

GEOGRAPHY

Instruction: You are offered the test items with one correct answer from four proposed ones.

1. The study objects of geography
 - A) plants and animals
 - B) geospheres and geosystems
 - C) GIS technology and remote sensing
 - D) Earth and space

2. A short-term field studies by travel over the territory under investigation on foot or with the use of transportation facilities
 - A) modelling
 - B) remote sensing
 - C) expedition
 - D) reconnaissance

3. An aerial image of the Earth's surface taken from the distance by using ground flying vehicles
 - A) topographical maps
 - B) thematic maps
 - C) aerial photographs
 - D) politic maps

4. A main feature of GIS
 - A) geographical database
 - B) coding software program
 - C) mathematical base as projection
 - D) GIS map could be only electronic

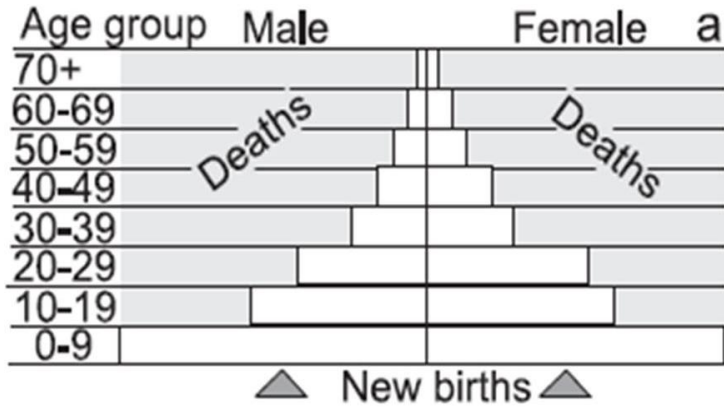
5. The river system in the west part of Kazakhstan
 - A) Zhaiyk
 - B) Ile
 - C) Syrdariya
 - D) Irtysh

6. Climat forming factors do not include
 - A) atmospheric circulation
 - B) sun radiation
 - C) animals
 - D) underlying surface type

7. Depth of the Marian hollow

- A) 10998 m
- B) 11088 m
- C) 8848 m
- D) 11022 m

8. The given graph does not show

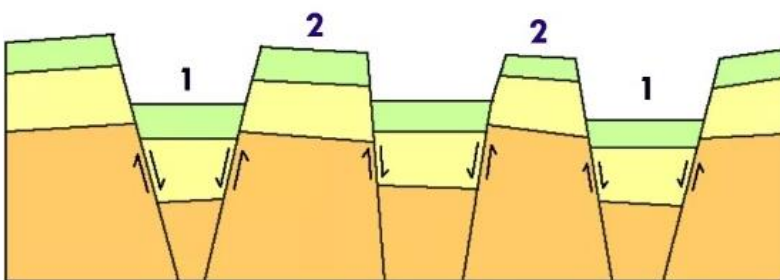


- A) age propotion
- B) gender propotion
- C) migration rates
- D) birth and death ratio

9. Naturally occurring concentration of ice

- A) glasiers
- B) gulfs
- C) lakes
- D) rivers

10. Deep faults (1), formed as a result of ups and downs of the Earth's Crust



- A) strike-slip
- B) horst
- C) graben
- D) reverse fault

11. Country with constitutional monarchy located on archipelago

- A) Japan
- B) Marocco
- C) Sweden
- D) Luxemburg

12. The second largest country by area

- A) China
- B) Australia
- C) Canada
- D) USA

13. A historically formed group of people with common self-identity and self-name, common origin, culture and often language, at early stages the group has been connected with a certain territory

- A) diaspora
- B) race
- C) ethnic group
- D) confederation

14. A periodic counting of the population and gathering of demographic, economic and social information carried out by government for a particular point in time

- A) census
- B) survey
- C) registration
- D) migration

15. The most humid zone, with only two seasons, and low atmospheric pressure

- A) subtropical
- B) tropical
- C) equatorial
- D) temperate

16. A regionalization, the identification of a system of related economic regions of a country that has specific similarities in location, resources and specialization

- A) historical
- B) economic
- C) climatic
- D) physical

17. Overlap of three main aspects of development strategy: economic, social and environmental

- A) sustainable development
- B) acceptable development
- C) fair development
- D) permissible development

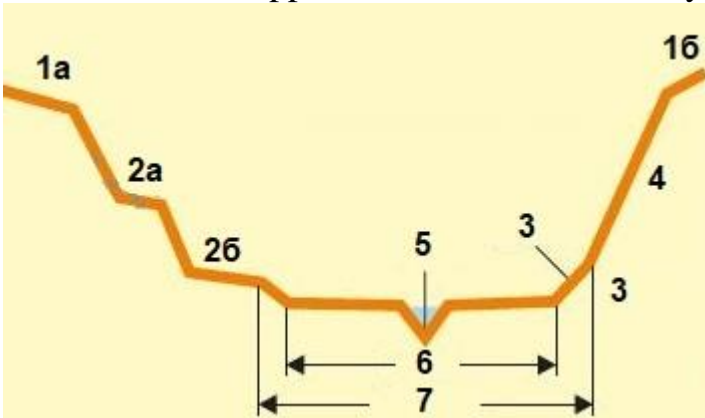
18. Dome-like shaped landforms, in which effusive rocks occur

- A) synclinal valley
- B) microrelief
- C) volcano
- D) shield

19. An area, with large concentration of the LDC countries with agrarian economy, where the employee number in this sector consists more than half of population

- A) Australia
- B) Africa
- C) Middle East
- D) North America

20. Unflooded stepped areas of the river valley



- A) 1a, 1b
- B) 5, 6, 7
- C) 3, 4
- D) 2a, 2b

21. Governmental function that includes processes of collection, cultivation, analysis, and distribution of demographic, economic, and social data in a period

- A) census
- B) listing
- C) density
- D) migration

22. The large geopolitics' unit and the main territory with interconnected geographic objects situated on it and developing in time

- A) threecentric world
- B) geographic space
- C) space industry
- D) monopolar world

23. A structural division of human capital including the human qualification and skills development as one of the tasks of 'Science'

- A) personal
- B) educational
- C) economical
- D) social

24. Difference of traditional geopolitics from other branches

- A) accent on military and political forces of the country
- B) spiritual and mental upperhand of the country
- C) focus on economic power of the country
- D) accent historical events

25. Method, used in complex description of countries in order to compare them

- A) field
- B) cartographic
- C) synergy
- D) historic

Instruction: You are offered the test items on the base of text with one correct answer from four proposed ones. Read the text attentively and do the items.

Database in GIS

There is no doubt that maps are inherently the most effective tool to present geographic data in the most convenient way. In modern world, we apply geographical information systems (GIS) to create data-rich maps. That maps consist of numerous layers of dimensional data that overlay until the desirable image. In order to keep huge amount of information organized, GIS specialists or map makers use databases. Each layer of information on one region saved in one database of that exact region that constantly gets updated. Just like libraries, databases may include various info and items. In fact, we also use databases in different forms in our everyday life.

26. File extension for informational database

- A) xls
- B) ppt
- C) txt
- D) jpg

27. Main resource of GIS data in creating databases for maps

- A) newspapers
- B) satellite images
- C) lab reports
- D) textbooks

28. Type of digital form of cartographic data for rivers

- A) semantic
- B) dot
- C) linear
- D) polygon

29. Advantage of databases

- A) unusable interface
- B) suitable renewal data
- C) text analyze
- D) making statistics

30. Application to use in order to create database, to fill with spatial and mathematic information, and then process GIS datalayers to make a map

- A) Adobe Illustrator
- B) Corel Painter
- C) Macromedia Freehand
- D) ArcGis

Instruction: You are offered test items to matching.

31. Establish compliance between rocks and their species

A)	igneous rock	marble
		conglomerate
		gabbro
		sandstone
B)	metamorphic rock	marble
		conglomerate
		gabbro
		sandstone

32. Establish compliance between global branches

A)	proccesing industry	transport and comminication
		construction industry
		fish breeding
		agriculture
B)	service industry	transport and comminication
		construction industry
		fish breeding
		agriculture

33. Establish compliance between climat terms and their definitions

A)	wind	the average conditions of the atmosphere in a given area, considered over many years
		a state of the atmosphere at a particular time
		a horizontal movement of air
		an almost homogeneous mass of air of great lateral extent bounded by atmospheric fronts
B)	weather	the average conditions of the atmosphere in a given area, considered over many years
		a state of the atmosphere at a particular time
		a horizontal movement of air
		an almost homogeneous mass of air of great lateral extent bounded by atmospheric fronts

34. Establish compliance between sources of electric energy and natural resources

A)	mineral resources	wind power station
		hydroelectric power station
		thermic power plant
		solar power plant
B)	climat resources	wind power station
		hydroelectric power station
		thermic power plant
		solar power plant

35. Establish compliance between branches of world religions and countries they spread

A)	catholicism	Greece
		Azerbaijan
		Philippines
		Serbia
B)	shia	Greece
		Azerbaijan
		Philippines
		Serbia

Instruction: You are offered the test items with one or more correct answers.

36. A model of countries based on their political and geographical features and it was formulated by the scientist(s)

- A) T. Malthus
- B) simulation
- C) J. Mackinder
- D) regionalization
- E) S. Cohen
- F) malthusianism

37. The real distance on the Earth's surface if the scale is 1:5 000 000

- A) 1 cm=50 000 m
- B) 1 cm=50 km
- C) 1 cm=5 km
- D) 1 cm=1 cm
- E) 1 cm=500 mm
- F) 1 cm=50 m

38. A climatic feature(s), which guaranties and providing the progressive way of commercial agriculture development

- A) microclimatic
- B) agroclimatic
- C) recreational
- D) thermal
- E) mesoclimatic
- F) energy and climatic

39. A factor(s), which has affect to the growth of the number of population

- A) low fertility rate
- B) decreasing of expected life-span
- C) increasing of expected life-span
- D) increasing of infantility rate
- E) decreasing of infantility rate
- F) high fertility rate

40. Changes occurred in agriculture sector during the industrial revolution

- A) number of people employed in crop production decreased
- B) number of people employed in crop production increased
- C) number of people employed in cattle-breeding decreased
- D) slightly changes in non-industrial sector
- E) number of people employed in cattle-breeding increased
- F) changes not fixed increased

GEOGRAPHY TEST IS COMPLETED