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Hawassa University
Department of Geography and Environmental Studies
Geography of Ethiopia and the Horn Final Exam

Course code: GeES 1011 *Semester: I* *Academic year: 2019/20*
Load: 50% *Time allowed: 1:15 hour* *Date: Jan 31, 2020*

Name _____ **ID. No** _____ **Section** ____ **Group** ____
Department _____ **Instructor's Name** _____

Instruction

- ✓ Check that the exam paper has three parts
- ✓ Attempt all questions
- ✓ Write your answer only on the answer sheet
- ✓ Any attempt of cheating leads to disqualification

Part I: Write True for the correct statement and False for the incorrect

1. The climate of Ethiopia is highly controlled by its latitude than altitude.
2. Variation in the length of days and night is due to the rotation of the earth.
3. The response to global warming may increase or decrease climate change impacts on ecosystem.
4. Climate is one of the major human induced causes for soil degradation.
5. Overexploitation of vegetation is one of natural causes of soil degradation.
6. Life expectancy at birth serves as a summary measure of the mortality experience of the whole population.
7. In Ethiopia males have higher life expectancy at birth than females.
8. Population pyramid of Ethiopia has a very narrow base and broaden very rapidly towards up.
9. Agricultural density measure is more meaningful than crude density because it gives a better picture of the pressure of population on land resources.
10. Change in population size, composition and distribution over time and space is the function of fertility, mortality and migration.

Part II Multiple Choice (1pt each)

1. Rotation of earth on its axis result in
   A. Occurrence of seasons
   B. Variation in the length of days and night
   C. Tilt angle of earth
   D. A and B
   E. None
2. Which of the following is the correct order regarding agro- climatic zones of Ethiopia
   A. Wurch→Dega→Woina Dega→Kolla→Bereha
   B. Wurch→Dega→Woina Dega→.Bereha →Kolla
   C. Dega →Wurch→ Woina Dega→Kolla→Bereha
   D. Wurch→Dega→ Kolla→ Woina Dega→Bereha
   E. Kolla→Bereha →Wurch→Dega→Woina Dega
3. Which one of the following lapse rate is characterized by the actual, observed change of temperature with altitude?
   A. Atmospheric lapse rate
   B. Wet adiabatic lapse rate
   C. Dry adiabatic laps rate
   D. B and C
   E. None
4. Which one of the following is **WRONG** related to latitudinal effect on Ethiopia
   A. There is very high daily range of temperature in the country
   B. The movement of sun brings little difference between the lengths of day & night
   C. Tropical temperature conditions are experienced every part of the country
   D. There is regular receipt of solar heat throughout the country
   E. None of the above

5. Which of the following is **FALSE** about the appearance of solar radiation over the surface of the earth?
   A. During equinoxes, the length of the day and night in any place over the surface of the earth is equal
   B. During winter solstice the position of the sun is at the tropic of Capricorn
   C. There is maximum insolation in the northern hemisphere during winter solstice
   D. Day and night are equal throughout the year at 0^{0} latitude
   E. None of the above
6. Which of the following is the mitigation measure in climate change?
   A. Increase the use of renewable energy
   B. Building flood defenses
   C. Plan for heat waves and higher temperatures
   D. Prepare evacuation plan
   E. Installing water-permeable pavements
7. Which one of the following is **NOT** a control of climate?
   A. Temperature B. Latitude C. Distance from the sea D. Ocean currents E. None
8. Which one of the following is **NOT** considered as Greenhouse gas sinks?
   A. Soil B. Ocean C. Atmosphere D. Forest E. B and D
9. Which one of the following is **TRUE** about soil erosion?
   A. Splash erosion increases when forest cover increases
   B. Terracing and contour ploughing are the major biological conservation practices
   C. Biological conservation method reduces the velocity of surface runoff
   D. All are correct
   E. None
10. Which one of the following trees is found in highland forests?
    A. Acacia B. Mosses and lichens C. Woyra D. Kosso E. C and D
11. _____ is the home of pelicans
    A. Awash B . Abjata- shala C. Nechsar D. Tana Abaya E. None
12. Which of the following does **NOT** serve as a source of demographic data?
    A. Census B. Registration systems C. Surveys D. All E. None
13. _____ is type of censuses enumeration that counts persons according to their permanent place of residence in the country.
    A. De jure B. Canvasser C. Household method D. De facto E. None
14. Which of the following town does belongs to slow growing town?
    A. Maichew B. Axum C. Goba D. All E. None
15. _____ is death of women related to or induced by the pregnancy or its management per hundred thousand live birth
    A. Child-mortality rate
    B. Infant mortality rate
    C. Maternal mortality rate
    D. Live birth
    E. None
16. ____ measure the number of populations supported per unit area of arable land
    A. Agricultural Density
    B. Physiological Density
    C. Crude Density
    D. A and C
    E. None
17. Which of the following fertility measure simple to determine and commonly used measure of fertility?
    A. Crude Birth rate
    B. General fertility rate
    C. Age specific fertility rate
    D. Gross Reproductive Rate
    E. Total Fertility Rate

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18. Which one of the following is a chemical property of soil?
    A. Soil texture
    B. Soil structure
    C. Soil porosity
    D. Soil acidity
    E. Soil consistence
19. Which of the following statements best describes Ethiopia's population?
    A. It has higher proportion of old age population
    B. It has smaller proportion of young age population
    C. It has low birth rate and natural increase
    D. It has high mortality rate, low life expectancy
    E. None
20. Which of the following is **CORRECT** regarding sex ratio in Ethiopia
    A. Sex ratio is lower for rural areas and higher for urban areas
    B. Sex ratio is lower for rural areas due to larger male in-migration to these areas
    C. At birth and young ages females tend to be greater in number and less as age increases.
    D. All
    E. None
21. TFR of a population shows
    A. The average number of children that would be born to a woman at the end of her reproductive period
    B. The average number of daughters that would be born to a woman
    C. A woman reproducing herself in the next generation by having a son
    D. A and C
    E. None
22. Of the following, one is **NOT** considered as factors of population distribution in Ethiopia?
    A. Climate B. Slope C. Drainage D. None E. A and C
23. Which one of the following is the highland soil?
    A. Fluvisol B. Acrisol C. Xerosol D. A and B E. none
24. Which one of the following is located in the all year round rainfall regions of Ethiopia?
    A. Mekelle B. Jimma C. Jigjiga D. Gondar E. Semera
25. Why do Dega zone of Ethiopia support large number of human populations?
    A. It has extremely hot temperature
    B. It has reliable amount of rainfall
    C. It is not free from tropical disease
    D. It is located at peripheral parts of Ethiopia
    E. None
26. Which one of the following contains large Afro-alpine habitat?
    A. Omo National Park
    B. Awash National Park
    C. Bale Mountains National Park
    D. Nech Sar National Park
    E. None
27. Organizing National parks can be imperative in any one of the following dealings
    A. Wildlife preservation
    B. Generation of foreign exchange in the form of tourism
    C. Soil and water conservation
    D. Regulating the ecological balance
    E. All of the above
28. Which of the following is **NOT** true about Ethiopian population?
    A. Population distribution is characterized by large scale unevenness
    B. Altitude influence the distribution of population
    C. Mortality level declined in the population during the last two decades
    D. A and C
    E. None of the above

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29. Which of the following is categorized under internal migration?
   A. Rural to rural migration
   B. Migration from urban areas to rural
   C. Migration from rural to small urban centers
   D. All
   E. None

30. One of the following is NOT among the major characteristics of census
   A. Universality
   B. Periodicity
   C. Low cost
   D. Simultaneity
   E. Wide range of data

PART III MACHING

Directions: Match column A with the correct answer on column B (10 pts)

Column A	Column B
1. Biological Weathering	A. Differential stresses due to heating & cooling
2. Vertisols.	B. Disintegration of rock by plants and animals
3. Afro-alpine and sub-afro alpine Region	C. Hydrolysis and oxidation
4. Forest Region	D. Giberra
5. Tree Animals	E. Xerophytic
6. Solonchalk	F. Girar
7. Litosol	G. Tid
8. Regosol	H. Monkey
9. Xeromorphic plant	I. Xerosol
10. Game animal	J. Saline soil
	K. Chemically fertile
	L. Course texture, low water holding capacity
	M. Trees shading their leaves in dry season
	N. Giraffe
	O. Soil with high clay content
	P. Pelican

Answer Sheet

Name:_____ ID. No._____ Section____ Group____

Part I: True/False	Part II: Multiple Choice			Part III: Matching
1. _____	1. _____	11. _____	21. _____	1. _____
2. _____	2. _____	12. _____	22. _____	2. _____
3. _____	3. _____	13. _____	23. _____	3. _____
4. _____	4. _____	14. _____	24. _____	4. _____
5. _____	5. _____	15. _____	25. _____	5. _____
6. _____	6. _____	16. _____	26. _____	6. _____
7. _____	7. _____	17. _____	27. _____	7. _____
8. _____	8. _____	18. _____	28. _____	8. _____
9. _____	9. _____	19. _____	29. _____	9. _____
10. _____	10. _____	20. _____	30. _____	10. _____