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OROMIA EDUCATION BUREAU

GEOGRAPHY FIRST ROUND MODEL EXAMINATION FOR GRADE 12 STUDENTS, 2018/2026.

NUMBER OF QUESTIONS:115 **TIME ALLOWED: 2:30 HOURS**

GENERAL DIRECTIONS

THIS BOOKLET CONTAINS **GEOGRAPHY FIRST ROUND MODEL EXAMINATION FOR GRADE 12.** IN THIS EXAMINATION, THERE ARE A **TOTAL** OF **115 MULTIPLE CHOICE QUESTIONS** OUT OF WHICH SIGHTED (**NON-VISUALLY IMPAIRED**) CANDIDATES ARE REQUIRED TO ATTEMPT QUESTIONS **1-100** WHILE, THE **VISUALLY IMPAIRED** CANDIDATES ARE REQUIRED TO ATTEMPT QUESTIONS **1-83** AND **101-115**.

THERE IS ONLY ONE BEST ANSWER FOR EACH QUESTION. SELECT THE BEST ANSWER FROM THE SUGGESTED OPTIONS AND BLAKEN ONLY THE LETTER OF YOUR CHOICE ON THE SEPARATE ANSWER SHEET PROVIDED. YOUR ANSWER MARK SHOULDB BE HEAVY AND DARK, COVERING THE ANSWER SPACE COMPELETLY. PLASE ERASE ALL UNNESSARY MARKS COMPLETLEY INCLUDING ANSWERS YOU HAVE CHANGED FROM YOUR ANSWER SHEET. FOLLOW THE INSTRUCTIONS ON THE ANSWER SHEET AND THE EXAMINATION PAPER CAREFULLY. YOU ARE ALLOWED TO WORK ON THE EXAM FOR **2:30 HOURS**. WHEN TIME IS CALLED, YOU MUST IMMEDIATELY STOP WORKING, PUT YOUR **PEN DOWN**, AND WAIT FOR FURTHER INSTRUCTIONS.

ANY FORM OF CHEATING OR AN ATTEMPT TO CHEAT IN THE EXAMINATION AS WELL AS USING A **CELL PHONE** WILL RESULT IN AN AUTOMATIC DISMISSAL FROM THE EXAMINATION HALL AND CANCELLATION OF YOUR SCORE (S).

PLEASE MAKE SURE THAT YOU HAVE WRITTEN ALL THE REQUIRED INFORMATION ON THE ANSWER SHEET BEFORE YOU START TO WORK ON THE EXAMINATION.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO!

OEB WISH YOU ALL THE BEST!

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DIRECTIONS: EACH OF THE FOLLOWING QUESTIONS IS FOLLOWED BY **FOUR** POSSIBLE ALTERNATIVES. READ EACH QUESTION CAREFULLY AND SELECT THE ONE BEST ANSWER FROM THE GIVEN OPTIONS ON THE PROVIDED ANSWER SHEET.

1. What is the most accurate description of Geography as a discipline?
   A. The study of human population distribution and economic activities
   B. The examination of man-environment interactions from a spatial perspective
   C. The description of Earth's physical features and their locations
   D. The analysis of Earth's shape, size, and climatic conditions
2. Which geological principle states that in undisturbed layers, older rocks lie beneath younger ones?
   A. Original horizontality C. Radioactive decay
   B. Superposition D. Cross-cutting relationship
3. Which of the following is **NOT** a characteristic features of unplanned urbanization?
   A. Monitored land use change C. Unregulated urban growth
   B. Environmental degradation D. Urban sprawl
4. Based on geological theories of Earth's history, how were the continents formed?
   A. Through extreme weathering and sudden climate changes
   B. Through tectonic material collision and continental drift
   C. Through the long-term influence of human environmental activities
   D. Through the biological distribution of ancient flora and fauna
5. Which sub-field of human geography specifically investigates how places change and evolve over time?
   A. Urban geography C. Cultural geography
   B. Historical geography D. Political geography
6. Which of the following was **NOT** used by Alfred Wegener as primary evidence to support his theory of continental drift?
   A. Paleo magnetic data from ocean floors C. Fossil distribution across continents
   B. Coastline similarity (Jig-Saw-Fit) D. Rock type and structural similarities
7. A researcher studying the specific reasons why temperatures decrease from lowland to highland areas is engaging in which research purpose?
   A. Exploration B. Description C. Explanation D. Prediction

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8. What type of rainfall is common in humid areas with high temperatures throughout the year?
   A. Relief rainfall
   B. Cyclonic rainfall
   C. Convectional rainfall
   D. Frontal rainfall
9. Which chronological arrangement correctly matches a geological time scale period with its corresponding major event?
   A. Precambrian Era ⟶ Formation of rift valleys
   B. Paleozoic Era ⟶ Formation of sedimentary rocks
   C. Mesozoic Era ⟶ Formation of denudation and peneplanation
   D. Cenozoic Era ⟶ Formation of Earth's present-day shape
10. What indicates the absolute location of Ethiopia in terms of its **North-South** extent?
    A. $33^0E - 48^0E$
    B. B. $3^0N - 48^0N$
    C. $3^0N - 15^0N$
    D. $15^0N - 33^0N$
11. Which of the following is **NOT** considered a major problem facing the utilization of African water resources?
    A. High seasonal fluctuation of river volumes
    B. Excess and unmanageable water flow in some rivers
    C. Severe climate variations and changes
    D. The reduction of water loss during irrigation practices
12. Which country currently stands as the leading exporter of agricultural products within intra-African trade?
    A. Ethiopia B. Uganda C. Egypt D. South Africa
13. During the Northern Hemisphere summer, in which direction do pressure belts move from their average position?
    A. Westwards B. Eastwards C. Southwards D. Northwards
14. Which of the following is identified as a major anthropogenic source of carbon monoxide (CO) pollution?
    A. Industrial processes.
    B. Vehicular exhaust.
    C. Natural gas leaks.
    D. Forest fires.
15. What marginal map information indicates the relationship between distance on the map and actual ground distance?
    A. Key B. Scale C. Title D. Grid reference

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16. According to the Köppen climate classification system, which pair of climatic types is **LEAST** capable of supporting abundant plant communities?
    A. Climate B and Climate E
    B. Climate C and Climate H
    C. Climate A and Climate D
    D. Climate A and Climate C
17. Which form of corruption occurs when community funds are illegally diverted from their intended public use into individuals' private pockets?
    A. Theft of public assets B. Nepotism C. Kick-backs D. Bribery
18. What was the primary criteria used by ancient Greeks to formulate their early global climate classification system?
    A. Distribution of rainfall
    B. Wind speed and direction
    C. Data accumulation on climate
    D. The Earth-Sun relationship
19. Which concept best describes the phenomenon where shared environmental resources are overexploited due to unrestricted individual access?
    A. Resource privatization
    B. Equitable resource sharing
    C. Tragedy of the commons
    D. Sustainable land use
20. What types of population pyramid is a triangular shape with wide a base and narrow top?
    A. Contractive pyramid
    B. Stationary pyramid
    C. Expansive pyramid
    D. Symmetry pyramid
21. Which of the following statements regarding Earth's tectonic plates is **INCORRECT**?
    A. Plates can be composed entirely of continental crust.
    B. Plates can be composed entirely of oceanic crust.
    C. Plates frequently contain both continental and oceanic crust.
    D. Plates are fixed in place and do not experience lateral movement.
22. In which major African landform are the majority of the continent's famous national wildlife parks located?
    A. Sahel region
    B. Sahara Desert
    C. Tropical rain forest region
    D. Savanna region
23. Which statistical diagram is most suitable for visually comparing monthly rainfall amounts across different regions?
    A. Pie chart B. Line graph C. Bar graph D. Base map

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24. Which of the following statements is **NOT** true regarding the equatorial rainforest climate?
    A. It exhibits high mean monthly and mean annual temperatures
    B. It experiences a consistently low sun angle throughout the year
    C. It features a high daily temperature range but a low annual temperature range
    D. It receives substantial rainfall consistently throughout the year
25. What soil conservation method involves covering the soil with plant residues to conserve moisture and restore fertility?
    A. Crop rotation B. Green manure C. Mulching D. Fallowing
26. The behavioral approach to explaining poverty is typically favored by individuals who describe themselves as:
    A. Liberal B. Conservative or libertarian C. Socialist D. Communist
27. The specific techniques, tools, and procedures used by a researcher to gather and analyze data are collectively termed as:
    A. Research approach C. Research project
    B. Research methodology D. Research methods
28. Which African soil type is strongly weathered with low nutrient-holding capacity and associated with high rainfall areas and old land surfaces?
    A. Ferralsols B. Cambsols C. Leptosols D. Arenosols
29. What essential characteristic of a census ensures every individual is counted exactly once without omission or duplication?
    A. Universality B. Expensiveness C. Periodicity D. Defined territory
30. Which of the following government actions serves as an example of a direct intervention of a population policy?
    A. Providing old age security C. Provision of basic education
    B. Restricting child labor D. Rising the age of marriage
31. If farmers proactively install water tanks to secure water availability before anticipated severe dry spells occur, what type of adaptation strategy is being utilized?
    A. Public adaptation C. Anticipatory public adaptation
    B. Private adaptation D. Reactive natural adaptation

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32. Which of the following statements is **NOT** a true reflection of the challenges faced by landlocked countries?
    A. They lack direct territorial access to the sea for export-import trade
    B. They are generally required to pay high transit fees to access coastal seaports
    C. Their commercial activities rarely face customs delays or transit interruptions
    D. They depend on negotiated agreements for unrestricted passage through neighboring transit states
33. Which African country is most globally recognized for its extensive linguistic and cultural diversity?
    A. Ethiopia B. Kenya C. Nigeria D. Egypt
34. Which global sub-region is geographically situated between the coniferous forest belt and the polar ice caps?
    A. Cold zone B. Temperate zone C. Tundra region D. Frigid zone
35. If Tullu Dimtu Mountain has an altitude of **4370m** meters above sea level and the temperature at sea level is **28.97^{0}C**, what is the expected temperature at the top of the mountain?
    A. 1^0C B. 2^0C C. 3^0C D. 4^0C
36. According to the Corruption Perceptions Index, which of the following African countries is consistently ranked as the least corrupt?
    A. Republic of South Africa B. Ethiopia C. Botswana D. Nigeria
37. Why is oceanic crust forced to subduct beneath continental crust at convergent plate boundaries?
    A. It is thicker B. It is less dense C. It is denser D. It is older
38. How can the most significant long-term impact of climate change on African agriculture be best evaluated?
    A. As a driver for improved crop yields in previously desertified regions.
    B. As a catalyst for increased pest and disease outbreaks affecting both crops and livestock.
    C. As a stabilizing force for regional water resources utilized in commercial irrigation.
    D. As a primary reason for the increased biodiversity of native plants and animals.
39. Which of the following groups of countries are among Ethiopia's top export destinations?
    A. Somalia; Djibouti and Kenya C. Morocco, South Africa, and Egypt
    B. South Africa, Egypt, and Uganda D. South Africa, Egypt, and Uganda
40. What geographic term describes a narrow strip of land, bordered by water on both sides, that connects two larger landmasses?
    A. Isthmus B. Peninsula C. Continent D. Island

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41. What is the primary foundational objective of the Nile Basin Initiative (NBI)?
    A. To bring sustainable socio-economic development through equitable utilization to Basin States.
    B. To actively work toward water scarcity mitigation strictly in the Lower Nile Basin.
    C. To discourage bilateral cooperation in favor of a unified single-state mandate.
    D. To exclusively promote research on climate change impacts within the Nile Basin.
42. Which economic sector involves high-level decision-making and advanced scientific research?
    A. Primary sector C. Quaternary sector
    B. Quinary sector D. Secondary sector
43. Which climatic factor most strongly influences the distinct climate patterns of warm temperate east coast regions?
    A. Distance from the sea B. Ocean current C. Latitude D. Altitude
44. What is a possible negative impact of agricultural intensification?
    A. Increased biodiversity conservation C. Growth of pesticide hazards
    B. Maintenance of soil fertility D. Reduced greenhouse gas emission
45. What demographic conditions characterize the first stage of the Demographic Transition Model?
    A. High birth rates and low death rates C. High birth rates and high death rates
    B. Low birth rates and high death rates D. Stable birth and death rates
46. Which major African river basin experiences exceptionally high water evaporation rates primarily due to its geographic location in extreme high-temperature zones?
    A. Congo Basin B. Chad Basin C. Niger Basin D. Nile Basin
47. Which distinct climatic region is uniquely located at both the extreme northern and extreme southern tips of the African continent?
    A. Tropical maritime climate C. Mediterranean climate
    B. Tropical continental climate D. Equatorial climate
48. What best describes the difference between economic growth and economic development?
    A. Economic growth indicates structural and technological change
    B. Economic growth measures the quantity of goods and services produced
    C. Economic development is one aspect of economic growth
    D. Economic growth measures societal welfare

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49. Which statement accurately describes a characteristic of a small-scale map?
    A. It displays limited detailed information over extensive areas
    B. It depicts large areas with highly detailed information
    C. It shows small areas with minimal detail
    D. It represents features at or near their actual size
50. In Milankovitch's orbital theory, what specific term describes the periodic change in the circular to elongated shape of Earth's orbit?
    A. Tilt of earth's axis B. Obliquity C. Eccentricity D. Precession
51. When analyzing resource degradation, which of the following is categorized as a direct "**proximate cause**" rather than an underlying structural cause?
    A. Rapid population growth C. Improper land use practices
    B. Deforestation for agriculture D. Climate change
52. Which of the following is **NOT** one of the domains of Geographic information system (GIS)?
    A. Data manipulation C. Data storage and management
    B. Data discussion D. Data analysis and presentation
53. What type of solutions do **"Bright Greens"** environmentalism advocate for environmental challenges?
    A. Radical political and economic changes C. Technological solutions and innovation
    B. Strict preservation of natural resources D. Individual lifestyle choices
54. Which of the following is a characteristic of the coniferous forest region?
    A. It has fertile soil that supports rain-fed agriculture
    B. It is dominated by varied vegetation types
    C. It is found only in the northern hemisphere
    D. It experiences invariable temperature conditions
55. If you were commissioned to conduct an empirical study, which basic element of research might enable you to identify gaps to be filled by your study?
    A. Defining sampling design C. Reviewing related literature
    B. Delineating the scope of study D. Developing a hypothesis
56. If the land between two parallel faults sinks down while the surrounding areas remain elevated, what landform is formed?
    A. Horst B. Rift valley C. Escarpment D. Plateau

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57. Which of the following is the main goal of the environmental policies of Ethiopia?
    A. Minimizing the use of natural resources
    B. Protecting natural resources from wastage
    C. Prohibiting people from using natural resources
    D. Ending exploitation of natural resources
58. According to Karl Marx's critique, how does the capitalist system fundamentally generate a **"surplus population"**?
    A. By actively encouraging rapid, unchecked population growth
    B. By creating market systems that provide ample, stable job opportunities
    C. By systematically separating producers from their independent means of production
    D. By enforcing the equal distribution of environmental resources among all classes
59. Which traditional belief system serves as an indigenous mechanism helping the Gumuz people of Ethiopia manage their environment as communal property?
    A. Yamba B. Paleta C. Maccaa D. Guma
60. According to energy consumption projections, which pair of countries is expected to contribute the most to the increase in residential energy use among non-OECD nations by 2030?
    A. USA and Germany C. Japan and South Korea
    B. China and India D. England and France
61. What was the main objective of the 1994 International Conference on Population and Development held in Cairo?
    A. To promote economic development in developing countries
    B. To link population growth to core development agendas
    C. To implement a one-child policy worldwide
    D. To encourage migration to control population growth
62. Which of the following can be considered an objective of economic development?
    A. Limiting availability of basic needs
    B. Accumulating maximum capital wealth
    C. Expanding economic and social choices
    D. Abstaining from using natural resources

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63. Which environmental health framework critically addresses environmental problems by analyzing both human activities and natural ecological processes?
    A. Clinical model
    C. Public health model
    B. Environmental stewardship model
    D. Biological model
64. Which statement provides the **BEST** critical evaluation of the relationship between global warming and climate change?
    A. They are identical phenomena used interchangeably in scientific literature
    B. Global warming is a major, specific aspect driving the broader phenomenon of climate change
    C. Climate change is the sole direct cause of localized global warming
    D. They are scientifically unrelated phenomena occurring simultaneously
65. If a downstream community faces a severe water shortage specifically because an upstream dam has artificially reduced the river's flow, what type of scarcity is occurring?
    A. Demand-induced scarcity
    C. Income induced scarcity
    B. Supply-induced scarcity
    D. Structural -induced scarcity
66. How does the **"nested rings"** approach critically assess the pillars of sustainable development?
    A. It insists the economy operates completely independently of society & the environment
    B. It insists the economy is fundamentally dependent on society, which is entirely dependent on the environment
    C. It insists the natural environment is entirely dependent on economic output
    D. It insists all three pillars exist as completely separate, non-overlapping domains
67. Which of the following is considered a severe, direct demographic impact of the HIV/AIDS epidemic in heavily affected regions?
    A. Widespread orphan hood
    C. Increased economic dependency ratios
    B. General psychological stress
    D. Drastically shortened average life expectancies
68. Which one of the following is the most and least urbanized regions of Africa respectively?
    A. North Africa and West Africa
    C. Central Africa and South Africa
    B. Central Africa and West Africa
    D. South Africa and East Africa

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69. An extended shortfall of precipitation over an area is initially and primarily classified as what specific type of drought?
    A. Hydrological drought C. Agricultural drought
    B. Metrological drought D. Environmental drought
70. How is the geographic and climatological term **"albedo"** best defined?
    A. The amount of energy absorbed by the surface
    B. The amount of energy stored water the water
    C. The amount of energy reflected by the surface
    D. The amount of energy stored in the surface
71. Why do you think that the mountain sides opposite the wind direction remain as rain shadow areas? Because;
    A. They receive high moisture instead of rainfall
    B. They are influenced by moist winds
    C. They are influenced by less moist winds
    D. They are influenced by strong winds
72. If you conduct geographic research, in which part of the research would you discuss the statistical techniques to be employed to process their findings?
    A. Research design C. Data collection and organization
    B. Data Analysis D. Research Hypothesis
73. Which seismic waves carry most of an earthquake's energy and cause the most destruction?
    A. P-waves B. S-waves C. Surface waves D. Body waves
74. Which of the following statements provides a **CORRECT** analytical distinction between a research method and research methodology?
    A. Research methodology guides to conduct scientific research
    B. Research method has a wider scope than research methodology
    C. Research methodology is limited to collecting and organizing data to solve problems
    D. Research method justifies the philosophical foundation of the research
75. Which of the following is a challenge to environmental sustainability?
    A. Use of renewable energy C. Environmental movements
    B. Slow growth of population D. Rapid urbanization

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76. The statement "developed nations benefit more from globalization than developing ones" is based on the fact that:
    A. Developing countries having more resources
    B. Developed nations selling more goods to the global South
    C. Developing countries having better technology
    D. Equal distribution of globalization benefits
77. When assessing regional disparities, what does the "**divergence hypothesis**" state regarding country-level economic inequality?
    A. Economic inequality between or within nations is systematically narrowing over time
    B. Economic inequality between or within nations is systematically widening over time
    C. All nations will inevitably develop economically at the exact same rate
    D. Global economic inequality follows completely unpredictable, random patterns
78. Which criticism of Malthusian and Neo-Malthusian theory is **NOT** true?
    A. Population growth and agricultural outputs have secondary effect
    B. Lower classes are viewed as a burden to society
    C. Food production increases more rapidly than population
    D. The theory blaming human reproduction
79. What is the main objective of environmental education?
    A. Training farmers to increase production
    B. Preparing people to wisely manage their surroundings
    C. Teaching the public about land use decision-making
    D. Educating people to implement shifting cultivation
80. Which of the following statements best explains the defining characteristics of the global Tundra region?
    A. It receives a long daily duration of sunlight in summer
    B. It is inhabited by people whose life style is advanced
    C. It has the highest daily range of temperature
    D. It is mostly located in the southern hemisphere

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81. Which major geological feature is directly formed through the tectonic convergence and subduction of two oceanic plates?

A. The Mariana volcanic feature
B. The Himalayas mountain
C. The East African rift valley
D. The San Andreas Fault

82. Which statement correctly shows the trend of world climate change?

A. Temperature has declined in temperate regions since the 1970s
B. Precipitation has increased globally since the 1980s
C. Average global temperature has increased over the past century
D. Global climate fluctuates at the same rate

83. What fundamental physical characteristic distinguishes chemical weathering from physical (mechanical) weathering?

A. It relies entirely on the forceful disintegration of rocks
B. It results only in changes to the rock's physical texture
C. It inherently involves the internal mineral dissolution and alteration of the rock
D. It only changes the surface color of the rock without altering its structure

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DIRECTION: QUESTIONS **84-88** ARE BASED ON THE DEMOGRAPHIC DATA OF A HYPOTHETICAL REGION GIVEN IN THE TABLE BELOW. THESE QUESTIONS SHOULD BE DONE **ONLY BY NON-BLIND CANDIDATES.**

Station	Description	Months of the Year											
		J	F	M	A	M	J	J	A	S	O	N	D
P	Tem (^oC)	30	29	24	25	24	22	20	20	29	30	27	30
	Rainfall (mm)	0	0	0	15	55	72	89	100	75	19	11	0
Q	Tem (^oC)	27	28	29	29	28	23	24	26	26	27	27	28
	Rainfall (mm)	26	51	102	152	254	483	279	76	127	203	56	32
R	Tem (^oC)	-12	-10	-8	-3	8	21	24	19	5	-5	-10	-16
	Rainfall (mm)	8	7	5	6	14	22	32	31	14	12	9	8
S	Tem (^oC)	27	27	27	27	28	28	29	28	27	27	27	27
	Rainfall (mm)	251	188	189	195	171	173	174	103	173	206	251	269

84. Based on the climatic data table, what is the annual temperature range for Station **"R"**?

A. 40^0C B. 35^0C C. 8^0C D. 26^0C

85. Based on the provided climatic data, which station exhibits the wettest conditions?

A. “P” B. “Q C. “R” D. “S”

86. Which of the following station exhibits the highest annual range of temperature?

A. “S” B. “R” C. “Q” D. “P”

87. Based on the climatic data, which ecosystem is most likely represented by Station **"S"**?

A. Tropical desert areas C. Mediterranean region

B. Tundra region D. Equatorial rainforest region

88. Assuming Station **"P"** is located north of the equator, when does it most likely receive maximum rainfall?

A. December, January, February C. September, October, November

B. June, July, August D. March, April, May

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QUESTIONS **89-93** ARE BASED ON THE DEMOGRAPHIC DATA OF A HYPOTHETICAL REGION GIVEN IN THE TABLE BELOW. THESE QUESTIONS SHOULD BE DONE ONLY BY **NON-BLIND STUDENTS**.

Total population	12,000,000
Number of males	6.5 million
Number of women between 15-49 years	1/3 of the total population
Number of births	600,000
Number of deaths	120,000
Death of children under 1 year	60,000
Number of immigrants	164,000
Number of Emigrants	200,000
Total land area	120,000 km^2
Cultivated land	85% of the total land area

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89. Based on the demographic data table, what is the Infant Mortality Rate **(IMR)** of the country?

A. 90 per 1000 live births C. 10 per 1000 live births

B. 100 per 1000 live births D. 120 per 1000 live births

90. What is the General Fertility Rate **(GFR)** of the country?

A. 50 per 1000 Women C. 100 per 1000 Women

B. 150/ per 1000 Women D. 200 per 1000 Women

91. What is the Sex Ratio (males per 100 females) of the country based on the demographic data?

A. 84.6% B. 118.2% C. 100% D. 130%

92. What is the crude population density (arithmetic density) of the country?

A. 87 persons per km^2 C. 112 persons per km^2

B. 100 persons per km^2 D. 120 persons per km^2

93. What key implication can be drawn from the given demographic data?

A. The majority of the population lives in the urban area

B. The country receives more immigrants than emigrants

C. The number of females exceeds the number of males

D. The majority of the population depends upon agricultural activity

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DIRECTION: QUESTIONS **94-100** ARE BASED ON THE ATTACHED MAP. THESE QUESTIONS SHOULD BE DONE ONLY BY **NON-BLIND CANDIDATES**.

94. What is the areal scale of the map provided?

A. 1cm to 5cm C. $1cm^2$ to $25km^2$

B. 2cm to $25km^2$ D. $1cm^2$ to $0.5km^2$

95. What is the vertical interval used on this topographic map?

A. 50 B. 20 C. 10 D. 100

96. What type of drainage patterns is indicated on the map?

A. Radial drainage pattern C. Centripetal drainage pattern

B. Dendritic drainage pattern D. Trellis drainage pattern

97. If the distance between point **D** and **E** on the map is **10cm**, what is the actual ground distance between these points?

A. 50km B. 240km C. 60km D. 1200km

98. Which of the following land features is represented by letter **'C'** on the map?

A. Saddle B. Valley C. Depression D. Hill

99. What type of contour line is represented by the letter **'G'** on the map?

A. Intermediate contour C. Regular contour

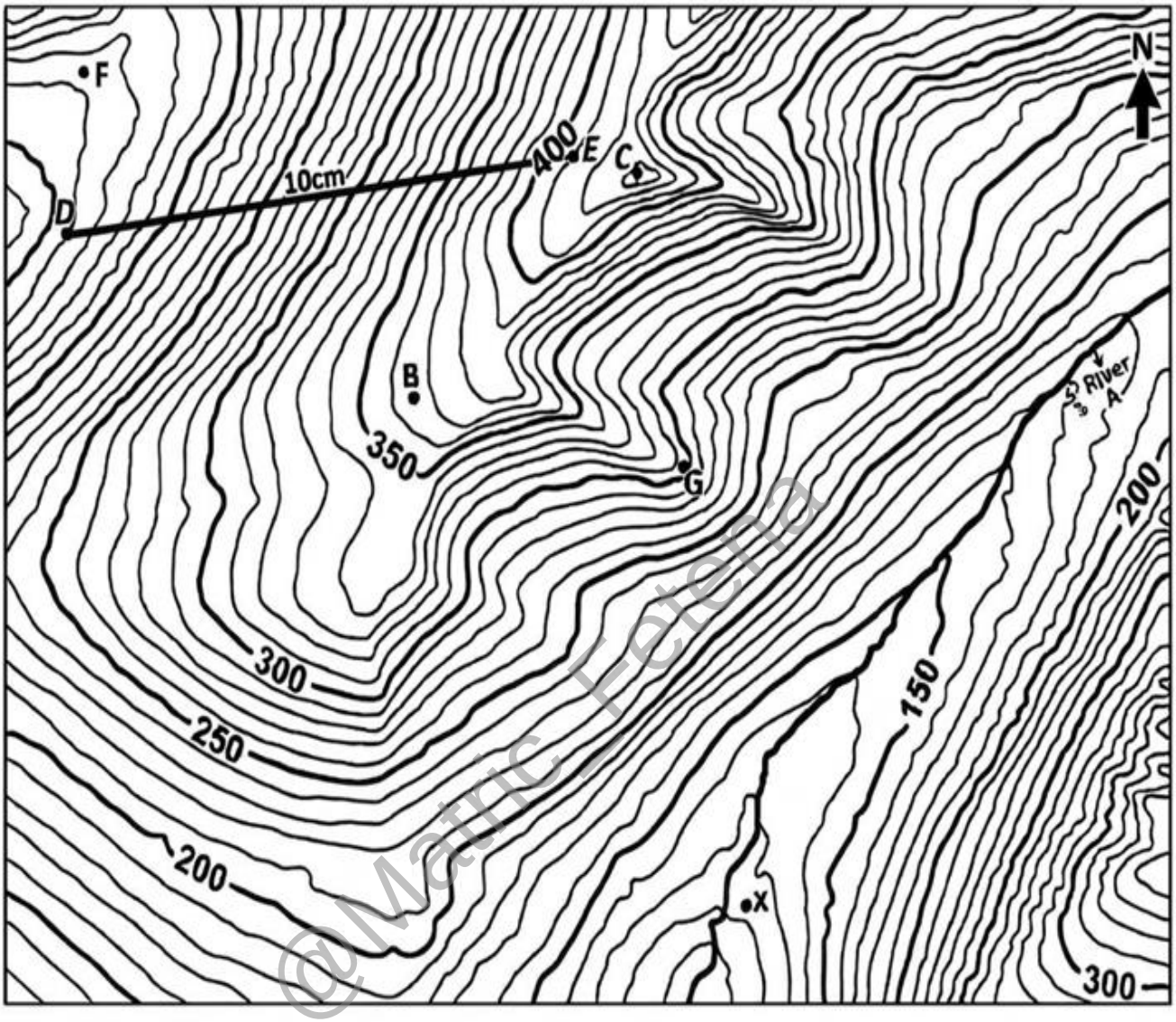
B. Supplementary contour D. Index contour

100. According to Ethiopian traditional agro-climatic classification, the area shown on the map is most likely located in which zone?

A. Bereha B. Dega C. Qolla D. Woina dega

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Scale: 1:500,000

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DIRECTION: QUESTIONS **101-115** SHOULD REPLACE THE CLIMATE, POPULATION AND MAP READING PARTS, MUST BE DONE **ONLY BY VISUALLY IMPAIRED 0R BLIND CANDIDATES.**

101. Geographically, which neighboring country currently shares the longest physical land border with Ethiopia?

A. South Sudan B. Djibouti C. Eritrea D. Somalia

102. What is the most important natural factor responsible for drought in Africa?

A. Deforestation C. Urbanization

B. El Nino and La Nina effect D. Industrialization

103. Among the following, which one is an indirect use of natural vegetation? It serves as a

A. Source of food C. Source of construction materials

B. Source of fuel wood D. Home of wild animals

104. According to Alfred Weber's foundational "**Least-Cost Location Theory**" for industrial placement, what was identified as the most critical factor?

A. Transportation costs C. Labor costs

B. Agglomeration economies D. Raw material costs

105. Majority of university graduate students could not get a job opportunity, as the economy fails to hire, these is an example of?

A. Underemployment C. Partial employment

B. Voluntarily unemployment D. Involuntarily unemployment

106. Which of the following is **NOT** among the principal measures for maintaining food security?

A. Employment creation programs C. Supplementary feeding programs

B. Price destabilization D. General food distributions

107. Where and when was the landmark First United Nations Conference on Environment and Development (UNCED), often called the Earth Summit, held?

A. Rio de Janeiro, Brazil (1992) C. Paris, France (2015)

B. Stockholm, Sweden (1972) D. Johannesburg, South Africa (2002)

108. Which of the following atmospheric pressure belts distinctly characterizes the low equatorial latitudes of the Earth?

A. Sub-tropical B. Horse latitude C. Sub-polar D. Doldrums

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109. What is the concept of a research approach?
   A. A process of collecting data
   B. A method of conducting research
   C. A way of addressing a given research problem
   D. A technique of specifying research topics

110. Geographically, which of the following continents has territorial landmass situated in all four distinct global hemispheres??
   A. Africa B. Asia C. South Africa D. Australia

111. Which of the following is **NOT** a typical impact of land degradation and desertification?
   A. Loss of the biological diversity C. Expansion of invasive species
   B. Emission of greenhouse gases D. Loss of land by armed conflict

112. What raised landform serves as a source of streams and separates one river basin from another?
   A. Drainage basin B. Confluence C. Drainage pattern D. Watershed

113. Among the external forces which agent of erosion is more powerful in shaping the surface of the earth?
   A. Wind B. Under ground water C. Glacier D. Running water

114. Which of the following is **NOT** one of the overall goals of the "**Green Legacy**" movement?
   A. To curb the effects of climate change and deforestation
   B. To intensify climate smart agriculture
   C. To decrease food security
   D. To build climate resilient green economy

115. Which one of the following energy sources is categorized as renewable energy?
   A. Natural gases B. Petroleum C. Geothermal energy D. Oil

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THE END !

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