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BALKAN INTERNATIONAL GEOGRAPHY OLYMPIAD

June 24 - June 29, 2018

IAȘI, ROMANIA

Juniors

FIELDWORK TEST

INSTRUCTIONS FOR THE STUDENTS:

1. You are allowed to use bilingual dictionaries during the test.
2. The duration of the test is approximative **180 minutes**.
3. There are three observation points. At the beginning of each observation points you will receive the paper for the respectively observation field together with the source papers. At the end of time for each observation point, you will give the papers back to the organisers.
4. You have to write the answer in the box drawn on the paper.
5. Source papers represents additional maps, graphs or images that will help you solve the subjects.
6. For each observation points you will have 30 minutes to resolve all the task written on the paper.
7. The Fieldwork has a value of 18 points, each of the Observation points having 6 points.
8. The Indoor activity has a value of 22 points (starting from 15.00).
9. During the time spent at each observation point, you are not allowed to speak with other colleagues, you are not allowed to use any devices. You will be disqualified if so.
10. You are allowed to use a multilingual dictionary.

All the subjects from the Fieldwork were elaborated by:

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GOOD LUCK!

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Subject 1. Observation Point 1

In the area marked with letter A (Source A) there is a brownfield (*Brownfield land is a term used in urban planning to describe any previously developed land that is not currently in use, whether contaminated or not or, more specifically to describe land previously used for industrial or commercial purposes with known or suspected pollution including soil contamination due to hazardous waste*).

Knowing the following:

1. Iași has a population of 350.00 inhabitants (500.000 with the metropolitan area)
 2. The surrounding area (buffer zone of 600 m there are 70.000 inhabitants)
 3. The districts in the South, South East and South West have a low accessibility to many facilities (no green areas, no supermarkets, no hospitals, no office centers)
 4. The delineated area has a surface of 30 ha.
 5. There are plans in the **future for the city** to build a sports centre, a regional hospital, a village livable museum, a multimodal transportation centre).
- The area delineated in the Source A which is located in the directions S-E from the UAIC tower is located near the main train station.

- a. **Explain the process of industrial relocation in the past 30 years using the following keywords (accessibility, sustainability, pollution, land value) (1 point).**

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- b. Propose a plan to rehabilitate the area using all the information provided. Try to offer arguments using the nowadays associated risks, the plan you propose and the overall importance to the city. (3 points)**

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Subject 2. Observation Point 2

The increase in the Neolithic human population following a development of agriculture has been assumed to result from improvements in health and nutrition. Knowing this, observing the style of living during the Neolithic period (Cucuteni Museum) and looking on the map below (source B), please answer to the following:

- a. How did the demographics of the population changed from Paleolithic to the Neolithic. (1 point)**

- b. Indicate three regions with the maximum density of population and present two common characteristics of the environment. (1 point)**

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- c. Explain how the Cucuteni civilization influenced the close environment. (What was their ecological footprint? How did they affect the natural environment?) (3 points)

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Subject 3. Observation Point 3

In the past, fieldwork observation point number 3 (the Botanical Garden) had three other locations (B, C, D) as marked on Source 1. Study the provided map and answer the following questions.

3a. Identify 2 possible causes for the changing of the location of the Botanical Garden from point C to point D. (2 points)

3b. Argument on the location that you considered to be the best among the four alternatives. (2 points)

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3c. In terms of infrastructural development and social-communal activities elaborate 2 strategic directions for the betterment of the lake in the Botanical Garden. (4 points)

Infrastructural development strategic direction:

Social-communal activities strategic direction:

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Subject 4.

All three observation points are fully managed by the University “Alexandru Ioan Cuza” of Iași. The University was founded in 1860 and it is the first institution of its kind in Romania, being the third largest with more than 30.000 thousand students.

4a. Write a one sentence “vision statement” for a more attractive and dynamic University, taking into account the historical and cultural heritage of the institution and of the city. (1 point)

4b. Elaborate 3 strategic directions which aim to attract more students to the University and that are directly linked to the vision statement you proposed. The campus facilities and the social life of students should not be ignored. (3 points)

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