

YEKA SUB-CITY EDUCATION OFFICE
GEOGRAPHY MODEL EXAMINATION FOR GRADE 12
(GINBOT, 2013/MAY, 2021)

TIME ALLOWED: 2 HOURS

GENERAL DIRECTIONS

THIS TELEGRAM FOLDER CONTAINS GEOGRAPHY EXAMINATION. IN THIS EXAMINATION, THERE ARE A TOTAL OF 100 MULTIPLE CHOICE QUESTIONS. SELECT THE BEST ANSWER AND WRITE THE LETTER OF YOUR CHOICE ON THE SEPARATE ANSWER SHEET PROVIDED BELLOW.

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

1. All of the following characterizes the times of the ancient Greeks and Romans **EXCEPT**
 - A. They recognized the spherical form of the earth
 - B. They created maps in the forms of globes
 - C. They developed map projection
 - D. They developed the mathematical method of map making
2. Which one is **NOT** the nature of topographic maps?
 - A. Conventional symbols
 - B. A large-scale maps
 - C. Covers a relatively large area
 - D. A detailed map
3. Which one of the following maps is used to show the population density of Ethiopia?
 - A. Choro schematic maps
 - B. Choropleth maps
 - C. Dot maps
 - D. Isopleth maps
4. Identify the wrong pair
 - A. Isotherm map → equal pressure
 - B. Isoneph map → equal cloud cover
 - C. Isohyet → equal rainfall distribution
 - D. Isodapane map → equal transportation cost
5. A map used to show the volume and direction of Ethiopia's coffee exports is called
 - A. Graphs
 - B. Arrow maps
 - C. Chorochromatic maps
 - D. Diagrammatic maps
6. Which of the following map projection produce circular maps?
 - A. Planar
 - B. Conic
 - C. Cylindrical
 - D. Cone
7. Which one of the following is chronologically ordered from the earliest to the recent?
 - A. Ardi → Selam → Lucy
 - B. Lucy → Selam → Ardi
 - C. Selam → Ardi → Lucy
 - D. Selam → Lucy → Ardi

8. Which one of the following is correct about the absolute location of the horn?
 - A. The Horn has temperate climate
 - B. The Horn lies in the GMT + 3 time zone
 - C. The Horn is found in the Nile basin
 - D. The Horn is found in the northeastern Africa
9. What advantages does Ethiopia's large size offer the country?
 - A. Homogeneous agroecological zone
 - C. Similar ethnic group and culture
 - B. A large amount of arable land
 - D. Limited wild animals and plant species
10. In which of the following extreme point, Ethiopia shares boundary with Kenya?
 - A. Badime
 - B. Akobo
 - C. Ogaden
 - D. Moyalle
11. What is the type of countries shape that comprised many islands called?
 - A. Compact shape
 - C. Truncated shape
 - B. Fragmented shape
 - D. Elongated shape
12. Which of the following era is **WRONGLY** paired with the biological events that took place in the horn?
 - A. Cenozoic Era → Dinosaurs
 - C. Paleozoic Era → Invertebrates
 - B. Precambrian Era → Amoeba
 - D. Mesozoic Era → Reptiles
13. In which of the following period the active volcano of Ertalle was formed?
 - A. Quaternary period
 - C. Jurassic period
 - B. Tertiary period
 - D. Triassic period
14. Among the following which one is **CORRECT** about the sedimentary rocks of Ethiopia and the horn?
 - A. The Upper sandstone is the oldest sedimentary rock
 - B. The Adigrat sandstone is the most overlying rock
 - C. The Upper sandstone is the youngest and thinnest in the southeast
 - D. Hintalo limestone was formed in the Triassic period
15. The Abbay gorge was formed as a result of
 - A. A massive flood of pluvial period
 - B. Uplifting of the land in the quaternary period
 - C. Sinking of the land in the tertiary period
 - D. Transgression of the sea in the Triassic period

16. What are the two major rivers in the plateau of Eritrea?
- A. Tekezze and Anghereb Rivers
 - B. Wabishebele and Genalle Rivers
 - C. Barka and Mereb Rivers
 - D. Baro and Akobo Rivers
17. In which of the following highlands of the horn the basaltic rocks have been eroded and the sandstones and limestones are exposed?
- A. The plateau of Arsi and Bale
 - B. The plateau of Shewa and Sidama
 - C. The plateau of Gojjam and Somalia
 - D. The plateau of Tigray and Hararghe
18. Which of the following is **CORRECT** about the southeastern highlands of the horn?
- A. It is greatly eroded due to torrential rain
 - B. It is drained by Wabishebele and Genalle Rivers
 - C. It is the wettest part of the horn
 - D. It extends from Benishangule to Gamo-Goffa
19. In which part of the North central massifs the land is less dissected?
- A. The Gojjam Massif
 - B. The Wollo Massif
 - C. The Lasta Massif
 - D. The Semein Massif
20. Which one of the following areas is the source of the Awash River?
- A. The plateau of Bale
 - B. The plateau of Shewa
 - C. The Afar Block
 - D. The Tendaho Graben
21. Which of the following is **TRUE** about the plateau of Arsi?
- A. The plateau area consists of Kulu-Konta Highlands
 - B. The plateau increases by turning over and over
 - C. The plateau is dominated by mount Tulu-Dimtu
 - D. The plateau is significant producer of coffee
22. Which part of Ethiopian rift valley system consists of fossil rich sediments?
- A. The Chew-Bahir Rift
 - B. The Afar Triangle
 - C. The Southeastern Sub-Division
 - D. The Main Ethiopian Rift
23. Which of the following is **CORRECT** about the central sub division of the Ethiopian rift system?
- A. It is the most elevated part of the Ethiopian rift system
 - B. It is covered by the extensive salt plains
 - C. It is covered by extensive shallow marshy area
 - D. The Amaro mountain range split the rift in to two valleys

24. Which statement describes the lowlands of the horn?
- A. They are elevated above 1000 masl
 - B. They occupy the central part of Ethiopia
 - C. They have relatively harsh climate
 - D. They constitute 56% of Ethiopia's total area
25. Which one of the following lowlands of the horn is **NOT** found in Ethiopia?
- A. The Ogaden Plains
 - B. The Borena Plains
 - C. The Benadir Plains
 - D. The Elkeri Plains
26. The Omo-Ghibe River terminate in which lake?
- A. Lake Abbe
 - B. Lake Chew-Bahir
 - C. Lake Turkana
 - D. Lake Abbaya
27. Which one of the following is major tributaries of Awash River?
- A. Guang River
 - B. Gojeb River
 - C. Jemma River
 - D. Borkena River
28. Which lakes in Ethiopia are the deepest and shallowest respectively?
- A. Lake Tana and Lake Hashenge
 - B. Lake Shalla and Lake Tana
 - C. Lake shalla and Lake Ziway
 - D. Lake Tana and Lake Abbaya
29. What type of lake is formed when a sheet of lava dams up a shallow surface depression?
- A. Watershed lake
 - B. Crater lake
 - C. Artificial lake
 - D. Rift valley lake
30. In which part of Ethiopia, the highest and lowest elevations of the country are found respectively?
- A. The Lasta Massif and the Omo-Ghibe lowland
 - B. The Semein Massif and the Afar Triangle
 - C. The Bale Massif and the Ogaden lowland
 - D. The Arsi Massif and the Borena lowland
31. Which one of the following is elements of weather and climate?
- A. Humidity
 - B. Altitude
 - C. Latitude
 - D. Distance from the sea
32. Which one is **NOT** the effect of the revolution of the earth and inclination of the earth's axis?
- A. It produces a change in the direction of the sun's ray
 - B. It affects the length of the day
 - C. It results temporal variation of temperature
 - D. It produces change in temperature as altitude increase

33. Which of the following weather system have impact over Ethiopia and the horn in December, January and February?
- | | |
|------------------------------|------------------------------|
| A. The Northeast Tradewinds | C. The Equatorial Westerlies |
| B. The Equatorial Easterlies | D. The Southeast Tradewinds |
34. Which agroclimatic zones of Ethiopia is associated with low temperature?
- | | |
|----------|---------------|
| A. Dega | C. Woina Dega |
| B. Wurch | D. Qolla |
35. Which part of Ethiopia experiences merged Spring, Summer and Autumn Rainfall?
- | | |
|----------------------------|----------------------------|
| A. The Dallol Depression | C. The Southeast Lowlands |
| B. The Northwest Highlands | D. The Southeast Highlands |
36. What type of vegetation dominates over the peripheries of Ethiopia?
- | | |
|----------------------|-------------------------------|
| A. Alpine Vegetation | C. Semi-Desert Vegetation |
| B. Highland Forest | D. Sub Afro-Alpine Vegetation |
37. As Semein Fox is to the Bale and Semein highlands, Menilik's Bushbuk is to
- | | |
|------------------------------------|----------------------------------|
| A. The Afar and Southeast Lowlands | C. The Shewan and Bale highlands |
| B. The Nechsar Park and Snkalle | D. The Semein and Arsi Highlands |
38. Nechsar Park is at the verge of extinction, this is mainly due to
- | | |
|----------------------------------|---------------------------|
| A. Rapid expansion of settlement | C. Migration wild animals |
| B. Industrialization | D. Frequent wild fire |
39. Which of the sanctuaries below is established to protect elephants?
- | | | | |
|------------|------------|------------|-----------|
| A. Sankele | B. Babilie | C. Yabello | D. Jikawo |
|------------|------------|------------|-----------|
40. Which statement describes afforestation conservation measure?
- | | |
|---------------------------------|--|
| A. Planting trees on bare lands | C. Adopting alternative source of energy |
| B. Planting trees after harvest | D. Planting trees on urban areas |
41. What is the type of soil that rivers have transported from highlands to lowlands?
- | | |
|--------------|--------------|
| A. Yermosols | C. Cambisols |
| B. Fluvisols | D. Luvisols |
42. Which of the following is **NOT** among Malthus preventive checks to control rapid population growth?
- | | |
|--------------------------|--|
| A. Having fewer children | C. Avoiding sexual conduct before marriage |
| B. Late marriage | D. Artificial methods of birth control |

43. Which one of the following is typical feature of a rapidly growing population?
- | | |
|--|-----------------------------|
| A. The dominance of old age population | C. High life expectancy |
| B. A median age of 18 years | D. Low age dependency ratio |
44. Which one of the following is the most densely populated zone in Ethiopia?
- | | |
|-------------|------------|
| A. Ghedeo | C. Hadiya |
| B. Metekele | D. Kamashi |
45. Which of the following is **NOT** the main factor for the sparse population distribution in the lowlands of Ethiopia?
- | | |
|---------------------------------------|---------------------------|
| A. The prevalence of tropical disease | C. Irrigation agriculture |
| B. High temperature | D. Low rainfall |
46. Which one of the following economic activity is considered as “greedy of space”?
- | | |
|------------------|----------------|
| A. Mining | C. Pastoralism |
| B. Manufacturing | D. Agriculture |
47. Fertility rate is high in Ethiopia due to
- | | |
|----------------------------------|--------------------------------|
| A. High level of family planning | C. High social status of women |
| B. Late marriage of females | D. High infant mortality rate |
48. According to 2007 census, which regions of Ethiopia are the least and most urbanized respectively?
- | | |
|-----------------------------|------------------------------|
| A. Gambella and Addis Ababa | C. Benishangule and oromyia |
| B. SNNP and Addis Ababa | D. Dire Dawa and Addis Ababa |
49. Which continents in the world has the smallest area size?
- | | | | |
|-----------|---------|-----------|--------------|
| A. Africa | B. Asia | C. Europe | D. Australia |
|-----------|---------|-----------|--------------|
50. On which sub-sphere of the earth human related phenomena are included?
- | | | | |
|-------------------|----------------|----------------|--------------|
| A. Anthroposphere | B. Lithosphere | C. Hydrosphere | D. Biosphere |
|-------------------|----------------|----------------|--------------|
51. Which one of the following schools of thought believes human activities are controlled by the environment?
- | | |
|------------------------------|----------------------------|
| A. Environmental Possibilism | C. Applied Geography |
| B. School of Determinism | D. Quantitative Revolution |
52. Which of the following refers to the use of geographic analysis to solve socio-economic problems?
- | | |
|-------------------------|----------------------|
| A. Economic Geography | C. Sociology |
| B. Historical Geography | D. Applied Geography |

53. Among the following contour lines which one indicate a cliff?
- A. Evenly spaced contours
 - B. Crossing contours
 - C. Overlapping contours
 - D. Widely spaced contours
54. Which one of the following drainage patterns develop in areas where harder and softer rocks alternates?
- A. Dendritic drainage patterns
 - B. Trellis drainage patterns
 - C. Radial drainage patterns
 - D. Centripetal drainage patterns
55. Which one of the following characteristics of a river is different from the others?
- A. Interlocking spurs
 - B. Deep narrow valley
 - C. Oxbow lake
 - D. Steep gradient
56. When conurbation and large cities converge, the resulting settlement is referred to as
- A. Metropolis
 - B. Hamlet
 - C. City
 - D. Megalopolis
57. Which one of the following natural factors is responsible for the formation of linear settlement?
- A. Plain areas
 - B. Ridge landform
 - C. Water resource
 - D. Grazing land
58. Which of the following settlement was chosen due to its physical protection from enemy?
- A. Anko Ber
 - B. Bahir Dar
 - C. Wereta
 - D. Mojo
59. Among the following towns which one serves as center of exchange of goods and services?
- A. Commercial Towns
 - B. Industrial Towns
 - C. Market Towns
 - D. Communication Towns
60. Cartographers use a large vertical interval for areas with
- A. Dissected landforms
 - B. Rugged terrain
 - C. Rough terrain
 - D. Plain relief
61. A narrow land which connects Africa with Asia is called
- A. Strait of Gibraltar
 - B. Strait of Bab-el Mandab
 - C. Isthmus of Suez
 - D. Suez Canal
62. Which region of Africa is the most and least populous respectively?
- A. Eastern and Southern
 - B. Western and Northern
 - C. Northern and Southern
 - D. Western and Eastern

71. Which one of the following regions receiving high rainfall throughout the year?
 - A. Mediterranean region
 - B. Highland region
 - C. Tropical desert
 - D. Equatorial region
72. The type of desert which have relatively cooler temperature in Africa is
 - A. Sahara Desert
 - B. Kalahari Desert
 - C. Atacama Desert
 - D. Colorado Desert
73. Which of the following winds bring rainfall to the Mediterranean climatic region?
 - A. The Southeast Winds
 - B. The Westerly Winds
 - C. The Easterly Winds
 - D. The Northeast Winds
74. Which one of the following rainfall types dominates the highlands of Ethiopia?
 - A. Orographic
 - B. Conventional
 - C. Frontal
 - D. Cyclonic
75. Which of the following ocean current is mainly responsible for the temperature and rainfall of tropical maritime climate?
 - A. The Mozambique Warm Current
 - B. The Benguela Cold Current
 - C. The Canary Cold Current
 - D. The Falkland Warm Current
76. ----- is the process whereby soil loses its ability to retain moisture and causing famine
 - A. Drought
 - B. Desertification
 - C. Deforestation
 - D. Degradation
77. Among the following which one indicates river and its destination?
 - A. Nile River → Indian Ocean
 - B. Congo River → Mediterranean Sea
 - C. Niger River → Atlantic Ocean
 - D. Orange → Red Sea
78. Which one of the following rivers of Africa loses much of its total runoff through evaporation and seepage?
 - A. Congo River
 - B. Volta River
 - C. Nile River
 - D. Gambia River
79. Which of the following Ethiopian river is navigable for a good part of its course?
 - A. Abbay River
 - B. Ghennale River
 - C. Dabus River
 - D. Baro River
80. In which region of Africa is the thorn scrub savanna developed?
 - A. Highland Region
 - B. Sahel Region
 - C. Equatorial Region
 - D. Monsson Region

81. Which statement describes the desert and semi desert vegetation zone of Africa?
- A. Covers the wettest part of the continent
 - B. The plants are called xerophytes
 - C. They are empty of natural vegetation
 - D. They contain broad-leaved evergreen trees
82. Which of the following wild animals' conservation method is best to reduce people who kill animals to be honored by the society?
- A. Establishing national parks
 - B. Changing the economic condition of the people
 - C. Raising the people's awareness
 - D. Establishing game reserves
83. Which one is the most densely populated area in southern Africa?
- A. Kuwa Zulu Natal Region
 - B. Okovango Swampy Area
 - C. Namib Desert
 - D. Cape Province
84. Which of the following maps are used to show the distribution of average values?
- A. Isoplethic maps
 - B. Flow maps
 - C. Choroplethic maps
 - D. Chorochromatic maps
85. Among the following which one is major reason that influence people to have more children in Africa?
- A. Better access to contraceptives
 - B. High status of women
 - C. High level of illiteracy
 - D. Improved living standard
86. Which one is characteristics of African population?
- A. Low fertility rate
 - B. Slow population growth rate
 - C. Low median age
 - D. High dependency ratio
87. Recently which one of the following is the major pushing factor of migration in Ethiopia?
- A. Drought
 - B. Foreign aggression
 - C. Natural hazards
 - D. Ethnic tension
88. The science that studies how research is done scientifically is termed as
- A. Research Technique
 - B. Research Method
 - C. Research Methodology
 - D. Research Project
89. What type of research approach is used to study the effects of distance on transportation cost?
- A. Experimental Approach
 - B. Inferential Approach
 - C. Simulation Approach
 - D. Model Approach

