AGEW-MIDIR GENERAL COMPREHENSIVE SECONDARY SCHOOL GEOGRAPHY MODEL TWO EXAMINATION FOR GRADE 12 STUDENTS (2016 E.C).

TIME ALLOWED 1Hrs

Direction: choose the best answer from the given alternatives (1 point each)

1. Among the following which one is **NOT** correct about the structure of the atmosphere?
   A. Troposphere contains 75% of the atmospheric mass
   B. Stratosphere is the layer of high concentration of ozone gases
   C. In mesosphere meteorites burns and disintegrate because of frication
   D. Thermosphere have extremely high density and in layer of electrically charged particles
2. Which method of heat transfer is the most important to bringing heat to the earth surface?
   A. conduction B. convection C. radiation D. advection
3. In which of the following condition does refit ally happen?
   A. when two plates move towards each other
   B. when two parallel faults occurs on the surface of the earth sink down
   C. when two parallel faults is pushed upward
   D. when molten materials are forced out of the surface
4. Which type of rainfall is very common in humid areas, where temperature is high throughout the year? A. convocational B. Orographic C. frontal D. cyclonic
5. What is the common feature of monsoon winds?
   A. They are seasonal winds C. They cover a wider area
   B. They are local winds D. They affect smaller areas for a short period of time
6. Which one of the following is **NOT** describes the tropical zone of the earth?
   A. It is characterized by high temperature throughout the year
   B. it is dominated by manufacturing economic activity
   C.it is found between the tropic of cancer and Capricorn
   D. its zone is divided into four sub regions
7. Which of the following best explains conifers (taiga) region?
   A. it is inhabited by people whose life style is agriculture
   B. its climate is favorable for growing crops
   C. it is only located in the northern hemisphere
   D. it has the highest mean monthly temperature
8. Which type of sedimentary rocks constitute 85% of all sedimentary rocks?
   A. chemical sedimentary rock C. organic sedimentary rock

B. bio clastic sedimentary rock D. clastic sedimentary rock

9. 9. Which type of soil of Ethiopia is basically associated with high rainfall and previously forest covered area? A. vertisol B. fluvisol C.liptosol D. nithosoe

10. What is the soil conservation measure that involves building level of surface at right angles to the Slope retain water and reduce the amount of erosion?
   A. Following B. shelter belt C. terracing D. intercropping

11. Which one of the following geological event occurred recently in Africa?
   A. Formation of basement complex rocks C. denudation of horn of Africa
   B. Occurrence of pluvial rain D. formation of Atlas range

12. The main factor behind the large verity of wild animals in Africa is

   A. Owing to its great environmental diversity in relief, climate and natural vegetation
   B. Its larger size in comparison to other continents
   C. The presence of strict regulation to control illegal hunting
   D. The presence of large number of national parks, game reserves and sanctuaries

13. As cacao is to Ghana, as _____is for Nigeria?
   A. Palm oil B. rubber C. sisal D. coffee

14. Which one of the following is **NOT** true about population theory?
   A. The emergence of modern population theory is related to the writing of Malthus
   B. Marx stated that population problems could not occur under a capitalist mode of production
   C. Boserup thought that as the size of population increase, its results in technological innovation
   D. Malthus say that population growth will be bring scarcity of food and other resources

15. Which one is **NOT** part of the Atlantic Ocean drainage system of Africa?
   A. Congo basin B. Chad basin C. Nile basin D. Zambezi basin

16. Which one of the following statement is **WRONG** about geography?
   A. It is an interdisciplinary subject that have strong link with different subjects
   B. It does not have a single definition that is universally accepted
   C. Its studies are conducted based on two basic approaches
   D. Because of the wide nature of the subject, its scope is limitless

17. A place where the pirate river diverts the head water of its victim river is
   A. Wind gap B. reverse drainage C. misfit D. elbow of capture

18. One of the following is **NOT** a renewable natural resources.
   A. Forest B. soil C. coal D. water

19. All are true about Africa, **EXCEPT** one
   A. Nearly 2/3rdof Africa lies with in the tropics
   B. The relief structure of Africa is mainly dominated by mountain
   C. Africa has a compact shape due to its short smooth costliness
   D. Eastern Africa is characterized by the great rift valley system
20. Which of the following rivers shows the least loss of run off?
   A. Congo B. Niger C. Senegal D. Nile
21. A population pyramid mainly indicates
   A. The distribution of the population of a country by age and sex
   B. The distribution of the population of a country by income category
   C. The distribution of the population of a country by literacy rate
   D. The distribution of the population of a country by size
22. Which one of the following physical components of the earth's environment includes the others?
   A. Hydrosphere B. biosphere C. lithosphere D. atmosphere
23. The farthest and nearest planets to the earth is respectively
   A. Mercury and Pluto B. Mercury and Earth C. Pluto and Mercury D. Earth and Mercury
24. Which one of the following is the highest hierarchy of rural population settlement?
   A. Mega polis B. farmstead C. city
   D. village
25. Which one of the following is the indicator of economic development?
   A. Increasing of agricultural output C. increasing of export earnings
   B. Increasing of industrial output D. increasing of life expectancy

Questions 26-30 are based on the climatic data of a hypothetical region given in the table below

station	items	Months											
		J	F	M	A	M	J	J	A	S	O	N	D
1	Temp($^{O}_{c}$)	26	26	27	27	27	27	27	27	27	27	26	26
	Rainfall(mm)	228	132	205	242	229	187	175	178	181	256	339	337
2	Temp($^{O}_{c}$)	18	19	19	18	17	16	16	14	15	17	18	17
	Rainfall(mm)	3	3	7	3	0	0	0	0	0	0	0	3
3	Temp($^{O}_{c}$)	24	24	26	28	30	33	34	34	32	28	26	24
	Rainfall(mm)	41	39	22	19	23	1	4	15	10	19	21	37
4	Temp($^{O}_{c}$)	15	16	17	17	17	16	15	15	15	14	15	14

	Rainfall(mm)	18	28	72	147	178	271	386	419	286	51	11	7

26. Which meteorological is best represents the equatorial type of climatic region?
    A. Station 2 B. station 4 C. station 1 D. station 3
27. Which station has the highest annual range of temperature?
    A. Station 4 B. station 3 C. station 1 D. station 2
28. Which type of natural vegetation is predominant in station 2?
    A. Xerophytic B. alpine C. conifer D. tropical rain forest
29. Which type of rain fall is most likely common in station 1?
    A. Convectional B. orographic C. cyclonic D. frontal
30. The wettest month for statin1,2,3 and 4 is respectively
    A. November, January, March and August C. November, March, August and January
    B. November, March, January and August D. November, August, March and January

Questions 31-35 are based on the demographic data of a hypothetical region given in the table below

Total population	44.4 million
Female population	21,800,000
Urban population	5.4 million
Total land area	1.44million
Number of birth	2,220,000
Number of death	944,000
Number of death under age 1	340,000
Cultivated land	14%

31. What is the crude birth rate of the region?
    A. 40/1000 B. 60/1000 C. 50/1000 D. 70/1000
32. What is the rural population density on cultivated land?
    A. 190.45 B. 191.45 C. 192.45 D. 193.45
33. The infant mortality of the region is
    A. 150/1000 B. 151/1000 C. 152/1000 D. 153/1000
34. What is the rate of population increase in the region?
    A. 2.5% B. 2.1% C. 2.9% D. 2.6%
35. What can be generalized about the sex ratio of the region?
    A. The region has higher number of female population than male
    B. The region has higher number of male population than female
    C. The region has equal number of female and male population
    D. The region has higher number of urban settlers

Questions 36-40 are based on the attached map.

36. What is the direction of “V” from “L”?
    A. North East B. North West C. South East D. South West
37. If we reduce the map two times, what will be the scale of new map?
    A. 1:75000 B. 1:50000 C. 1:100000 D. 1:25000
38. What is the geographic grid of point “A”?
    A. $9^0$6’0’’S $33^0$48’0’’E C. $33^0$42’0’’E$9^0$12’0’’S
    B. $33^0$48’0’’E$9^0$6’0’’S D. $9^0$12’0’’S$33^0$42’0’’S
39. What type of land form is shown by letter “L”?
    A. Valley B. depression C. hill D. cliff
40. Based on the attached map which one is **WRONG**?
    A. “K” and “L” are not inter visible
    B. “K” and “L” are represented by convex slope
    C. The map is dominated by Dega and Woina- Dega agro climatic zone
    D. “K” and “L” are represented by concave slope

