhism

14) Which one is a South Korean automobile manufacturer?

Honda

Suzuki

Mazda

Hyundai