

ADDIS ABABA CITY GOVERNMENT

ADDIS KETEMA SUBCITY EDUCATION BUREAU

SECOND SEMESTER GRADE 12 GEOGRAPHY MODEL EXAMINATION

NUMBER OF QUESTIONS: 115

TIME ALLOWED: 2 HOURS

GENERAL DIRECTIONS

THIS BOOKLET CONTAINS GEOGRAPHY EXAMINATION. IN THIS EXAMINATION, THERE ARE A TOTAL OF 115 MULTIPLE CHOICE QUESTIONS. CAREFULLY SELECT THE BEST ANSWER AND BLACKEN ONLY THE LETTER OF YOUR CHOICE ON THE SEPARATE ANSWER SHEET PROVIDED. FOLLOW THE INSTRUCTIONS ON THE ANSWER SHEET AND THE EXAMINATION PAPER CAREFULLY. USE ONLY PENCIL TO MARK YOUR ANSWERS. YOUR ANSWER MARK SHOULD BE HEAVY AND DARK, COVERING THE ANSWER SPACE COMPLETELY. PLEASE ERASE ALL UNNECESSARY MARKS COMPLETELY FROM YOUR ANSWER SHEET.

YOU ARE ALLOWED TO WORK ON THE EXAM FOR 2 HOURS. WHEN TIME IS CALLED, YOU MUST IMMEDIATELY STOP WORKING, PUT YOUR PENCIL DOWN, AND WAIT FOR FURTHER INSTRUCTIONS.

ANY FORM OF CHEATING OR AN ATTEMPT TO CHEAT IN THE EXAMINATION 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.

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1. Which one of the branch of geography is mainly concerned with location, causes and effects of ocean currents, waves and tides?
A. Biogeography B. Oceanography C. Climatology D. Geomorphology
2. Which one of the following scale is categorize for a large scale map?
A. 1: 500,000 B. 1: 250,000 C. 1: 40,000 D. 1: 75,000
3. Which one of the following identifies the bending of land surface due to an internal force?
A. Folding B. Earthquake C. Faulting D. Volcanism
4. One of the following land features is associated with an internal force of faulting?
A. Rift valley B. Fold mountain C. Crater Lake D. Volcanic mountain
5. A narrow ridge of alluvial soil deposit found along the bank of a river is known as
A. Meanders B. Delta C. Levee D. Ox – bow lake
6. Which layer of the atmosphere is known by containing the large amount of atmospheric mass?
A. Stratosphere B. Thermosphere C. Mesosphere D. Troposphere
7. Ambo and Awash towns are located at about 9°N latitude. Their height and annual average temperature is 2130 meter and 18°C and 916 meter and 25°C respectively. Which one of the following is more responsible for their temperature difference?
A. Season B. Latitude C. Longitude D. Altitude
8. What differentiates the monsoon winds from the other types of wind?
A. They originate from polar areas C. They are formed by seasonal variation
B. They cover wide geographical areas D. They affect local area
9. Which one of the following sub – region distinguish the tropical zone?
A. Mediterranean region B. Polar region C. Tropical region D. Tundra region

10. Which one of the following highland of Ethiopia explains the Wollega, Illubabor and Keffa?

- A. Northern highlands
- B. Southern highlands
- C. South western highlands
- D. Western lowlands

11. From the given major natural regions of the world which one has distinct summer and winter type of climate?

- A. Cold zone
- B. Tropical zone
- C. Frigid Zone
- D. Temperate zone

12. Which one identify the Mediterranean region?

- A. Marquis vegetation
- B. Coniferous tree
- C. Tundra vegetation
- D. Cactus plant

13. What makes the tundra region different from that of polar ice caps?

- A. Polar ice caps found both north and south
- B. Tundra has two distinct seasons
- C. Tundra are generally characterized by negative temperature
- D. Polar ice cap plant growth is impossible

14. Which change is mainly brought due to the development of transport and communication technology?

- A. Increase the cost of production
- B. Challenges on expansion of skill
- C. Globalization
- D. De – vilagization

15. Why are some regions of the world more densely populated than others?

- A. Existence of tropical disease
- B. Availability of infertile soil
- C. Presence of a favorable climate
- D. Existence of rugged topography

16. What kind of economic activity involves the production of construction and power?

- A. Quinary
- B. Secondary
- C. Quaternary
- D. Tertiary

17. Which one of the following is explain the characteristics of manufacturing activities?

- A. Dependence of raw materials
- B. Change of raw materials in to finished goods
- C. Exchange of end product
- D. All

18. Which one the following differentiate driving force that change land use systems?

- A. Environmental condition
- B. The same economic activities
- C. Land conservation
- D. None

19. Which of the following main contributions the direct use of natural vegetation?

- A. Maintaining soil fertility
- B. Regulating global climate
- C. Keeping the balance of nature
- D. Serving as sources of food

20. Which one of the following is considered as a social impact of HIV/ AIDS in Ethiopia?

- A. family breaks up
- B. Dependency
- C. Affects the labor force
- D. Stress

21. one of the following economic policies of Ethiopia is not realized the contribution of development

- A. To improve country's developing economic condition
- B. To stimulate and develop the scale of industries
- C. To modernize the mining sector of the country
- D. To maximize the dependency on agriculture

22. Why is the Koppen system of climate classification is frequently used than ancient Greeks classification?

- A. The Koppen classification used the distribution of moisture
- B. The Koppen classification used temperate and sunshine
- C. Considers the average of temperate and precipitation
- D. Considers the climate region of latitudinal lines

23. Among the following which one do you know a human made cause express global climate changes?

- A. Continental drifts B. Volcanoes C. Greenhouse effect D. Ocean current

24. In which continent the smallest number of population in the world?

- A. Asia B. Oceania C. Europe D. Latin America

25. From the following alternative of economic systems of countries of the world is involved

- A. Mixed economy C. Free market economy
- B. Command economy D. Traditional economy

26. Which one of the following is correct about geological time and major events?

- A. Paleozoic era → denudation and pen planation
- B. Precambrian era → recent volcanic mountain
- C. Mesozoic era → igneous rock
- D. Cenozoic era → sedimentary rocks

27. In Ethiopia which of the following months represent summer rainfall in many parts of the country?

- A. September, October, November C. June, July, August
- B. March, April, May D. December, January, February

28. Which type of rock differs from others because of layers formed by transported and deposited substances?

- A. Sedimentary B. Igneous C. Metamorphic D. volcanic

29. In which layer of the earth relatively cold temperature is found?

- A. Inner core C. Crust
B. Mantle D. Core

30. Which one of the following statement analyzes the population structure of Ethiopia?

- A. Young age population is smaller than elder
B. Economically low dependent population
C. High economically dependent population
D. More than 60% of economical active population

31. Among the population pyramids developed and developing countries which statement is false?

- A. The pyramid has wider base for developed countries
B. The pyramid has narrow top for developing countries
C. The pyramid with large number of children for developing countries
D. A pyramid with wider top for developed countries

32. Identify the correct order of the climate zones of Ethiopia from coldest to hottest temperature

- A. Bereha → Kolla → Woina dega → Dega → worch
B. Worch → Dega → Kolla → Woina dega → Bereha
C. Worch → Dega → Woina dega → Kolla → Bereha
D. Dega → Woina dega → Worch → Kolla → Bereha

33. Which one of the following main factor that affects the soil in ecosystem?

- A. Precipitation B. Temperature C. Elevation D. Climate

34. One of the following describe components of population change is decreasing world population biologically

- A. Immigration B. Fertility C. Migration D. Mortality

35. A map with a scale of 1: 100,000 reduced two times, what will be the scale of the new map?

- A. 1; 200,000 B. 1; 50,000 C. 1: 150,000 D. 1: 300,000

36. Which one of the following are not the properties of contour lines?

- A. Contour lines are imaginary broken lines
B. Contour lines are drawn at fixed vertical interval
C. Contour lines never branch
D. Contour lines join all points of the same altitude

37. Which one of the following methods describe in modern way showing relief on maps?

- A. Hill shading B. Physiography diagrams C. Contour lines D. Form line

38. One of the following can be considered as advantage of globalization for the developing countries?

- A. The removal of tariff restriction
B. Decreasing of direct foreign investment
C. Increase local consumption of domestic product
D. Maintained equality between nations

39. A geographic information system has mostly been used in

- A. land use planning C. Wild animals counting
B. Air pollution measurement D. water quality testing

40. Which one of the following era is correctly matched with geological event that took place in the Africa?

- A. Precambrian era → jelly fish
- B. Paleozoic era → existence of dines
- C. Mesozoic era → sedimentary deposition
- D. Cenozoic era → Adigrat Sandston

41. Which one of the following identify major controls of climate is responsible for the interior part of Africa?

- A. Angle of the sun
- B. Latitude
- C. Distance from the sea
- D. Cloud covers

42. The philosophy of environment determinism differs from environmental possibilism in that the later focus more one?

- A. The two way relationship between humans and their environment
- B. Application of statistical techniques
- C. Study of the distribution of environmental resource
- D. Use geographic knowledge to solve contemporary problems

43. The death rate in Africa has been decreasing after the Second World War because of

- A. Discovery of medicines for tropical disease
- B. Major improvement of quality of life
- C. Decline in civil wars and conflict
- D. Per capital income is high

44. Which one of the following statement about the tropical rainforest of Africa is incorrect?

- A. They are confined to central and western Africa
- B. They largely consists of hardwood trees
- C. They develop in areas with high temperate and high rainfall
- D. They are also known as savanna grasslands

45. Which of the following drainage system of Africa has a longer main river basin?

- A. Inland drainage system
- B. Mediterranean drainage system
- C. Atlantic drainage system
- D. Indian drainage system

46. Which one of the following various species of wild animals in the desert and semi – desert areas?

- A. Fox, wild ass and lizards
- B. Monkey, aps and baboon
- C. Zebra, lion and elephant
- D. Flamingo, ostrich

47. What types of migration when involves the movement of people leave their original residence for short period of time?

- A. Permanent migration
- B. Temporary migration
- C. Resettlement migration
- D. Trans human migration

48. Which one of the following describes the region of Africa?

- A. Eastern Africa is the smallest in terms of size
- B. Western Africa has the highest urban population
- C. Northern Africa has large number of countries
- D. Central Africa is the most sparsely density

49. How do you analyze the hydro politics of the Nile river?

- A. Historically, Nile basin countries utilize equally
- B. White Nile is the largest supplies of water
- C. Upper course countries are the beneficiary
- D. Lower course countries are work together with upper course countries

50. _____ refers to a river of one basin will run over the drainage basin of another river?

- A. River capture B. Pirate stream C. Wind gap D. Elbow capture

51. Which indicator best describe the difference between fertility and mortality?

- A. Doubling time C. Natural growth
- B. Population growth D. Total migration

52. In highlands of Africa running water erosion is the most serious problem, which one of the following is conservation measure is best method?

- A. Windbreaks B. Crop rotation C. Terracing D. Fallowing

53. Which one of the following physical factor influence of population settlement?

- A. Economic condition C. Cultural difference
- B. Political situation D. Distribution of minerals

54. Which one of the following types of settlement is short length rout for different vehicles and railways?

- A. Nucleated settlement C. Dispersed settlement
- B. Ribbon settlement D. Linear settlement

55. What are consequences of drought caused by unwise use of natural resource?

- A. Displacement and death of people C. Increase biodiversity of a place
- B. Many tourists visit the region D. All are correct

56. Which one of the following major problems for the development of Africa countries?

- A. Political instability
- B. Lack of good governance
- C. Lack of capital, skilled man power and technology
- D. Widely spread of corruption

57. According to the 2009 world population data, the Africa's population has been growing 204% per year this implies that

- A. Population has been growing slowly
- B. Population of Africa increase rapidly
- C. Less challenge for economic growth
- D. Future of the Africa seems to be promising

58. Which of the following organization of Africa has multi-purpose to promote peace, unity and cooperation in the continent?

- A. ECOWAS
- B. AU
- C. IGAD
- D. COMESA

59. Among the most common mining extraction of methods in Africa, which method is excavation of sand, gravel or silt?

- A. Placer mining
- B. Strip mining
- C. Quarrying mining
- D. None of the above

60. Among the following soil conservation methods, which one is more appropriate method for desert areas?

- A. Contour plowing
- B. Strip cultivation
- C. Check dams
- D. Shelter belt plantation

61. The founder of the concept of continental drift theory Wegener was

- A. France meteorologist
- B. German meteorologist
- C. Britain meteorologist
- D. American meteorologist

62. Which one of the following plate boundary is destructive?

- A. convergent boundary
- B. divergent boundary
- C. transform boundary
- D. conservative boundary

63. Block Mountain is formed by faulting when

- A. The land b/n two parallel faults is pushed downward
- B. Two parallel faults are moved to each other
- C. The land b/n two parallel faults is pushed upward
- D. A and C are correct

64. which sentences is true about surface waves

- A. The most powerful shake wave
- B. Travel move slowly than body wave
- C. Responsible for much of the destructive shaking
- D. all are correct

65. Outside the ring of fire which area accounts for most of the world's earth quake?

- A. Mediterranean African belt
- B. Mediterranean European belt
- C. Mediterranean American belt
- D. Mediterranean Asian belt

66. The process that describes weathered material moving to a new location is

- A. Erosion
- B. Carbonation
- C. deposition
- D. weathering

67. The rising global temperature leads to

- A. stronger hurricanes
- B. melting glaciers
- C. loss of wild life habitats
- D. all are answer

68. By which human being cannot change climate

- A. earth's surface
- B. composition of atmosphere
- C. incoming solar radiation
- D. all

69. The sunspot appear dark b/c their temperature is

- A. Higher than the surrounding area
- B. Equal with the surrounding area
- C. lower than the surrounding area
- D. Constant all the time

70. Which criteria is used for classification of adaptation?

- A. Goal
- B. Timing
- C. Motive of is implementation
- D. all

71. The second world clement conference met in _____

- A. Switzerland
- B. Swaziland
- C. Sweden
- D. Syria

72. The global total of greenhouse gas emission actually increased by more than 25% from

- A. 1990 to 2012
- B. 1900 to 2012
- C. 1990 to 2020
- D. 1901 to 2012

73. The cutting down on the emission of greenhouse gases resulted in

- A. diminish haze
- B. reduce acid rain
- C. reduce global warming
- D. all

74. Which one is not interdependent and mutually reinforcing pillar of sustainable development?

- A. economic development
- B. social development
- C. environmental sustainability
- D. none of the above

75. Which one is a characteristic of renewable resources?

- A. they are flow resources
- B. they regenerate themselves
- C. they comprise all biotic and most at non-biotic resources
- D. all

76. When different groups in a society face unequal resource access the scarcity occurred is ____

- A. structural scarcity
- C. demand induced scarcity
- B. supply-induced scarcity
- D. all

77. Among the five resource governance principle which principle states community based and collaborative approach as a solution?

- A. Second principle
- C. fourth principle
- B. Fifth principle
- D. third principle

78. What is generally considered to be a measure of deficiency of the basic needs of a person threshold or community?

- A. corruption
- C. poverty
- B. pollution
- D. globalization

79. Thomas Robert Malthus was

- A. conservative man
- C. demographer
- B. economist
- D. all

80. To study the relationship between population growth and food production Malthus used_____ approach

- A. empirical
- C. deductive
- B. simplified
- D. conductive

81. Ester Boserup's idea is based on the field study in _____

- A. south east Asia
- C. central Asia
- B. north east Asia
- D. south west Asia

82. As Julian Simon's believes shortage of food and famines are caused by

- A. Social
- B. Political
- C. Cultural
- D. environmental

83. Which one is not economic factor of economic development?

- A. Technology
- C. Labor force
- B. Natural resource
- D. Capital expenditure

84. Treating disease which has already occurred in the population is the core idea of _____

- A. Clinical intervention model
- B. Environmental stewardship model
- C. Public health intervention model
- D. Political intervention model

85. All are indicators of social development except

- A. Growth rate of different sector of economy
- B. Female and male literacy rate
- C. Enrollment ration of girls to boys
- D. Percentage of population living below poverty line

86. Concerning the relationship between conflict and poverty all the following are correct except

- A. Conflict causes poverty
- B. Resource wealth causes conflict
- C. Poverty causes conflict
- D. None

87. Which one of the following is demerit of globalization?

- A. Increasing free trade
- B. Limiting cultural expression
- C. Eradicating cultural barriers
- D. Reducing of war

88. The idea that less developed countries regions should be expected to grow faster than more developed one stated by

- A. Divergence hypotheses
- C. Economic inequality
- B. Convergence hypotheses
- D. Trade inequality

89. One of the following types of corruption is the most familiar among corruption processes

- A. Patronage
- B. Bribery
- C. Nepotism
- D. All

90. Which one of the following remedial measures must set a good example with respect to honesty to fight levels of corruption?

- A. Leadership
- C. Oversight bodies
- B. Credibility
- D. Improving institution

91. Among the following the current global pandemic disease first identified in 1951, AIDS was first observed in _____

- A. South America
- B. Africa
- C. North America
- D. Asia

The following questions (92 – 100) one population and seven map based questions on attached map. Should be attempted by NON-BLINED students only.

Information

- Assume that population of Ethiopia currently is about 120 million and its rural population accounts for about 85% of the total. The agriculture land of Ethiopia is 34% of the total land area, which is 1,106,000, hectares. On the basis of this information answer the following question.

92. How much would be average crude population density and agricultural density of the country respectively?

- A. about 80 and 105 persons per hector
- C. about 100 and 55 persons per hectare
- B. about 108 and 271 persons per hector
- D. About 95 and 200 persons per hectare

93. Which one of the following types of marginal information represented on the map?

- A. Title B. Direction C. Publisher D. Legend / key

94. The area of the cultivated land is

- A. 44km^2 B. 16km^2 C. 8km^2 D. 24km^2

95. The direction of cultivated land from the town C would be

- A. Northeast B. North C. Southwest D. East

96. What types of slope indicated between point G and H?

- A. Step slope B. Concave slope C. Convex slope D. Terraced slope

97. What is the international grid reference of point F?

- A. $7^{\circ} 39'0''$ and $37^{\circ} 10' 30''$ W B. $6^{\circ} 00' 00''$ S and $47^{\circ}00'00''$ E
C. $37^{\circ} 10' 30''$ W and $7^{\circ} 39'0''$ N D. $37^{\circ}21'0''$ E and $7^{\circ}28'30''$

98. Calculate the field (actual) distance between town C and cultivated land assume town C is 1950m and cultivated land is 1700m,

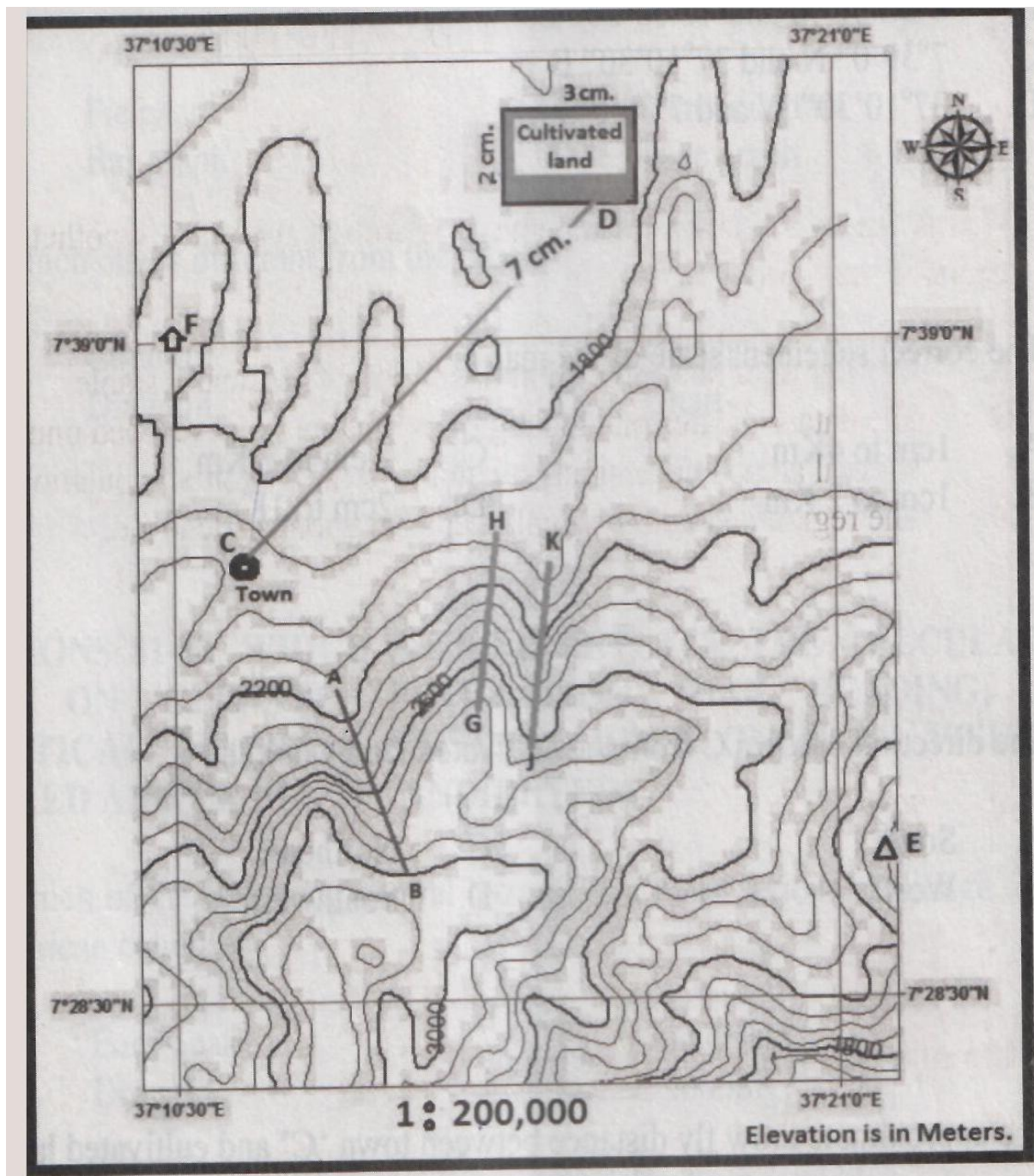
- A. 8 km B. 6 km C. 10 km D. 14 km

99. Which one of the following land scape is inter visible area?

- A. Between town C and cultivated land
B. Between point K and town C
C. Between point G and H
D. Between point A and point B

100. A types of contour lines that falling between the index contour lines are

- A. Index contour C. Intermediate contour
B. Supplementary contour D. Contour interval



Question 101 – 115 should be attempted by Not sighted (Blind) candidates only

101. COVID – 19 virus to be pandemic declared by the world Health organization on _____

A. March 11, 2020

C. March 11, 2019

B. March 11, 2021

D. March 11, 2022

102. All are environmental problem except

- A. land degradation
- B. water pollution
- C. Soil conservation
- D. soil contamination

103. Environmental education is characterized by

- A. interdisciplinary
- B. lifelong learning
- C. proven strategy
- D. all

104. According to Dark Green environmentalist the solution for sustainability is

- A. radical economic change
- B. cultural change
- C. radical political change
- D. economic growth

105. The traditional belief system that helps the Gumuz people to control their environment as their communal property is _____

- A. Yamba
- B. Paleta
- C. Macca
- D. Gumm

106. Concerning the dry land all are true except

- A. Home to 3 billion people
- B. cover about 46.2% of the global land area
- C have increased intensity of desertification
- D. none

107. All of the following characterize dry land of the world except

- A. lack of water for consumption
- B. large variation b/n day and night temperature
- C. soil that is poor in organic matter
- D. soil that is high in organic matter

108. The reduction in water resources in stream flows and groundwater below a specified level for a given period of time is

- A. meteorological drought
- B. agricultural drought
- C. Normal drought
- D. hydrological drought

109. the most recent famine to occur in Western Europe during the winter of 1944 was in -----

- A. Sweden B. Netherlands C. Germany D. France

110. One of the following component used to define research except

- A. an in quirt to obtain dependable are useful information
B. scientific approach to study a problem
C. systematic and objective search for reliable knowledge
D. none of the above

112. The general way of treating a certain research problem is referred to as _____

- A. research title C. Research question
B. Research objective D. Research approach

113. Quantitative research approach include the following except

- A. Quasi experimental C. Case study
B. Narrative research D. Action research

114. A way of systematically solving the research problem is _____

- A. Research methodology C. Research approach
B. Research method D. Researcher

115. All of the following are source of research problem except

- A. Professional experience of the researcher
B. inference from theory
C. Technical and social change
D. All

