

Ethiopian University Entrance Examination (EUEE)

Geography

Ginbot 2011/ June 2019

BOOKLET CODE: 38

SUBJECT CODE: 07

Number of items: 100

Time Allowed: 2 hours

DIRECTIONS: Each of the following questions is followed by four possible alternative answers. Read each question carefully and **blacken** the letter of your best choice on the separate answer sheet provided.

1. Countries of the Horn of Africa lie in the GMT+3 time zone to their
 - A/ Geological location
 - B/ Vicinal location
 - C/ Absolute location
 - D/ Relative location

C/ G-12 pp.63 Due to Absolute location Ethiopia lie in the GMT +3 time zone.

2. Where is Mount Batu found?
 - A/ Hararghe plateau
 - B/ Arsi plateau
 - C/ Shewana plateau
 - D/ Bale massifs

B/ G-12 PP. 87 the bale massif dominated by Mt. Batu & Mt. Tulu dimitu

3. Gibra /Lobelia rhynchochetum/ and Asta /Erica arborea/ are example of
 - A/ Woodland
 - B/ Afro-alpine vegetation
 - C/ Steppe vegetation
 - D/ Savanna vegetation

B/ G-12 PP.125 The dominant plants in veg. Afro- Alpine veg. of Ethiopia are Gibra& Asta

4. The relative proportion of male and female population is expressed by:

A/ Dependency
 B/ Economic ratio
 C/ Age structure
 D/ sex structure

D/ PP, 166&167 sex structure of population is the ratio of male to female popⁿ

5. What distinguishes an urban settlement from a rural settlement

A/ population size of the settlement
 B/ Main occupation of the population
 C/ physical size of the settlement
 D/ physical infrastructure

D/ G-12 PP180 most urban settlement of Ethiopia have developed along major transport routes.

6. Which one of the following is correct about vertical exaggeration in maps?

A/ the degree of vertical exaggeration depends on the scale of the map
 B/ Vertical exaggeration minimize distortion in maps
 C/ Vertical exaggeration cause the slope of a hillside to look gentler than it really is
 D/ Vertical exaggeration occurs when a vertical scale is smaller than a horizontal scale

D/

7. Which one of the following is correct about drainage patterns?

A/ A trellise drainage pattern usually develops in areas of flat sedimentary deposits
 B/ A rectangular drainage pattern is found in areas where rivers flow towards a central basin
 C/ A radial drainage pattern typically develops on the slopes of a volcanic cone
 D/ Tectonic forces lead to the formation of a dendritic drainage pattern

C/ G-11 PP 64 Radial arrange patterns occur where rivers flow in all direction away from raised feature the raised feature may be volcano

8. refers to a place where a river divides the headwater of its victim river

A/ Base level
B/ Wind gap
C/ Elbow of capture
D/ incision

B/ G-11 PP 65

9. Which one of the following does **NOT** influence the development of road transport networks?

A/ Language diversity
B/ Topography
C/ Technological development
D/ Land use and settlement patterns

A/

10. Geographic Information System /GIS/ can be applied to all of the following **EXCEPT** one

A/ the analysis of urban growth and expansion
B/ The management of transport and logistical problems
C/ Building construction sites
D/ Environment and natural resource management

D/

11. What is the concern of temporal perspective in Geographical studies?

A/ Where and why are phenomena located
B/ How phenomena are related to one another
C/ what phenomena are found where
D/ the chronological pattern of phenomena

D/

12. represents the Earth's life sphere.

A/ the ionosphere
B/ the troposphere
C/ the biosphere
D/ the anthroposphere

C/ G-11 PP7 Biosphere is the part of the earth that supports all sorts of life

13. In topographic map , a cliff is best represented by

- A/ Overlapping contours
- B/ widely spaced contour line ‘
- C/ Closely spaced contour line
- D/ Contour lines that cross each other

A/

14. Which one of the following is **NOT** correct about contour lines?

- A/ Contour lines are used to show the relief of an area
- B/ Closely spaced contour lines represent a gentle slope
- C/ Contour lines are generated from spot heights
- D/ All point on a given contour line are of the same elevation

B/ G-11 PP26 closely contour lines indicate steep slope while widely spaced contour lines indicates gentle slope

15. In which part of a river course is the presence of waterfalls, rapids and cataracts observed?

- A/ Lower course
- B/ Middle course
- C/ Upper course
- D/ In the river delta

C/ G-11 PP 68 water falls rapids & cataracts are observed on the upper course

16. Which one of the following hierarchy of settlements is correct according to ascending population size?

- A/ Village – hamlet – town- city – metropolis
- B/ Village – town- hamlet – city – metropolis
- C/ Hamlet – village – town – city – metropolis
- D/ Metropolis – town – city- village – hamlet

C/ G-11 PP 73 when we move up wards or ascending popⁿ size the hierarchy of settlement is Hamelet- village town –city- metropolis

17. Which one of the following characterizes the African population?

- A/ High rate of natural increase
- B/ High life expectancy at birth
- C/ Low infant mortality rate
- D/ Low dependency ratio

A/

18. What is the most likely cause for low level of economic development in many African countries?

- A/ Poor natural resource endowment
- B/ High population pressure
- C/ Political instability and poor governance
- D/ High mean annual temperature

C/ G-11 PP 233-234 political instability poor governance are the most likely causes for the low level of economic development on many Africa countries

19. The techniques and procedures used to undertake research is termed as:

- A/ Research methods
- B/ Research methodology
- C/ Research approach
- D/ Research project

A/ G-12 PP 11 a Research method or technique is skill that uses different steps

20. Which map types use lines of equal value to show areas with continuous distribution?

- A/ Sketch maps
- B/ Flow maps
- C/ Choropleth maps
- D/ Isopleth maps

B/

21. is a soil conservation method that involve the covering of the soil with plant residues to conservation soil moisture and regain soil fertility .

- A/ Crop rotation

- B/ Fallowing
- C/ Mulching
- D/ Green manure

C/ G-11 PP 182 mulching is covering the soil with plant residue to let the soil regain

22. Which one of the following is correct about the population of Africa?

- A/ Africa is the most populous continent in the world
- B/ North Africa is the most densely populated regions of Africa
- C/ The Africa population is characterized by long doubling time
- D/ The rate of population growth in Africa is the fastest in the world

D/ G-11 PP 192-193 the population growth rate of Africa is the fastest in the world.

23. Which one of the following is among the main reasons for the high death rate of the Africa population?

- A/ Malnutrition
- B/ Low level of poverty
- C/ Improved health services
- D/ Widespread use of contraceptives

B/

24. Which indicator best describes the difference between immigration and emigration?

- A/ Rate of migration
- B/ Net migration
- C/ Gross migration
- D/ Total migration

B/ G-12 PPT-181 The balance between immigration & emigration which is known as net migration

25. Which one of the following better describes the difference between economic growth and economic development?

- A/ Economic growth is an indicator of structural and technological change
- B/ Economic development is one aspect of economic growth
- C/ Economic growth is a measure of the amount goods and services produced
- D/ Economic growth measures the welfare of society

C/ G-11 PP 220-221 Economic growth is measure of the value of output of good & service, Economic growth is measure of the welfare of human Bings

26. is an indicator of development which describes the total value of good and services produced in a country in a specific period of time.

- A/ Gross Nation product
- B/ Gross Nation income
- C/ Percapita income
- D/ Gross Domestic product

D/ G-11 PP 226 GDP /Gross domestic product refers to total value of good & service produced on country over period of time

27. Which of the following corre226ct about sampling?

- A/ Non- probability sampling provides equal chance for every item of the population
- B/ The sample size of a homogenous population should larger than a heterogeneous population
- C/ Large sample size provides more representation of the population
- D/ Sample size has no much effect on the results of the research

C/ G-12 PP 17 Large sample size provides more representation of popⁿ in sampling

28. Which one of the following map projections causes low level of distortion in representing the equatorial region?

- A/ Conical projection
- B/ Cylindrical projection
- C/ Zenithal projection
- D/ planar projection

B/ G-12 PP 49 Cylindrical projection are best suited for the projection of equatorial region since distortion increase pole wards from equator.

29. Ethiopia shares the longest and shortest boundary with And Respectively.

- A/ Eritrea and Somalia
- B/ Somalia and Djibouti
- C/ Sudan and Djibouti
- D/ Djibouti and Sudan

C/ G-12 PP 67 Ethiopia shares the largest & shortest boundary with Sudan & Djibouti

30. Which of the following is correct about the geologic history of the Horn of Africa?

- A/ The Geologic event of the Tertiary period resulted in the outpouring of huge quantities of basaltic lava
- B/ The thickness and age of Adigrat sandstone progressively increases from the southeast to the northwest
- C/ The Paleozoic era is known for the predominance of reptiles
- D/ most of the sedimentary rocks in the Horn of Africa were formed during the Precambrian era

A/ G-12 PP 76 The geologic event took of Tertiary period resulted in the pouring out of extensive basaltic lava.

31. Which one of the following is **NOT** among the domains of Geographic information System /GIS/ ?

- A/ Data discussion
- B/ Data manipulation
- C/ Data storage and management
- D/ Data analysis and presentation

A/

32. The straight of Bab-el Mandeb connects Africa with

- A/ Europe
- B/ India
- C/ Asia
- D/ South America

C/ G-11 PP 104 with relation to Asia Africa comes closes across the straight of babel mandeb.

33. Which major geological event took place in Africa during the Paleozoic era?

- A/ Denudation
- B/ Mineralization of rocks
- C/ Extensive lava flows
- D/ Orogensis

A/ G-11 PP 114-115 The major geological event look places is Africa during Paleozoic era was denudation

34. Which one of the following Africa countries is outside the Rift Valley area?

- A/ Mozambique
- B/ Malawi

C/ Sudan

D/ Burundi

C/ G-11 PP 122-123 the great East African rift valley touches 15 countries except Sudan.

35. What contributed most for Africa to be the hottest of all continents of the world?

A/ Latitudinal location

B/ High altitudinal range

C/ presence of adjacent water bodies

D/ Longitudinal range

A/ G-11 PP 126 much of Africa /nearly 2/3rd within the tropical latitudes

36. Which climatic region of Africa is dry during the summer season?

A/ the equatorial climate region

B/ The highland climate region

C/ The tropical continental climate region

D/ The Mediterranean climate region

C/ G-11 PP 139-140 Mediterranean climate of Africa has dry summer & wet winter seasons

37. Identify the correct pairing.

A/ Lake Volta- Nigeria

B/ Lake Nasser- Malawi

C/ Lake Victoria – Chana

D/ Lake Turkana –Kenya

D/ G-11 PP 150 Lake Turkana is found in Kenya

38. The savanna vegetation Africa is characterized by

A/ The dominance of xerophytes

B/ Evergreen and deciduous trees

C/ Mixed woodland and grass ecosystem

D/ Alpine plants

C/ G-11 PP 160 Tropical grass land for savanna has mixed wood land & more grasses made up of

39. Is a dark colour soil type with high content of shrinking and swelling clay minerals.

- A/ Vertisol
- B/ Nitosol
- C/ Acrisol
- D/ Livisol

A/ G-12 PP 138-140 Vertisol /Black Basaltic / soil have high clay content, they are sticky so difficult for farming purpose

40. In which of the following area in Africa is wind a dominate agent of soil erosion?

- A/ The Sahel region
- B/ The tropical rainforests
- C/ The east Africa highlands
- D/ The Congo basin

A/ G-11 PP 141 In Africa desert regions eg Sahara desert wind is a dominant agent of soil erosion.

41. Which one of the following is correct about the population of Ethiopia?

- A/ Ethiopia is among the last populous nation Africa
- B/ the distribution of Ethiopian population is reasonable even
- C/ The growth rate of the Ethiopia population shows a slight decline
- D/ Aging is a major challenge of the Ethiopia population

C/ G-12 PP 161-162 There was slight decline in the popⁿ growth rate since 1984

42. Which of the following crops is widely cultivated in areas of low population density in Ethiopia?

- A/ Enset
- B/ Sorghum
- C/ Coffee
- D/ Teff

B/ G-12 PP 175-176 In areas of low popn density, sorghum is widely cultivated

43. Where do we commonly find temporary settlements in Ethiopia?

- A/ The highlands of Ethiopia
- B/ The river valleys

- C/ The pastoral areas
- D/ The per-urban areas

C/ -12 PP 179 The low land in most parts of the rift valley & peripheral areas of Ethiopian are characterized by pastoralism with temporary settlement

44. Which of the following Mortality Rates is the highest in Ethiopia?

- A/ Adult Mortality Rate
- B/ Child Mortality Rate
- C/ Maternal Mortality rate
- D/ Infant Mortality Rate

D/ G-12 PP 187 EDHS 2005 Showed mortality level of Ethiopia popⁿ as measured by IMR /80CMR /56/ MMR /1.34/AMR /5.99 / is the highest in the world

45. One of the following is **NOT** among of the causes high Maternal Mortality Rate in Ethiopia.

- A/ Rural – urban migration
- B/ Limited access to health services
- C/ Early marriage and abortion
- D/ Poverty

A/ G-12PP 190-191 among the cause of high maternal mortality rate in Ethiopia are Early marriage & abortion poverty & limited access to health services

46. Which of the following countries is known for its anti- natalist population policy?

- A/ United States of America
- B/ France
- C/ North Korea
- D/ China

D/

47. Which of the following is **NOT** an industrial crop?

- A/ Coffee
- B/ Chat
- C/ Sesame
- D/ Sugarcane

B/

48. Which one of the following is **NOT** among the main challenges of the Ethiopia economy?

- A/ Climate change and variability
- B/ Lack of good governance
- C/ Capital constraint
- D/ Labor Shortage

D/

49. Which of the following parts of the world is the leading export destination for Ethiopia commodities?

- A/ North America
- B/ Asia
- C/ Europe
- D/ Africa

C/

50. In which of the following settlement types do you expect to find collective amenities such as shops, schools, place of worship and entertainment?

- A/ Isolated dwellings
- B/ Nucleated settlements
- C/ Dispersed settlements
- D/ Nomadic settlements

B/ G-12 PP 178 Groped or nucleated self events would enhance communal ownership of land & provision of social service

51. Which of the following landforms is a watershed between river Abay and river Awash?

- A/ The Amhara Saynt massif
- B/ The Gojjam massif
- C/ The Tigrean plateau
- D/ The Shewan plateau

D/ G-12 PP 85 The Shewa plateau service as water shed b/n Abbay & Awash rivers.

52. Which one of Ethiopia lakes is located outside the Rift Valley system?

- A/ Langano
- B/ Chamo

C/ Tana

D/ Abaya

C/ G-12 PP 102 Lake Tana is highland lake that located outside of the rift valley system.

53. In which agro –ecological zone is most agricultural land of Ethiopia located?

A/ Kolla

B/ Wurch

C/ Dega

D/ Woina Dega

D/ G-12 PP 120 woynadega zone are as contain most of Ethiopia agriculture land

54. Which of the following rain bearing winds carry moisture to the Ethiopia highlands during the summer season?

A/ Equatorial westerlies

B/ Northwesterly winds

C/ Northeast trade winds

D/ Southwesterly winds

A/ G-12 PP 120 During summer rain bearing winds carry moisture to Ethiopia highlands are equatorial western lies that rise from Atlantic cochin.

55. Which endemic animal is found in both Semien Mountains and the Bale highlands of Ethiopia?

A/ Walia Ibex

B/ Semien Fox

C/ Swayne's Hartbeest

D/ Wild Ass

B/ G-12 PP 131 semen fox /key kebero is an Endemic animal of Ethiopia where founds in both the semin mountains /Ras dashen /& the Bale highlands

56. Which of the following measure can be used of the conservation of natural vegetation?

A/ Slash and burn

B/ Overgrazing

C/ Agroforestry

D/ Mulching

C/ G-12 PP136 practicing Agro foresters is one of the conservation Natural vegetation forestry combined with farming activity

57. Which one of the following soil types is found in the arid and semi –arid areas of Ethiopia?

- A/ Lithosls
- B/ Xerosols
- C/ Nitosols
- D/ Cambisols

B/ G-12 PP 140-141 Xerosols are found in arid & semi-arid areas of Ethiopia they are found extensively in the northern escarpment North western& south eastern low land of Ethiopia

58. Which one of the following climate types of Africa is least affected by the ITCZ?

- A/ Afro- alpine climate
- B/ Desert climate
- C/ Semi-desert climate
- D/ Mediterranean climate

D/ G-11 PP 132

59. All of the following are factors that influence the process of soil formation **EXCEPT** one?

- A/ Climate
- B/ Overgrazing
- C/ Organism
- D/ parent material

B/ G-12 PP 138 Factors that influence the process soil formation are parent rock material, climatic condition vegetation cover & organism.

60. According to Karl Marx , food security among population should be understood in relation to

- A/ Unequal distribution of resource
- B/ The potentials of technological innovation
- C/ The adoption of preventive checks
- D/ Natural resource degradation

A/ G- 12 PP 156 Karl Marx stated food scarcities are purely the result of “un equal distribution of resource“ by capitalism model of production.

61. refers to an area that separates adjacent drainage basins

- A/ Drainage system
- B/ Water divide
- C/ Tributary
- D/ Confluence

B/ G-11 PP 58 Adjustment drainage basins are separated from one another by watershed A watershed /water divided is higher ground which service as source region for streams & rivers that flow in deferent direction within in their own distinct basis. That is why we say that a water shed is dividing line between neighboring drainage basins.

62. is a push factor that likely cause rural population migration in Africa.

- A/ Infrastructure development
- B/ Employment opportunities
- C/ Natural disaster
- D/ Improved housing

C/ G-11 PP 209 Natural disaster is one of among punish factor that cause rural popn migration in Africa

63. Which one of the following is **NOT** among the advantage of air transport?

- A/ it is the fastest mode of transport
- B/ It is least affected by physical barriers
- C/ it is most appropriate for transporting perishable goods
- D/ it is the most affordable means of transport

D/

64. In which region of Africa are the Atlas Mountains found?

- A/ Easter Africa
- B/ Wester Africa
- C/ Southern Africa
- D/ Northern Africa

D/ G-11 PP 110 The Atlas Mountain are found in Northern in Africa

65. In which part of Africa do we find the highest relief?

- A/ Eastern Africa
- B/ Western Africa
- C/ Southern Africa
- D/ Northern Africa

A/ In all parts of Africa, we find the highest relief in the region of Eastern Africa which is called mt Kilimanjaro in Tanzania with its high 5,895 m. above sea level

66. The equatorial type of climate in Africa is characterized by

- A/ Low daily range of temperature
- B/ Low mean monthly temperature
- C/ Low angle of the sun
- D/ Low annual range of temperature

D/ G-11 PP 136-137 Equatorial climate is characterized by low annual range of to

67. The navigability of most Africa rivers is hindered by

- A/ Steep water courses
- B/ The trans boundary nature of the rivers
- C/ The steady volume of flow
- D/ Shallow depth of the waters

A/ G-11 PP 153 the navigability of most African rivers is hindered by steep water courses water falls , rapids deltaic mouths, & seasonal volume fluctuation

68. Refers to the average lifespan of a newly born infant under current mortality levels.

- A/ Infant mortality rate
- B/ Dependency ratio
- C/ Doubling period
- D/ Life expectancy

D/ G-12 PP 186 Life Expectancy is the average number of years a new born baby is expected to live if he/she is exposed throughout life to the prevailing pattern of age specific death rats

69. Which of the following research approaches involves the use of ethnography and participate observation for data collection?

- A/ Qualitative approach
- B/ Qualitative approach
- C/ Desk review approach
- D/ Simulation approach

A/ G-12 PP 7 common techniques for gathering data in the qualitative approach are group interview, questionnaires & personal observations.

70. Which one of the following is an example of primary source of data

- A/ Interviews
- B/ Diaries
- C/ Journals
- D/ Historical records

A/ G-12 PP 17-18 An example of a primary source of data are

- *Interview conducted through telephone conversation & a person or face to face /
- *Questionnaires consist of number of questions printed or typed on form or set of forms that given to the respondent who then fill it out by themselves & collected from the respondent through in person
- *discussion with group of people.

71. One of the following is **NOT** a major cause of drought in Africa

- A/ Increasing human and livestock populations
- B/ Unwise use f nature resources
- C/ Increasing use of commercial fertilizers and improved seeds
- D/ Expansion of farm lands and settlements

C/ G-11 PP 140-141 Increased use of commercial fertilizer & improved seed are not the major causes of drought in Africa.

72. One of the following is **NOT** a major destination of the intra- continental labor migrants in Africa

- A/ Citrus and vine planation of Algeria, Tunisia and Morocco
- B/ The Gold and diamond mines of the Republic of South Africa
- C/ Oil fields of Nigeria and North Africa
- D/ The Danakil salt plains of the Afar Region of Ethiopia

D/ G- 11 PP 211 The Danakil salt plains of the Afar region of Ethiopia is not a major destination of the intra continual labor migrants in Africa

73. What is the other name for maps that emphasize the distribution of a single geographic element or character?

- A/ Reference or general purpose maps
- B/ Thematic or special purpose maps
- C/ Charts
- D/ Topographic maps

B/ G-12 PP 36 Thematic or special purpose maps emphasize the distribution of a single geographical element or character. Eg. Population map of the world, climatic map of Africa annual rain fall distribution.

74. Where do we find active volcano of Ertalle?

- A/ The Afar triangle
- B/ The Rift Valley lakes district
- C/ The Red sea coastal plains
- D/ The Upper Awash Valley

A/ G-12 PP 89 The active of Ertalle is found in the far triangle

75. To which major drainage system of Ethiopia does the Ghibe River drainage system belong?

- A/ The Western /Mediterranean/ Drainage System
- B/ The South Omo Drainage System
- C/ The Southeastern Drainage System
- D/ The Inland /Rift Valley/ Drainage system

D/ G-12 PP 97 The Ghibe river /omo river stem be long the In land /or refit valley / drainage system

76. Which of the following is the main reason why relatively low mean monthly temperature are recording on Ethiopian highlands in summer?

- A/ The prevalence of high cloud cover
- B/ The country's distance from the sea
- C/ Ethiopia latitudinal location
- D/ The altitude factor

A/ G-12 PP 89 The Cloud cover acts as barrier that absorbs & reflects that back the solar radiation that comes from sun. for instance though summer in many parts of the world is a season of high temperature because of the prevalence of high cloud during summer season most place in Ethiopia experience low temperature condition

77. Which one of the following pairing is **NOT** correct?

- A/ Tekeze - Angereb
- B/ Awash – Akaki
- C/ Ghenale – Dawa
- D/ Ghibe – Gilo

D/ G-12 PP 95 The pairing of the rivers with on tributaries are matching correctly tekeze Angereb Awash akaki Ghenal dawa but not correctly matches river Ghibe Gilo because Gilo is attribution of bar river.

78. Which one of the following geographical approaches is most appropriate for the study of the interaction between biophysical and socio-economic phenomena in a particular area?

- A/ Regional approach
- B/ Topical approach
- C/ Systematic approach
- D/ Thematic approach

A/

79. What does a spot height represent on topographic maps?

- A/ Height of place between successive contours
- B/ The distance between two specific points
- C/ Measured altitude of a specific point
- D/ The lope of a specific point

C/ G-11 PP 33 A spot height represent on to pographic Maps measure altitude of a specific point.

80. Identify a landform type which is different from the others

- A/ Saddle
- B/ Depression
- C/ Valley
- D/ Ridge

D/ G-11 PP 51 -52 Ridge is a sloping of line of ground it is along narrow hill top or a range of hills this land form different from the other

*Valley is along low lying area of land often with a river or stream running through it

*Depression is an area of land that is lower in altitude

*Saddle is a dip or low point b/n two areas of higher ground

81. Which of the following was NOT among the main reasons why the Dega Zone areas were historically home of concentrated human settlement?

- A/ Its suitable location for the people to defend themselves from threats
- B/ The people's lack of choice to settle in lower and warmer agro climatic zones
- C/ The absence of vector borne diseases such as malaria
- D/ Its reliable rainfall and support for two growing periods per year

B/ G-12 PP 115 The people lack of choice to settle to lower & warmer agro climatic zones is not the main reason why the dega zone areas were the home of concentrated human settlement.

82. Which of the following statement is correct about the wild animals of Ethiopia?

- A/ Ethiopia's Wild Ass population is confined to the Afar lowlands
- B/ Virtually all types of mammals found in East Africa are also found in Ethiopia
- C/ All of the endemic animals of Ethiopia inhabit the highlands
- D/ Ethiopia's Wild animal stock is generally similar to that of East Africa as whole

A/

83. Which of the following statement shows Esther Boserup's argument about the relationship between population growth and food supply?

- A/ Food production is limited and population cannot increase beyond the means of subsistence
- B/ If population growth outstrips the mean of subsistence, positive checks will apply
- C/ Technology advancement would ensure that food supply will keep up with population growth
- D/ The poor are to be blamed for their own poverty.

C/

84. The three leading economic sector of Ethiopia according to their contribution to the GDP from the highest to the lowest is.

- A/ Agricultural, Industry and Service
- B/ Services Industry and Agriculture
- C/ Industry, Agriculture and Services
- D/ Services, Agricultural and Industry

A/ G-12 PP 212 The three leading economic sectors of Ethiopia according to their contribution to the GDP from the highest to the lost is Agricultural Industry & service

85. describes the height of a specific location above the sea level.

- A/ Contour
- B/ Topography
- C/ Altitude
- D/ Relief maps

C/

86. Which of the following can best show population distribution in a specific area?

- A/ Thematic map
- B/ Cadastral map
- C/ Topographic map
- D/ Navigation map

A/

87. In Azimuthal map projection

- A/ Parallels make arcs of concentric circles
- B/ Distortion increase towards the poles from the Equator
- C/ All longitude are equal in length from the Equator
- D/ Longitudes are straight lines radiating from the poles

A/

88. Is the wettest low land in Ethiopia.

- A / Omo- Ghibe lowlands
- B/ Abbay – Dinder lowlands
- C/ Baro- Akobo lowlands
- D/ Angereb lowlands

C/ G-12 PP 91 Baro- Akobo low land is the wettest low land in Ethiopia

89. Which of the following towns is located in the autumn and spring rainfall regions of Ethiopia?

- A/ Gode
- B/ Harar
- C/ Jigjiga
- D/ Assaita

C/ G-12 PP 101 Gode is a town located in the all human & spring rainfall region of Ethiopia.

90. Which one of the following activities could accelerate soil degradation?

- A/ Mulching
- B/ Intercropping
- C/ Contour plowing
- D/ Intensive cultivation

A/ G-11 PP 144 Mulching is covering the soil with plant residue to let the soil regain some nutrients as the residue decays

91. What is the focus of Thomas Malthus's population theory?

- A/ The power of the earth to produce enough food to meet growing demands
- B/ The influence of capitalist modes of production
- C/ The importance of positive checks to regulate population growth
- D/ The positive effects of population on food production

C/ G-12 PP 154 The focus of Thomas Malthus population theory's is the importance of positive check to regulate population

92. What is the main reason for the high population growth in urban centers compared to the rural areas of Ethiopia?

- A/ Rural -urban migration
- B/ Limited use of family planning services in rural areas
- C/ High fertility rate in urban areas
- D/ Differences in early marriage

A/

93. Which of the following statement is **NOT** correct about the outcomes of the analytical methods of inquiry in geography?

- A/ It helped geography to become a more law- giving science
- B/ It led to the development of Applied Geography
- C/ It weakened the conception of Geography as an ideographic field of study
- D/ It weakened the quantitative revolution

D/

94. Which of the following statement is **NOT** correct about the tropical Rainforest of Africa?
- A/ They are largely confined to Central and Western Africa and Eastern Madagascar
 - B/ They have little undergrowth as the canopy of the tall trees prevent the penetration of light
 - C/ They have significantly low species diversity
 - D/ They contain broad – leafed evergreen trees

C/ G-11 PP 136 tropical Rainforest Africa have significantly night species diversity

95. What is the final step in a research project?
- A/ Generalization and interpreting the data
 - B/ Preparing the research report
 - C/ Writhing the concluding remarks
 - D/ Compiling the bibliography or references

D/ G-12 PP 19 Compiling bibliography or references is the final step in research project

Item 96-100 are based on the map provided on the next page. These items should be attempted by sighted /NOT VISUALLY IMPAIRED/ candidates only

96. The drainage pattern show on the map is
- A/ Rectangular drainage pattern
 - B/ Trellis drainage pattern
 - C/ Centripetal drainage pattern
 - D/ Radial drainage pattern

D/ Radial drainage pattern occur where rivers how in all direction away from a raised feature

97. What is the elevation of the highest peak on the map?
- A/ 3900 meters above the sea level
 - B/ 3650 meters above the sea level
 - C/ More than 3800 meters above the sea level
 - D/ More than 3800 meters above the sea level

D/ The highest contour line shows an attitude 3,000 meters

98. Point “A” is located to the of point “D”

- A/ Southeast
- B/ South west
- C/ North west
- D/ Northeast

C/

99. The map distance between ‘C’ and ‘H’ is 4 centimeter. what is the crow flight distance between the two points in kilometer?

- A/ 20
- B/ 2
- C/ 8
- D/ 80

C/ CH= 4cm $\times \frac{200,000}{100,000} = 8$

100. The landform shown by the line connecting point “F” and “G” is

- A/ A valley
- B/ A spur
- C/ A watershed
- D/ A ridge

A/ F&G are shown on watershed

The following question /101-105/ should be attempted by VISUALLY IMPAIRED students only

101. Which of the following national regional states of Ethiopia has the highest crude population density?

- A/ Benishangul Gumuz
- B/ Oromia
- C/ Southern Nations Nationalities and people Region /SNNPR/
- D/ Amhara

C/ G-12 PP 171 The highest crude popn density in Ethiopia SNNPR

102. Which one of the following is among the main challenges to the performance of the Agricultural sector in Ethiopia?

- A/ Population size
- B/ Absence of appropriate policies and strategies
- C/ Limited agricultural potential
- D/ Climate variability

D/ G-12 PP 211 The main problem of agricultural sector is weathering change climate variability

103. is the an economic sector which is the main source of employment in the urban centers of Ethiopia .

- A/ Service sector
- B/ Manufacturing
- C/ Agriculture
- D/ Construction

A/ G-12 PP 212-214 Service sector is the main source of employment in the urban centers of Ethiopia

104. Which one of the following is different from the other?

- A/ Lake Turkana
- B/ Lake Malawi
- C/ Lake Tanganyika
- D/ Lake Nasser

C/ G-11 PP 150 Lakes turkan Malawi & tanganika are natural lakes
But lake Nasser is Artificial lakes of Africa

105. Which one of the following countries is a leading producer of petroleum in Africa?

A/ Nibya

B/ Nigeria

C/ South sudan

D/ Angola

A/ G-11 PP 239 Libya is the leading producer of petroleum OIL in Africa