

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
STATE HIGHER EDUCATIONAL INSTITUTION
BANKING UNIVERSITY**

APPROVED

**The Head of the Admission Committee,
Rector of the Banking University**



A. Kuznetsova

March 11, 2020

**PROGRAMME
OF ENTRANCE TEST
in Geography**

**for competitive selection of foreigners and stateless citizen
for Bachelor's program in the fields of study
051 "Economics", 071 "Accounting and Taxation",
072 "Finance, Banking and Insurance"
(full-time and part-time forms of study)**

Kyiv 2020

Compiler:

Potapenko L. V., PhD in Philology, Associate Professor of the Department of Law, Social Sciences and Humanities, Cherkasy Educational and Scientific Institute of the State Higher Educational Institution “Banking University”

Reviewer:

Potenko L. O., PhD in Philology, Head of the Department of Social Sciences, Cherkasy Faculty of National University “Odessa Academy of Law”

Considered and approved at the meeting of the Department of Law, Social Sciences and Humanities, Cherkasy Educational and Scientific Institute of the State Higher Educational Institution “Banking University” on 26 February, 2020 (Minutes № 08)

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INTRODUCTION

Programme of entrance test in Geography for competitive selection of foreigners and stateless citizen to Banking University for Bachelor's program in the fields of study 051 "Economics", 071 "Accounting and Taxation", 072 "Finance, Banking and Insurance" (full-time and part-time forms of study) is formed according to the External Evaluation Program in Geography for those who wish to get higher education on the basis of complete secondary education approved by Ministry of Education and Science of Ukraine.

The Programme of entrance test in Geography for competitive selection of foreigners and stateless citizen to Banking University for Bachelor's program in the fields of study 051 "Economics", 071 "Accounting and Taxation", 072 "Finance, Banking and Insurance" aims to evaluate knowledge and skills in geography that applicants acquired during schooling according to the EIT Program in Geography admission to higher educational institutions of Ukraine.

Test consists of 50 tasks. Each task has four answers, only one of which is correct. Each correct answer is estimated at 4 points. Each wrong answer is rated at 0 points. Maximum score is 200. The minimum number of points giving the right to consider the test to be done successfully must be at least 100.

The Programme includes theoretical and practical issues concerning the geography of the Earth as a whole and its components; economic and social geography of the world; economic and social geography of Ukraine; physical Geography of Ukraine.

The program consists of the following sections:

1. General Geography
2. The geography of continents and oceans
3. Physical Geography of Ukraine
4. General economic and social geography
5. Economic and social geography of Ukraine
6. Economic and social geography of the world

CHAPTER 1. GENERAL GEOGRAPHY

Theme 1.1. Geography as a science, the development of geographical researches

The object and the subject of Geography. Place of geographical disciplines in the science system. Sources of geographical knowledge. Methods of geographical research. The development of ideas about the shape, size and motion of the Earth. The most remarkable voyages of discovery, prominent travellers. Geographical research in the world and Ukraine in different historical periods. Ukrainian scientists and geographers. Modern geographical researches.

References: 1, 2, 11-13

Theme 1.2. Methods of to depict the Earth

Images of the Earth's surface in figures, plans, maps, globe, aerial photos and satellite images. The terms "area plan", "map", "topographic map", "azimuth". Cartographic projection and distortion. Classification of maps. Topographic maps and their practical use. Determining the areas of geographic objects, relative and absolute altitude, depth of seas and oceans. Methods for measuring distance in various geographical and topographical maps. The value of maps in human life.

References: 1, 2, 11-13

Theme 1.3 Lithosphere and relief

The internal structure of the Earth. The term "crust", "lithosphere", "lithospheric plate", "tectonic structures", structure and types of crust, rocks and minerals containing in crust. Geological record, geological age, geochronological table. Internal processes in the lithosphere. Lithospheric plates movement. Formation of continents and oceans. Volcanoes and earthquakes, the areas of distribution. External forces changing the earth's surface. Minerals and their classification. The main forms of the earth's surface: mountains and plains. The relief of the ocean floor. The value of the relief in human economic activity and the impact of human activities on the terrain.

References: 1, 2, 11-13.

Theme 1.4 Atmosphere and Climate

The term "atmosphere", its composition and structure, value. Solar radiation and its distribution in the atmosphere and on the earth's surface. Thermal zones and their boundaries (tropics and polar circles). The temperature of the earth's surface and air, its changes with height and distribution depending on the angle of incidence of sunlight. Atmospheric pressure and its measure. The main zone of atmospheric pressure of the Earth. The total circulation of the atmosphere. Constant winds. Cyclones and anticyclones. Seasonal and local winds. Water in the atmosphere. Air humidity. Clouds and their formation. The distribution of precipitation on the surface of the globe. Air masses and atmospheric fronts. The term "climate». Climatic zones and areas. Climate map dependence on latitude climate, ocean currents, proximity to sea, topography, human impact. The weather, daily and seasonal fluctuations of

meteorological elements. Monitoring the weather and its forecasting. The impact of climate and weather on economic activity.

References: 1, 2, 11-13

Theme 1.5 Hydrosphere

The concept of “hydrosphere” and its main parts. Oceans and their parts: oceans, seas, bays, straits. Dry land in ocean. Waters properties of the World Ocean and reasons of its heterogeneity. Water supply. The movement of water in the oceans. Sea currents. River and its parts. Elements of river valley. River basins. Kinds of rivers. Lakes and their origin. Bogs. Glaciers, permafrost. Underground water. Source. Artificial ponds. The use of the World Ocean and waters of dry land in human economic activity.

References: 1, 2, 11-13

Theme 1.6 Biosphere

The notion of “biosphere”, its components and boundaries. Soils, their properties and differences. The vegetation of land and ocean. Wildlife land and ocean. The impact of the biosphere on other spheres. Human impacts on the biosphere. Protection of the biosphere.

References: 1, 2, 11-13

Theme 1.7 Geographic shell. The general laws of nature and Earth

The concept of “geographical shell”. The general patterns of geographic shell: integrity, cycling of matter and energy, rhythm, complexity. Zonal, not-zonal, and natural systems. Changing of natural systems under the influence of human activities.

References: 1, 2, 11-13

CHAPTER 2. GEOGRAPHY OF CONTINENTS AND OCEANS

Theme 2.1 Subject of Geography of continents and oceans

The values and objectives of the course “Geography of continents and oceans”. The term “mainland” and “part of the world”. Major geographical patterns of development of the Earth, forming patterns of topography, climate, geographical zones and natural areas. Formation of zonal, not-zonal and natural systems on the mainland.

References: 3, 4, 11-13

Theme 2.2 Oceans: the Pacific Ocean, the Atlantic Ocean, the Indian Ocean and the North Arctic Ocean

Plan of characteristics of the oceanic natural complex. Features of oceans physical and geographical position. Historical information on the development and research of various parts of the oceans. The geological structure and topography of the ocean floor. Characteristic features of climate. The properties of water masses and ocean currents. The natural resources of the oceans and their use. The pollution of ocean waters.

References: 3, 4, 11-13

Theme 2.3 Continents

Theme 2.3.1 Africa. Plan of geographical characteristics of the continent. Features of physiographic position. The main elements of the coastline. Research and development. The geological structure. The main forms of mainland relief. Minerals and patterns of their distribution on the mainland. Common features of the climate. Climatic zones and climate types. Major river systems, lakes and groundwater basins, their hydrological characteristics. Natural areas and patterns of their distribution. Features of soil, vegetation and wildlife. The largest national parks. People.

Theme 2.3.2 Australia. The peculiarity of the geographical situation of the continent. History of discovery and research. Landforms and minerals in Australia. Common features of the climate. Climatic zones and climate types of Australia. Waters. Natural areas. The originality and uniqueness of the continent organic world. The population, its composition and location.

Theme 2.3.3 South America. Features of physiographic position. Research and development of the continent. The geological structure. The main forms of relief. Patterns of distribution of mineral deposits. The peculiarity of the climate of the continent. Climatic zones and areas. The influence of climate on the formation and distribution of waters. Major rivers and lakes. Natural areas. Soils, vegetation and fauna. Altitudinal zonation in the Andes. Natural systems changing by human beings. The origin and formation of the modern population, racial composition and its location.

Theme 2.3.4 Antarctica. The peculiarity of the geographical situation of the continent. The discovery of Antarctica and modern research of mainland. International cooperation in the study of the natural environment and natural resources. Ukrainian research station “Akademik Vernadsky”. Geographical structure and relief. Climatic conditions. Flora and fauna. Natural resources and their protection.

Theme 2.3.5 North America. Geographical position of the continent. The history of the North America discovery and exploration. The geological structure and main forms of mainland relief. The role of ancient glaciers in shaping the modern landscape. Minerals, patterns of their distribution. Climatic zones and climate types. Waters land. Major river systems. The largest lakes and their origin. Features of the location of natural areas. Soils, vegetation and fauna. Altitudinal zonation of Cordillera. Protected areas. The most famous national parks. Features of North America colonization. Population, its racial and ethnic composition.

Theme 2.3.6 Eurasia. Geographical position of the continent. Features of Eurasia shoreline. The history of the discovery and study of certain areas of the continent. The geological structure. The ancient continental glaciation. Seismically active regions. The main forms of mainland relief. The largest plains and mountains. Minerals, patterns of origin. Features of the climate, climatic zones and climate types. Inland waters. Major rivers and lakes. Permafrost. Modern glaciation. Natural areas. Features of their placement on the continent. Soils, vegetation and fauna of the natural areas. Altitudinal zonation in the mountains of the mainland. Changing the nature by human beings. Population. Racial and ethnic composition. Placement of the population on the mainland.

References: 3, 4, 11-13

Theme 2.4 The Earth - our common home

The interaction of man and nature. Natural resources, continents and oceans, their classification. Changing relationships between components of nature under the influence of human activities. Imbalance in natural complexes of continents and oceans. The problem of environmental pollution. Types of pollution, the main source of income. Protected areas. International Organization of Nature Protection.

References: 3, 4, 11-13

CHAPTER 3. PHYSICAL GEOGRAPHY OF UKRAINE

Theme 3.1 Ukraine and its geographical studies

Geographical position, forming of Ukraine's territory. General information about Ukraine. Forming of area, modern dimensions, and the administrative-territorial division. Geographical location, boundaries, location of the Ukraine concerning time zones. Ukraine's place in the political and economic map of the world. Economic assessment of economic and geographical position of Ukraine.

References: 5, 6, 11-13

Theme 3.2 Natural conditions and resources of Ukraine

Theme 3.2.1 Relief, tectonic, geological structure, mineral resources. Main features of the terrain: lowlands, hills and mountains. Tectonic structures, their structure and movements. Features of the geological structure of Ukraine. Geomorphological structure. Factors of adverse geological and geomorphological processes and ways to prevent them. Mineral resources and their classification. Patterns of distribution, characteristics and economic evaluation of fuel, ore and non-metallic minerals.

Theme 3.2.2. Climatic conditions and resources. Main climate-forming factors. General features of climate. Types of air masses. Average air temperature and precipitation in Ukraine. The main climate indicators. Seasonal climate features. Causes and consequences of dangerous meteorological phenomena in the country and their distribution. Climatic resources. Monitoring the weather and its forecasting.

Theme 3.2.3 Inland waters and water resources. General hydrological features of Ukraine. Surface water, especially their formation and distribution. Major river basins. Channels. Bogs, their types and distribution. Lakes and reservoirs. Underground water. Unfavorable hydrological phenomena and measures to prevent them. Water resources of Ukraine and ways of their management and protection.

Theme 3.2.4 Soils, vegetation, fauna. The soil cover. Conditions of soil properties, the main genetic types of soils, their patterns distribution. Soil Map of Ukraine. Commercial use of soil. Land resources of Ukraine. Protection of land resources. The diversity of species composition of vegetation, patterns distribution of vegetation. Plant complexes of forests, steppes, meadows. Plant resources, their protection and reproduction. The Green Book of Ukraine. The variety of species of animals. Faunal composition of forests, steppes, meadows, marshes, ponds, the Ukrainian Carpathians and the Crimean Mountains. Animal resources, measures for their protection and reproduction. The Red Book of Ukraine.

References: 5, 6, 11-13

Theme 3.3 Natural complexes of Ukraine

Theme 3.3.1 Natural-territorial complexes. Terms of development and characteristics of natural systems. Interaction of factors and components of the PTC. Landscapes and their classification. Geographical zoning of Ukraine, its scientific and practical importance.

Theme 3.3.2 Natural complexes of plains. Mixed and deciduous forests. Forest. Steppe. The economic characteristics of natural areas, the problem of natural resources and environmental protection.

Theme 3.3.3 Alpine natural complexes. The Ukrainian Carpathian Mountains. The Crimean Mountains. Natural and economic characteristics of mountain areas, problems of resource use and conservation.

Theme 3.3.4 Natural complexes of seas. The Black and Azov Seas. Natural and economic characteristics of the seas, the problems of resource use and conservation.

References: 5, 6, 11-13

Theme 3.4 Use of natural conditions and resources and their protection

Theme 3.4.1 Geo-ecological situation. The main pollutants of the environment. The impact of geo-ecological situation in the population.

Theme 3.4.2 Use and protection of the natural environment and resources. Environmental activities. Legislation on the Nature Reserve Fund. Categories of natural reserve fund. Environmental systems. The National Ecological Network. Environmental Monitoring.

References: 5, 6, 11-13

CHAPTER 4. GENERAL ECONOMIC AND SOCIAL GEOGRAPHY

Theme 4.1. Introduction. Economic and social geography of science

The subject of economic and social geography. Economic and social geography in the system of geographical and other sciences. Methods of economic-geographical research.

References: 7, 8, 11-13

Theme 4.2. People

Theme 4.2.1. The number, location, gender and age structure of the population. The concept of "natural movement of the population." Human reproduction. Demographic processes and population policies. Mechanical movement (migration) of the population. The concept of "immigration", "migration", "net migration". Internal and external migration. Migration and migration policy. Gender and age structure of the population, its consequences.

Theme 4.2.2 System of resettlement of the population. Urban and rural population. The types of settlements. Urbanization. Suburbanization. Urban agglomeration. Type cities in size and function. Types of villages, especially their placement.

Theme 4.2.3 Human resources and employment. The concept of "human resources", "economically active population", "employment," "unemployment".

Theme 4.2.4 Interaction between society and nature. The geographical environment as an area of interaction between society and nature. Resources provision. Environmental management: rational and irrational.

References: 7, 8, 11-13

Theme 4.3. Economy

Theme 4.3.1 General characteristics of the economy. The concept of the national economy and the national governmental complex. International geographical division of labor (MHPP). The concept of "STD" and its main features. Sectoral structure of economy. The concept of "industry" and "inter-industry complex." Forms of social organization of production. Infrastructure, its species. The concept of the territorial structure of the economy. The value of external relations in the economy of the country.

Theme 4.3.2. The economic potential. Indicators of socio-economic development. Gross national product, national income. Quality of life.

Theme 4.3.3 Industry. Industry as a sphere of material production. Sectoral structure of the fuel industry. Raw materials. The coal industry. Oil industry. Petroleum industry. Gas industry. Power as a part of the energy industry. The main types of power plants. Power system. Alternative ways of obtaining energy. Steel. Raw materials. Factors placement. Non-ferrous metallurgy. Ingredients and raw materials. Factors of industry placement. The role of engineering sector in the state. The structure of the industry. External and internal relations. Factors of placement: high-tech, labor-intensive and metal-industry. Chemical industry, its industrial structure. Natural raw materials and chemical waste management. The structure and value of forest and wood industry, especially its location. Pulp and paper and resin production. Industry structure. Building materials industry. Factors of development and deployment. Raw materials. Sectoral structure of light industry. Factors of its placement. Sectoral composition of the food industry. Factors of industries placement.

Theme 4.3.4 Agriculture. The value of agriculture in the national economy. Sectoral structure of agriculture. How agriculture cooperates with its sectors. Natural and geographical factors of agricultural development. Farming land, their structure. Land Development. Industry structure and features of production plant. Livestock, its structure. Forage breeding.

Theme 4.3.5 Transport. The role of transport in economic development of the country. Means of transport. Railway transport. Road transport. Water transport. Air Transport. Pipeline transportation.

Theme 4.3.6 Social sphere. Social sectors. Service Industries. Industries producing consumer goods of value.

References: 7, 8, 11-13

CHAPTER 5. ECONOMIC AND SOCIAL GEOGRAPHY OF UKRAINE

Theme 5.1 Population of Ukraine

Theme 5.1.1. The number, location, gender and age structure of the population. Settling in Ukraine. The number, location, gender and age structure of the population. Regional factors of location and population density. Natural and economic conditions

affecting the main indicators of population distribution. Natural movement of population. The demographic situation. Migration, its types and causes. Ukrainian diaspora and its causes.

Theme 5.1.2 National and ethnic composition of the population. Ethnic composition of the population. Ethnic groups. Regional differences in spiritual culture of the population (language, religion, customs).

Theme 5.1.3 System resettlement of the population. The system of settlement. Urbanization and regional differences in levels. The types of urban settlements. Features cities and metropolitan areas. Rural settlement and its regional differences, social issues.

Theme 5.1.4 Manpower, Employment. Workforce. Employment in material production and non-production sphere. The problems of employment and geographical aspects.

References: 7, 8, 11-13

Theme 5.2 Economy of Ukraine

Theme 5.2.1 General characteristics of the economy, economic potential. The main features of the structure of the economy. Modern problems of development and territorial organization of the economy. The development of market infrastructure in Ukraine.

Theme 5.2.2 Industry. Overview of the development and distribution of industry. Industry structure, specialization. Modern problems and prospects of development and distribution of industry.

Fuel industry. The structure, place and role in the economy. The coal industry. Areas extraction of lignite and coal. Problems and prospects. The oil and gas industry. The main areas of oil and gas. Centers of oil production. Peat, fuel and shale industry.

Power, its structure, development and deployment of the main types of power plants, power lines. Environmental problems of fuel and power industry. Energy conservation, alternative sources of energy.

Iron and steel industry. The structure, place and role in the economy. Factors of development and deployment. Raw materials. Geography steel. Non-ferrous metallurgy. Main industries and their location. Problems and prospects of the steel industry.

Engineering and metal industry. Value, place and role in the economy. Industry structure and principles of placing certain industries: heavy, agriculture, transport, electrical and others. Territorial organization of engineering. Problems and prospects.

Chemical Industry. Value, place and role of the industry. Raw materials. Sectoral structure of the chemical industry. Geography certain industries and chemical industries. Problems and prospects.

Forest industry. The structure and meaning. Forestry (logging). The main areas of logging, problem reproduction and rational use of forest resources.

Wood industry. Pulp and paper and resin production. Geography of production of forest industry, problems and prospects.

Building materials industry. The structure and meaning. Factors of development and deployment. Raw materials. Geography cement production.

Light industry. Crafts. The structure, principles accommodation. Geography textile (cotton, wool, linen and silk), sewing and knitting, leather and shoe industry. The main centers of crafts.

Food Industry. Industry structure, especially the specialization principles accommodation and geography. Problems and prospects.

Theme 5.2.3 Agriculture. The role, place and importance of agriculture. Land Fund. Land Development. Plant growing. Cereals. Growing crops, potatoes and vegetables. Gardening, berry growing and viticulture. Livestock. Fisheries.

Theme 5.2.4 Social sphere. Industry structure, value. Service Industries. The structure of the industry. Recreation and tourism economy. Problems and prospects of the industry.

Theme 5.2.5 Transport and foreign economic relations of Ukraine. The main modes of transport, their characteristics. Features of the location. Geography traffic. The railway network of Ukraine. Road transport, the most important highway. Pipelines, transit routes of oil and gas. Water transport, sea and river ports. Air Transport. Ukraine Foreign economic relations.

References: 7, 8, 11-13

Theme 5.3 Economic and geographic regions of Ukraine

Economic and geographic characteristics (for a typical plan: economic and geographical position and its economic valuation, natural conditions and resources, population and labor force, especially the sectoral and regional structure of the economy, the industry and its structure, characteristics of the main sectors of agriculture, transportation, its main types and geography, foreign economic relations, regional differences).

The geographical division of labor and economic zoning. Donetsk, Dnieper, Northeastern, Capital, Central, Black Sea, Podolsky, Northwest, Carpathian areas (short economic and geographic characteristics).

References: 7, 8, 11-13

CHAPTER 6. SOCIAL AND ECONOMIC GEOGRAPHY OF THE WORLD

Theme 6.1 General economic and geographic characteristics of the world

Theme 6.1.1 Modern political map of the world. Stages of formation of the map. Typology countries. Indicators that determine the level of economic development. Forms of government and administrative-territorial structure of the country. Modern political map of Europe, Asia, Africa, America, Australia and Oceania. International organizations.

Theme 6.1.2 Population. The population of the world and its dynamics. Ethnic (national) of the population. The most numerous peoples and language families. Religions of the world. The uneven distribution of population in the world. The urban population. Agglomerations megalopolis. Rural urbanization world migration processes. Labor and employment in various areas of the country and regions.

Theme 6.1.3 Geography of world's natural resources. The natural resources of the world: mineral, water, land, forest, recreational, oceans. Provision of resources and resource conservation.

Theme 6.1.4 World economy. Geography industrial world.

The global fuel and energy system. Geography coal, oil and gas industry. Power of the world.

Ferrous and nonferrous metallurgy in the world, major areas where metallurgical production.

Engineering the World: geography major industries. The main areas where chemical, timber and woodworking, light and food industries.

Geography of agriculture. Features of the development and deployment of plant and animal sectors.

Geography of Transport. The development and deployment of major transport: road, rail, water and air.

International economic relations. The main forms of economic cooperation. International tourism and its variants.

Theme 6.1.5. Global problems of humankind. The origin and nature of global challenges. The most important issues of the day: demographic, environmental, energy, food, poverty, war and peace, the development of ocean resources and solutions.

References: 9-13

Theme 6.2. Regions and countries

Economic and geographic characteristics of regions and countries. Economic and geographic characteristics of regions and individual countries (with the typical plan: economic and geographical position and its economic valuation, natural conditions and resources, population and labor force, especially the sectoral and regional structure of the economy, the industry and its structure, characteristics of the main sectors of agriculture; transport, its main types and geography, foreign economic relations, regional differences).

Overview of Europe. Germany. United Kingdom. France. Italy. Poland. Belarus. Russia.

General characteristics of Asia. Japan. China. India.

American Countries. USA, Canada. Overview of Latin America.

Overview of Africa.

Overview of Australia and Oceania countries.

References: 9-13

RECOMMENDED BOOKS

1. Vovk V.F. Geography of Ukraine. 8-9 grades: the schooltable / V.F. Vovk, L.V. Kostenko.– Kharkov: Publishing House "Ranok", 2013. – 160 p.
2. Geography: Textbook for grade 7 / Kobernik S.G., Kovalenko R.R. – K., "Gramota", 2015.
3. Geography of continent sand oceans: textbook for grade 7 / Pestushko V.Y., Uvarov H.SH. – K., Geneza, 2015.
4. Geography. Integrated Publication: Handbook. Typical tests. Practice Tests / T.C. Dougan, S.G. Konstantinov, L.V. Kostenko, O.H. Stadnyk. – 4-th ed.- K. : Litera LTD, 2014. – 336 p.
5. Geography. Integrated Publishing / G.D. Dougan, G.I. Konstantinov, L.V. Kostenko, O.G. Stadnik. - 3rd ed., revised. – K: Litera LTD, 2013. – 336 p. – (Independent external evaluation).
6. Geography: Textbook for Grade 9 / Sadkina V.I., Goncharenko O.V. – "Oberig", 2010.
7. Geography: Textbook for Grade 10 / Pestushko V.Y., Uvarov H.SH. – "Geneza", 2010.
8. Geography: Textbook for Grade 10 / Kobernik S.G., Kovalenko R.R. – "Oberig", 2010.
9. Geography: Textbook for Grade 9 / Pestushko V.Y., Uvarov H.SH. – Geneza, 2009.
10. Dougan G.D. Geography of Ukraine indefinitions, tables and diagrams. 8-9 grades. – Kharkov: Publishing House "Ranok", 2013 – 128 p.
11. General geography: Textbook for grade 6 / Maslyak P.A., Kaporulina S.L. – Axioma, 2015.
12. General geography: Textbook for grade 6 / Kobernik S.G., Kovalenko R.R. – K., "Oberig", 2014.
13. Program of external evaluation of the geography for those wishing to pursue higher education on the basis of complete secondary education. (Approved by the Ministry of Education and Science of Ukraine 01.10.2014. Number 1121). - Access: http://zno-ua.net/files/2015/Geo_2015.pdf.
14. Physical Geography of Ukraine: Textbook for grade 8 / Shishchenko P.G., Munich N.V. – Zodiac-ECO P.H. "Osvita", 2011.
15. Physical Geography of Ukraine: Textbook for Grade 8 / Pestushko V.U. – Geneza, 2008.
16. Shmatko O.E. Geography. Express training / E.E. Shmatko, O.I. Grinchenko, N.V. Svir. - 3rd ed., revised. - K.: Litera LTD, 2013. - 288 p. – (Independent external evaluation).

Internet resources:

1. http://testzno.com.ua/?Itemid=2&option=com_jquarks&view=quiz
2. <http://zno-ua.net/lesson/geography/>
3. <http://testportal.gov.ua/prepare/>
4. <http://zno.osvita.net/TestingSelect.aspx>
5. <http://geographer.com.ua/tags/zno-z-geografiyi-2014>
6. <http://metodportal.com/node/20074>
7. www.iitzo.gov.ua