ÉRETTSÉGI VIZSGA • 2007. május 15.

FÖLDRAJZ
ANGOL NYELVEN
GEOGRAPHY

2007. május 15. 14:00

KÖZÉPSZINTŰ
ÍRÁSBELI VIZSGA
INTERMEDIATE LEVEL
WRITTEN EXAM

I.

Időtartam: 20 perc
The examination is 20 minutes long.

<table>
<thead>
<tr>
<th>Pótlapok száma</th>
<th>Number of extra sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tisztázati</td>
<td>Final version</td>
</tr>
<tr>
<td>Piszkozati</td>
<td>Drafts</td>
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OKTATÁSI ÉS KULTURÁLIS
MINISZTÉRIUM
MINISTRY OF EDUCATION
AND CULTURE
Important information

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

The available time for Paper I. is 20 minutes. The use of the Geography Atlas for Secondary Schools or any other help is not allowed in this part of the exam. After the time is up, hand the completed Paper I. over to the supervising teacher.

You can answer the questions in any order.

First, read the questions carefully, think over your answer then write your answer in ink (with pen) in the appropriate place. You can correct your answer if necessary, but in the cases of equivocal or unclear corrections, cancellations or corrections made with pencil, no points can be awarded for your answer.

The number of points that can be awarded for assignments or assignment groups are shown beside/below the questions. Please leave the grey squares blank.
1. Solve the problems after examining the outline map below.

**a)** Name the geographic places labelled with numbers in the outline map.
1. .................................. Plate
2. .................................. Desert
3. .................................. (estuary)
4. .................................. Highland
5. .................................. (river)

**b)** Which countries are labelled with letters? Put the appropriate names on the dotted lines.

a) ..................................

b) ..................................

c) ..................................
2. Solve the problems after examining the outline map below.

a) Name the towns labelled with numbers in the outline map.

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

5 points

b) Which towns are associated with the production of the following car brands? Answer by putting the letters of the appropriate towns next to car brands.

Suzuki: .................................
Opel: .................................
Audi: .................................

3 points

8 points
3. Solve the problems after examining the outline map below.

a) Name the mountain ranges or mountains labelled with numbers in the outline map.
1. ......................................................
2. ......................................................
3. ......................................................
4. ......................................................

   4 points

b) Name the rivers labelled with numbers in the outline map.
5. ......................................................
6. ......................................................
7. ......................................................

   3 points

c) Which mountain system are the mountain ranges shown in the outline map the members of?

...........................................................................................................

Which rock is typical of the mountain labelled with No. 3? Underline the correct one.

   sedimentary   metamorphic   igneous

   2 points

   9 points

Total points in Paper I.: 25 points
<table>
<thead>
<tr>
<th>Number of task</th>
<th>Total points</th>
<th>Student’s points</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>2.</td>
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<td></td>
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<tr>
<td>3.</td>
<td>9</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>25</strong></td>
<td></td>
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</table>

Examiner

Date:………………………………………

<table>
<thead>
<tr>
<th>Student’s points</th>
<th>Points included in the Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elért pontszám</td>
<td>Programba beírt pontszám</td>
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</tbody>
</table>

I. Tasks assessing topographic knowledge and skills.
Topográfiai ismeretek, készségek feladatsor

Examiner / javító tanár
Registrar of the Board of Examiners / jegyző

Date/Dátum:…………………………………… Date/Dátum:……………………………………

Notes:
1. If the candidate has started completing Paper II., this table and place of signature should be left blank.
2. If the completion of Paper I. is interrupted or not followed by the completion of Paper II., then this table and place of signature is to be filled in.

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!
FÖLDRAJZ
ANGOL NYELVEN
GEOGRAPHY

2007. május 15. 14:00

KÖZÉPSZINTŰ
ÍRÁSBELI VIZSGA
INTERMEDIATE LEVEL
WRITTEN EXAM

II.

Időtartam: 100 perc
The examination is 100 minutes long.
Important Information

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

The time allowed for **Paper II.** is **100 minutes.** The use of the Geography Atlas for Secondary Schools is allowed. A calculator can be used if necessary, but the steps of problem solving should also be presented. You can use compasses and ruler if necessary.

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

First, **read the questions carefully, think over your answer** then write your answer **in ink (with pen)** in the appropriate place. You can correct your answer if necessary, but no points can be awarded for your answer in the cases of equivocal or unclear corrections, cancellations or corrections made with a pencil.

Give the most adequate answers to the questions. More answers than required (e.g. naming three examples instead of the required two) are not awarded by extra points.

The **total number of points** and the subtotals that can be awarded for assignments or assignment groups are shown beside/below the questions. **Please leave the grey squares blank.**
1. The following problems deal with laws of planetary motion. Answer the question after examining the figures.

a) What conclusion can you draw regarding the orbit of planets from the figure?

..........................................................................
..................................................................
..................................................................
..................................................................
2 points

b) What conclusion can you draw regarding the speed of the planet from the figure?

..................................................................
..................................................................
..................................................................
..................................................................
2 points

c) What conclusion can you draw regarding the speeds of the planets relative to each other from the figure?

..................................................................
..................................................................
..................................................................
..................................................................
2 points

6 points
2. Kate is riding a bicycle in the city centre. She has to do a 5 cm ride on the map to the statue where she meets her girlfriend.

a) What distance does she do in reality if the scale of the map is 1:10 000?

Do your calculations here:

The distance done: .......... km

b) Circle the letter of the correct attribute.

The scale of the map used by Kate was:

a) large    b) medium    c) small

   1 point

c) Decide whether the following statements are true or false. Put T (true) next to the true statements and F (false) next to the false ones.

...... 1. Small scale maps are less distorted than large scale ones.

...... 2. Large scale maps are suitable for representing smaller areas in greater detail.

...... 3. The scale of the map indicates the ratio of reduction.

   3 points

   6 points

3. Which terms do the following statements refer to? Write the terms after the statements.

1. It is composed of the crust and the uppermost, solid layer of the mantle.

.......................................................

2. This rock is formed from the lava reaching the surface at divergent plate margins.

.......................................................

3. Block mountains of today were formed in this era.

.......................................................

4. Plain at the altitude from 0 to 200 meters.

.......................................................

5. Rock formed by the metamorphosis of limestone at great pressure and high temperature.

.......................................................

   5 points
4. The cross section of an artificial irrigation canal is rectangular, measuring 4 meters in width and 2 meters in depth. On the 3rd of July the water in the canal was 1.2 meters deep and the velocity of the water was 0.8 m/s. Do the following calculations.

a) Prior to the calculations make a sketch of the cross section of the canal bed labelled with the data above.

b) Calculate the discharge of the canal on the 3rd of July using the data above.

Do your calculations here:

The calculation of the cross section of the water-filled canal bed:

Result (with unit): ....................................................
The calculation of discharge:

Final result (with unit): .............................................

4 points

c) What is the discharge of the irrigation canal if the velocity is unaltered and the canal bed is fully filled with water?

The calculation of discharge:

Final result (with unit): .............................................

2 points

7 points
5. **Answer the questions regarding geographic zonality:**

**a)**

1. Which **belt (őv)** do the shaded areas belong to? ..........................................................
2. What is the **climate** of this area? ..................................................................................
3. Which environmental problem threatens this belt the most?
   …..................................................................................................................................
4. On which continent is this threat the greatest? ..............................................................

   4 points

**b)**

1. Which **belt (őv)** do the shaded areas belong to?
   …..................................................................................................................................
2. What is the natural vegetation of this belt?
   …..................................................................................................................................
3. Why does this belt exist on the Northern hemisphere only?
   …..................................................................................................................................

   3 points

7 points
6. Answer the questions after examining the diagrams representing domestic data.

a) The changes of which weather element can be examined in the figures?

.......................................................................................

1 point

b) The data of which month is represented in the diagrams? Underline the name of the appropriate month:

Month A: January May July

Month B: January September June

Month C: October March November

3 points

c) In which month was the level of atmospheric SO₂ pollution the highest? Answer by the letter of the month in the figure and give reason for your answer afterwards.

.......................................................................................

Reason: .........................................................................

.......................................................................................

2 points

d) In which month does the Sun culminate at the greatest angle in Hungary out of the given months? Answer by the letter of the month in the figure. .........................

1 point

e) What was the range of temperature (in °C) in Month A? .........................

1 point

f) What was the lowest temperature (in °C) in Month B? .........................

1 point

9 points
7. In the excerpt below the advantageous and disadvantageous features of the Chinese and Indian economy are contrasted. These features influence industrial location too. Group the given factors influencing the location of industry. Put their number beside the name of the appropriate country.

…”Economists consider a major drawback, that while in China the infrastructure has been developed rapidly, India is stricken by the lack of modern roads, the outdatedness of airports, the low throughput capacity of energy supply systems and chaotic urbanisation.”

…”The different sizes of foreign investment can be attributed to the fact, that while China has become the „global workshop” of capital intensive industrial production due to low labour costs, India’s development was based on services like software development and the outsourcing of financial, communication and other background services from developed countries.”

…”The limited power of the central government of India, often mentioned as the most populous and fastest growing democracy of the world, is at an economic competitive disadvantage to its northern neighbour China, whose political system is characterised by the power monopoly of the communist party and the lack of free speech.”

…”The chronically high deficit of the state budget of New Delhi is also considered the consequence of political compromises and it can not concentrate state investments with such efficiency as Beijing. As the other side of the coin the more mature and transparent legal system - the heritage of British colonial rule - is in favour of India just like the significantly more restrained prevalence of corruption than that in China which is beneficial for the economy.”

Source: HVG

Factors influencing industrial location:
1. Large scale corruption.
2. Concentrated investment of state capital.
3. Underdeveloped infrastructure.
4. Developed services.
5. Strong central government.
6. Deficient energy supply.

One number can be associated with only one country.

China: ❌ ❌ ❌ ❌ ❌ ❌
India: ❌ ❌ ❌ ❌ ❌ ❌

6 points
8. Fill in the blank cells of the table labelled by numbers and solve the problem in the last row of the table.

<table>
<thead>
<tr>
<th></th>
<th>1. ............</th>
<th>Bükk Mts.</th>
<th>Zemplén Mts.</th>
<th>Velencei Hills</th>
</tr>
</thead>
<tbody>
<tr>
<td>The dominant rock type of the mountain</td>
<td>andesite</td>
<td>2. ............</td>
<td>rhyolite</td>
<td>3. ............</td>
</tr>
<tr>
<td>Larger settlement in its vicinity</td>
<td>Gyöngyös</td>
<td>Miskolc</td>
<td>Sárospatak</td>
<td>4. ............</td>
</tr>
<tr>
<td>The name and elevation of its highest point</td>
<td>5. ............</td>
<td>Istállós-kő (958 m)</td>
<td>Nagy-Milic (894 m)</td>
<td>Meleg-hegy (352 m)</td>
</tr>
<tr>
<td>Put an x in the cell of the oldest mountain</td>
<td>6. ............ m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7 points

9. Decide whether the following statements are true or false. Put T (true) or F (false) before the number of statements.

...... 1. The dormitory settlements take off the burden from the centre of the conurbation (agglomeration) because important industrial plants are located here.

...... 2. The daytime population of the CBD is significantly larger than the population actually living there, the so-called night-time population.

...... 3. Transportation is a major culprit for the development of the ever more common smog in large cities.

...... 4. The population of large cities is gradually decreasing in developing countries too.

...... 5. In most cases, the large cities of the world have developed in lowlands close to coasts or rivers.

5 points
10. Answer the questions after examining the graph.

![Graph: The change of the global population and the trend of the annual change between 1950 and 2050](http://www.sze.hu/rt/rt01-vazl3.pdf)

**a)** Decide whether the following statements are true or false. Put **T** (true) or **F** (false) before the number of statements.

1. The rate of population increase is falling on Earth.
2. At the moment the world population exceeds 7 billion.
3. By 2030 the current world population will double.
4. Population increase was 1.2% in the 1980s.
5. Despite the falling rate of growth the world population is increasing.
6. The data represented in the graph suggest that number of births/woman is decreasing in the countries of the world.

6 points

**b)** Circle the abbreviated name of that world organisation which addresses global population and food security issues. *Circling more than one organisation is penalised by point deduction.*

- WWF
- FAO
- NATO
- OPEC

1 point

7 points
11. One of the statements referring to the terms below is false. Circle the letter of the false statement.

1. A foreign currency (valuta)
   A) It means tangible money (e.g. bank note).
   B) It is the means of payment of a foreign country.
   C) It is the currency of a country in international use.
   D) Its value is fixed, its exchange rate does not change.

2. Foreign exchange (deviza)
   A) It can be money in a bank account.
   B) It can be a 100 dollar bank note.
   C) It is a means of payment in international accounting/clearing.
   D) We can take the currency of a foreign country in cash from our foreign exchange account.

3. Interest
   A) It is the value of a loan.
   B) The money that we have to pay as the price of the loan.
   C) The price that we are charged by a bank for the money borrowed from them.
   D) Its value is usually given as the percentage of the loan.

4. Share (stock)
   A) It is a type of security.
   B) Its holder has the right to vote at the shareholder’s meeting.
   C) Its value shows how big a share its owner has in the joint stock company.
   D) Transactions related to it are exclusively done on the stock exchange.

5. Bond
   A) It can be issued by the state, a joint stock company or a bank too.
   B) A loan certificate which states the value of the loan, the interest to be paid and the time of repayment.
   C) Its value does not have to be repayed if the issuing company is losing.
   D) Its due-date indicates the time of the obligation of repayment.

6. State securities (government bond)
   A) The liable party is the state itself.
   B) By issuing a state security the state can collect funds for an investment.
   C) It can be considered secure because the state guaranties the repayment of the money it borrowed.
   D) It can be distributed on the domestic stock exchanges only.

6 points
12. Match the country groups with their characteristic agricultural products. Put the letter of the products above the columns. 
*Not all products can be placed.*

<table>
<thead>
<tr>
<th>1. Spain</th>
<th>2. China</th>
<th>3. USA</th>
<th>4. Brazil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>India</td>
<td>Australia</td>
<td>Mexico</td>
</tr>
<tr>
<td>Israel</td>
<td>Indonesia</td>
<td>Argentina</td>
<td>Nicaragua</td>
</tr>
<tr>
<td>Greece</td>
<td>Thailand</td>
<td>Brazil</td>
<td>Panama</td>
</tr>
</tbody>
</table>

A) Beef       E) Banana
B) Wheat      F) Cotton
C) Rice       G) Dates
D) Citrus fruits

4 points

*Total number of points in Paper II.* 75 points

*Total number of points in the examination paper:* 100 points
<table>
<thead>
<tr>
<th></th>
<th>Total points</th>
<th>Student’s points</th>
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<tbody>
<tr>
<td>I. Tasks assessing topographic knowledge and skills</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>1.</td>
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<td>6.</td>
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<td>11.</td>
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<td>12.</td>
<td>4</td>
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<tr>
<td><strong>Total points in the written part of the examination:</strong></td>
<td><strong>100</strong></td>
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</tbody>
</table>

Examiner

Date: ........................................

Registrar of the Board of Examiners/jegyző

Date/Dátum: .........................