

HunGeoContest 2017/2018 - online feladatlap Megoldások

1. “Warm-up exercise” - Explore the world with Google Street View

For sure, many of us have played with the popular game of GeoGuessr before. If not, it is the perfect time to give it a try... Your task is very simple. Just navigate to the <https://geoguessr.com/> site, and start a “single player” game. You have to choose your possible location five times on the map. After that, the game summarise your score. Closer your answer is, the more points you earn. Make a picture about this summarising screen (printscreen/screenshot), and upload it to the query. You can make as many attempts, as you wish, and upload the best result.

[There are 10 points available for this task, which will be given for the best result. Other points will be given as deciles, like 9 points for the best 10%, 8 for the next 10% and so on.]

Every individual solutions is different.

2. Who let the dogs out?

Although the internet's main sacral animal is - without doubt - the cat, dog-lovers also have active communities on the web. The next few questions are connected somehow to dogs of different breeds. Your task here is to mark the correct answer. Each question has only one correct answer, so take care of your choice and good luck!

[1 point for every correct answer, totally 15 points]

A. Labradors are named after the Labrador Peninsula, North America, and the name is also used to identify a cold ocean current in the Atlantic Ocean. Which of the areas listed below is famous for the highest observed tidal wave on Earth?

- a) **Bay of Fundy**
- b) Hudson Bay
- c) Ungava Bay
- d) West Bay

B. The Japanese akita's are known as one of the most loyal breeds according to the remarkable and touching story of Hachiko, the akita. Hachiko accompanied each morning his owner to the train station and waited for him every afternoon there, so he could join him the way home. One day Hachiko's owner had a fatal heart attack during work, but his dog waited for him at the station that day, and the day after, and another day after... every day, till he died. According to the expansion of the country, Japan had and has frequently political conflicts with its neighbours. In which relations do the Senkaku Islands cause international tensions?

- a) Japan - Russia
- b) Japan - South Korea
- c) Japan - North Korea
- d) **Japan – China**

C. The Caucasian shepherds are originated from the Caucasus region, especially from Georgia, Armenia and Azerbaijan. The main role of the breed was to protect flocks from predators, like bears, wolves or simply from humans. One of the countries mentioned above...

- a) belongs to the Top-5 richest oil paradises
- b) **is a landlocked country**
- c) lives in harmony with the other Caucasian states
- d) is located next to Iraq

D. Greyhounds were bred especially for greyhound races. The aim was successful, this breed reaches a top speed of 64 kilometres per hour. Although it has such an old history, which takes us back to the ancient Egyptian times, the greyhound we know nowadays is originated from the British Islands. Which of the English cities below is located the at the greatest distance from any of the seas?

- a) Manchester
- b) Cambridge
- c) Leeds
- d) **Oxford**

E. The picture shows the Australian dingo, a feral dog, which is actually the top predator of the continent. The taxons natural habitat consists mainly of Australia, but also of New Guinea or Southeast Asia. The highest threat of dingoes in Australia can be...

- a) the massive ecological effects on natural bioms according to predation
- b) **on the livestocks**
- c) on humans
- d) the danger of overpopulation

F. The Alaskan Malamute is an arctic breed specialised as a sled dog. Despite of its name, the Alaskan malamute originates from East Asia and the breed we know today was bred by native American tribes. Below you have to decide, which of the statements is true to Alaska.

- e) **It is rather a republican state**
- a) Today it is safe from natural disasters
- b) The oil production decreases year by year
- c) Natural habitat of the giant sequoia

G. The Yorkshire Terrier or short yorkie is one of the smallest dogs of the world. They were bred in England in order to catch rats in clothing mills, nowadays it is a beloved flat-dog kept many cases in small apartments due to its size. Also it has become a symbol of a social status. One of the social processes documented in cities listed below can be true to those, who are yorkie owners.

- a) Exclusion
- b) Ageing
- c) Rehabilitation
- d) **Gentrification**

H. Rhodesian Ridgebacks, also known as African Lion Dogs, were bred in South Africa by Dutch settlers. In those times the ridgeback helped its owner in lion hunting. Nowadays lion hunting is fortunately forbidden and the ridgebacks are beloved pets according to their loyalty. Today African countries are known rather of famines, wars and the extraction of natural resources. Which countries do not extract oil from the list below?

- a) Angola
- b) Libya
- c) Central African Republic**
- d) Equatorial Guinea

I. The picture above shows a dog breed, which got its name after a shelter, Hospice du Grand Saint Bernard, one of the highest and oldest European settlement. Saint Bernards have been used for centuries as rescue dogs in case of an avalanche, and still are today. Geneva, one of the country's major cities is famous for many reasons - mark the incorrect statement!

- a) Hosts more headquarters of international organisations than any other city in the world.
- b) A statue of István Bocskai is located in one of the city's parks.
- c) The IOC headquarter is also located here.**
- d) A Hungarian connection is that Empress Elisabeth of Austria and Queen of Hungary was assassinated in this city.



J. Here you can see the assumably most famous dog in history, Laika, the first creature visiting space from the Soviet Union, also the muse of an opera later on. Laika was a mixed breed, which made him more resistant and healthy. Many decades later in the circumstances of global environmental change, the territory of former Soviet Union contains huge natural risk on the global climate, which one is it?

- a) Extreme storms devastate forests in Siberia.
- b) Oil spills in Caspian Sea contribute to the increased extinction rate of seals.
- c) Melting peatlands in Northern Siberia increase the methan level of atmosphere.**
- d) Former deserts turning into swamps due to heavy rainfalls.

K. Scientist Ivan Petrovics Pavlov gained his fame with his experiments with dogs. His attempts and results worth then while he won the Nobel Prize with his outstanding performance in science. After all not only streets and also a settlement was named after him, but a crater as well. He died in a city, which changed its name four times in

the 20th century. This city has a common “nickname”, which is also used for other European cities. These “related” cities are...

- a) Riga and Helsinki
- b) Amsterdam and Stockholm**
- c) Potsdam and Dresden
- d) Paris and Warsaw

L. Traditionally after American presidents inauguration they take their dogs to the White House as well, provided they have any. The actual president although does not have a dog, he is from the state of New York, which is...

- a) the home of a national park with the largest area in the USA.**
- b) responsible for the largest proportion of military researches in the USA.
- c) suffering from restructuring economy and the high ratio of useless brown fields.
- d) the state with the most rapid decrease of forests in the country.

M. Chihuahuas are the smallest dogs in the world. In the last decades they have become quite popular not only in households, but even in TV-series and movies. The name comes from the state where it was bred, which is a state in Northern Mexico. One of the country's current and probably future problems are...

- a) the decreasing opportunities for tourists according to increasing natural disasters.
- b) the negative effects of border situation with the US in northern regions.
- c) the replacement of textile industry to first world countries.
- d) the increasing outmigration of young generations and the ageing of remaining society.**

N. Boxers were bred in Germany and are known of their strength, agility and energetic attitude. They served also in the World Wars as messenger, pack-carrier, bodyguard or attack dogs. Which of the sentences fit to Germany?

- a) Demographic change and ageing is a financial burden on labour, although silver economy is a positive effect of population processes.**
- b) International trade mainly means cargo ship traffic through harbours, on the contrary, continental trade routes lost their importance.
- c) The Ruhr District plays a huge role in national economy nowadays as well, especially with their well-developed small and medium sized enterprises in the creative industry.
- d) Social differences have disappeared between the former GDR and FRG because of the enormous financial supports.

O. Border collies are counted as the most clever breed of dogs, their intelligence served in herding livestock at English-Scottish border area. According to this high level obedience and outstanding mental capacity, they spread quickly all over the world, where animal husbandry had high importance in agriculture. English agriculture...

- a) produces enough food for local population, so the food import contains mostly exotic products, spices and alcohol.
- b) stands on private farming, each of them produce many sorts of agricultural products.
- c) stands on private farming, with highly intensified and specialized products.**
- d) hires many people from rural England, because of its high demand for human resources.

3. Postcolonial Africa - a journey with afropop

[7 points]

A. <https://www.youtube.com/watch?v=DclDTiqzJ0s>

This song was written in 2002, in a previously British colony...

Which country is the song related to? **Kenya**

B. Fela Anikulapo Kuti, the father of 'Afrobeat' was internationally respected as a global postcolonial icon.

Based on the following sentences, write down the name of the country with which Fela was primarily associated with:

The state was previously colonised....



The name of the country is: **Nigeria**

C. One of Fela's famous songs is titled 'Yellow Fever' (1976). Listen from 7:20 to 10:30 (or continue listening if you like the song, the lyrics may help you answering the question).

<https://www.youtube.com/watch?v=FIRXNA3Eofs>

Reading through postcolonial lens, what is the message of the song?

- a) Fela encourages Africans to use 'the face bleaching', a method could help prevent new infections from the deadly yellow fever. He also expresses anger towards previous colonisers who did not promote this method, indirectly killing many Africans.
- b) The song warns about the high number of deaths associated with yellow fever. It openly criticises the corrupt government for not dealing with the problem and encourages them take immediate action in order to tackle the disease.
- c) **By associating the 'bleaching' of faces (a method used for getting lighter skin colour – usually resulting in yellowish faces) with the infectious disease 'yellow fever', he rejects that African are culturally forced to borrow from the perceivably 'superior' Western culture and have to try to conform to Western standards of beauty at all price.**

D. Another famous song of Fela is 'Teacher Don't Teach Me Nonsense' (1980).

<https://www.youtube.com/watch?v=yJ1hx88nz9M&t=654s>

Listen from 13:45 to 15:55, the lyrics may help you.

Reading through postcolonial lens, what is the message of the song?

- a) **Fela argues that at the end of formal education, the state becomes the teacher of citizens. He argues that the state's role as a teacher is based on the country's respective culture and traditions which determine how to rule the citizens. It works like this in many countries such as in England, Italy, Russia or Vietnam, except in Africa which is a big problem for Africans. He also criticises African governments for the problems of inflation, poverty, mismanagement and electoral fraud, reflecting on post-colonial problems in African states.**
- b) Fela blames teachers for not being able to solve the country's educational problems. He regards it highly problematic that teachers do not teach students in a way which is up to Western standards. Due to the 'nativism' of the school curriculum, focused on learning tribal knowledge, rather than 'modern' knowledge, the school system does not prepare children for life in the new, independent and modern state.
- c) Fela encourages the students to rebel against formal education, which – according to his opinion – has no sense, because not education, but practical skills will help children to become successful in Africa. He suggests that children need to leave school and learn from their older companions.

E. Music can also serve as a popular form of resistance against oppression. Innocent's popular song 'Ejectment notice' written in the local Krio language and English expresses frustration with the ruling party.

<https://www.youtube.com/watch?v=FZbvAaFY8z0>

This song is an example of youth music playing a role in addressing political issues hindering the development of young people after an 11-year-long civil war. Before the 2007 elections, in this African country music was integral to initiating a political conversation about the future of young people in the nation after several years of conflict. Therefore, it shows how music can play a role in getting a better understanding of conflicts as Geographers in postcolonial states.

Your task is to identify...

What is the name of the country? **Sierra Leone**

F. Finally...

Name three legacies of colonialism that are still felt in today's independent, but previously colonised states!

E.g.: lack of economic diversity, dependency from foreign investments, official languages are usually the languages of the former colonial powers, state borders do not overlap with ethnic ones.

4. Sport Cities of the United States

In this task....

- A.** In the United States of America, the universities have a big role in resupplying the player base. The universities commonly attract players with scholarships to join their sport programs. The searched player's university is located in the most populated state that does not have a team at all in the four major leagues.

This state is: **Virginia**

- B.** The teams are making big efforts to reach the fanbases outside the US. One of its main tools is that the big leagues hold some matches in cities like London, Stockholm or Shanghai. Our player's professional career started in a city that is located very close to the country border, and because of this, one the city's team played some of their home games between 2008 and 2013 on the other side of the border.

This city is: **Buffalo**

- C.** Besides the major leagues, car racing is a traditionally popular American sport too. The races of the NASCAR generate approximately 100 million dollars to local economies. The unknown player competed in the state, which could be called the home of the NASCAR: most of the teams are located here, and the Hall of Fame is here too. He stepped on home turf in a stadium that was named after a sponsor, whose headquarter is in the same city and it is a dominant factor in the tertiary sector.

This city is: **Charlotte**

- D.** The federal administration of the United States recognises 388 metropolitan statistical areas. These are units, that unify the urban core areas and its surrounding agglomerated zones. These statistical units are valid to the sports teams spatial localization too. As a combined San Francisco-Oakland-Hayward metropolitan area exists, regarding this system, the San Francisco 49ers and the Golden State Warriors (despite it is a team from Oakland) are in the same entity. Our player's next stop is in such a state, where teams in all of the four major leagues exists, but maximum three of them are located in the same metropolitan area. The player's exact city is famous for its Oktoberfest.

This city is: **Cincinnati**

- E.** There are more cities, where the citizens can support two teams in the same major league and because of this, a big rivalry is present. It is possible too, that these two teams share the same stadium/arena. Now we are looking for such a city, as the player's next home, but it is unique because the mutual home is not located in the state of the city.

This city is: **New York**

- F. Success plays a big role in the judgment of the American sports cities. We can find cities, that never, in any of the major leagues could get near the finals. The searched player's next city is far from this, the city's teams have won the championship in every four major leagues since 2000.

This city is: **Boston**

- G. In the first city, two of the major clubs' name was inspired by sea animals.

This city is: **Miami**

The origin of one of the second city's team name is credited to a masterwork of the American poetry.

This city is: **Baltimore**

- H. Nine of the ten most viewed American tv-events are Super Bowls, the finals of the National Football League. On that day the life stops in the United States, people take their break on the next Monday. This event is highly profitable for the tv companies (in 2017 the price of a 30 seconds advertisement was 5.5 million dollars), and the city, where the final is held (they change it every year) could calculate with a boom in tourism. The next city in our player's career is organized such an event, which is famous for two numbers: 3 and 28.

This city is: **Houston**

- I. The natural disasters sadly negatively affect sport events too. In September the Miami Dolphins – Tampa Bay Buccaneers football game could not be played, because of the Hurricane Irma. After that, in the next rounds, the players of the Floridian teams appeared with "One Florida" stickers on their helmets, supporting the disaster mitigation efforts. J. J. Watt, the star player of the Houston Texans, raised more than 37 million dollars for the casualties of the Hurricane Harvey. Our player played in such a city, that suffered a similar catastrophe. Because of the destruction of a hurricane, one of the city's team had to play their home games for two years 1000 kilometers afar.

This city is: **New Orleans**

- J. Because of the franchise system, technically none of the cities can consider their teams as their own, although it may happen that one team packs up during a night and moves to the other city (for example the Colts relocated in 1984 from Baltimore to Indianapolis). It is highly problematic in cities, where the teams are not successful, the viewership is low and tensions appear between the team owner and the mayor of the city, about the financing of a new stadium. The last team of our player is located in such a city, that was negatively affected by departure, and not even once. So today, this city is the capital of the most populous state, which does not have teams in every one of the four major leagues.

This city is: **Atlanta**

5. Rivers and the cities

Rivers play a crucial role in the development of the human civilisation. There's hardly any city without a major river, and one of the most picturesque cultural landscapes were born by the interaction of nature and society in the river valleys. The following mix contains questions of simple choice and short (own) answers. Some are relatively simple, others may be not...

[22 points]

A. Believe or not: this is a riverbed. When taking this picture, the only water that flows through the city was a tiny creek hiding in the right side of the picture.

- I. What is the climate of the city where the photo was taken?
 - a. Oceanic
 - b. Humid continental
 - c. Mediterranean**
 - d. Tropical rainforest

- II. Beside the climate, what other reasons could be behind the phenomenon seen on the picture?

The water of the river was used (oveused) by the people, such as irrigation in the seummer months.

- III. The picture was taken in a city where:
 - o Bull-fights are legal
 - o The city's best football team has a blue-white coloured coat of arms
 - o Has an airport with more than 16 million passengers annually(in 2016)
 - o One of the stars of the movie "Frida" (2002) was born in this city.

This city is: **Málaga**, Spain.

[4 points]

B. This river flows through the highest number of capitals in the world.

Which is the sea it flows into?

- a) Mediterranean Sea
 - b) Atlantic Ocean
 - c) Black Sea**
 - d) Pacific Ocean
-
- II. List all capitals which this river flows through! **Vienna, Bratislava, Budapest, Beograd**

III. The picture was taken in one of the most romantic reach of this famous river.
Name this reach – the following statements may help you:

- It is one of the most important vine-districts of its country
- In one of its castles a great English king was hold as a prisoner for some time
- It is listed as a UNESCO world heritage site
- An abbey is situated just at the entrance of the reach, where monks of the Order of Saint Benedict have been living since the 11th century.

Name the area: **Wachau**

[4 points]

C. Some rivers get their name according to their colour.

I. What determines the colour of a river?

Usually the type and mineral composition of the sediment transported, oxigen content.

II. Collect at least 10 rivers worldwide named by their colour!

some examples

Red River (Asia) in China and Vietnam

Red River of the North in Canada and the United States

Red River of the South, a tributary of the Mississippi in Texas, Oklahoma, Arkansas, and Louisiana in the United States

The Yellow River (the second longest river in China)

Xar Moron, a river in northeastern China

Yellow River (Ireland)

Hwang River, South Korea

Yellow River (Florida)

Yellow River (Georgia)

Yellow River (Indiana)

Yellow River (Iowa)

Black River (Asia), also known as Lixian River in China, a tributary of the Red River

Chernaya River (Saint Petersburg), also known as the Tchernaya Rechka

Crna River, Macedonia

Krishna River, from Sanskrit Krishna "black"

Niger River, named by European mapmakers during the Middle Ages, from Latin niger "black"

Black River (Queensland)

The "Blue River", a rarely used alternative name to the Yangtze River

In this picture You observe a very intensive geomorphological process.

III. What is the name of this kind of river mouth?

river delta

IV. If we were in a tropical zone, what kind of vegetation could most likely cover this mouth?

mangrove

V. How human activity could influence the development of this type of mouth?

River deltas are threatened by rising sea level, primarily because of the regulation of the rivers. Building dams on the upper sections reduce the amount of transported sediments at the lower section of the river. Without sediments, the balance of accumulation (by the river) and erosion (by the sea) changes, and erosion will dominate the process.

VI. In this picture you see a city, find out the name of this city, which...

- is located in a country with more than 100 million of population
- There is a district in the city built by European (and partly by a Hungarian) architects in the first half of the 20th century.
- Throughout its history, the city was practically governed by the British.
- This is the seat of the largest stock exchange of its country.

Name the city: **Sanghai**

[7 points]

D. While settled down in river valleys, human society has always been risked by floods. Sometimes, even a small and peaceful river could cause disaster and destroy the built environment, or take human life.

...

I. Name at least four methods people can protect themselves from floods!

for example:

- **Proper river regulation by building dams and reservoirs.**
- **Avoid artificial surfaces in riverbed.**
- **Keeping the forest coverage of the drainage basin, especially in the hillsides and mountains, to reduce the speed of water flowing into the riverbed after a heavy rainfall.**
- **Build levees.**
- **Build flood control channels.**
- **Avoid building in hazardous area.**
- **Build temporary barriers if needed.**

In recent years, according to the media, catastrophic floods may occur more frequently than earlier.

II. If it is true, what kind of reasons could be behind this? Name at least three possible reasons!

Climate change: rainfalls became more heavy, early heat waves in spring could cause rapid melt of snow, the alluvial plains have been built up, deforestation of mountains, less vegetation and more artificial surfaces (roads, roofs) on hillsides.

Although mud could be removed from streets and even damaged houses could be rebuilt, there are long-lasting consequences of floods to this town's life.

III. Name two possible long-term effects.

The citizens are leaving, fall of property prices, increase of insurance costs, investors avoid the city.

IV. Finally, you have to name this place, which is might less easy, than in the earlier cases. We are in a small town, where...

- the river depicted above is a tributary (left side) of a river which is the only navigable waterway connects a landlocked European country to the sea.
- The town is located east of a city, which is still famous of its trade fairs rooted in the middle ages.
- The town - like some 30 other places - is associated with Martin Luther, who not only preached here several times, but his private life gives also an important connection.
- An important part of the town's built heritage was a baroque stone bridge with six bows, destroyed in the flood mentioned above. Later it was rebuilt and today it is a part of a bicycle route.

The name of the town is: **Grimma, Germany (ok, we know, this one was difficult...)**

[7 points]