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Item I: Write True if the statement is correct and False if the statement is incorrect(1point each)

1. Topographical maps are types of maps which used to show the distribution of temperature on the earth's surface.
2. The lower the Area-Circumference ratio, the smaller the degree of compactness.
3. The scope of geography comprises only atmosphere and hydrosphere.
4. The south-eastern lowlands of Ethiopia support few population as the area experiences harsh climatic condition.

Item II: Match column "A" with column "B". Note: matching more than one alternative under "B" column is possible (1.5points each).

Column "A"	Column "B"
1. Formation of East Africa great Rift Valley	A. Precambrian Era
2. Major basement rock in Ethiopia formed	B. Paleozoic Era
3. Fossil evidence on the rock show marine life began in Ethiopia	C. Mesozoic Era
4. Denudation and peneplaination of gigantic land forms	D. Cenozoic Era
5. Sea transgression and regression in Ethiopia and the Horn	
6. Prolonged folding and Orogenetic process	

Item III: choose the correct answer among the given alternatives (1.5points each)

1. Due to longitudinal extension, Ethiopia has a difference of one hour between the most easterly (Ogaden at 48°E) and most westerly (Akobo at 33°E) points. Assuming that a flight takes only one hour and the airplane departs from Ogaden at 8:00am. Then what will be the landing time of a plane at Akobo?
   A. 9:00am
   B. 8:00am
   C. 10:00am
   D. 7:00am
2. One of the following mineral is not found in Ethiopia
   A. Gold
   B. Tantalum
   C. Base metal
   D. All
   E. none
3. Which one of the following is not correct about the topography of Ethiopia?
   A. Ethiopia has the largest proportion of elevated landmass in African
   B. The altitudinal ranges of Ethiopia is small
   C. More than 50% of the Ethiopian landmass is highland
   D. Because of its height and large area, Ethiopia is the Roof of East Africa
   E. None
4. Assume that the Boundary-Circumference ratio of Ethiopia, Somalia, Djibouti and Eretria is 1.5, 1.59, 1.8 and 1.23 respectively. What could be the first compacted country?
   A. Ethiopia
   B. Somalia
   C. Djibouti
   D. Eretria

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5. Which one of the following is the characteristic of Ethiopian Highlands?
   A. It is favorable for irrigation agriculture because of Vast plain lands
   B. There is higher amount of mean annual rainfall and temperature
   C. It is attractive for human habitation but the population densities is lower
   D. The possibility of rain-fed agriculture is higher than irrigation agriculture
   E. All are possible answers
6. Which one of the following is the largest Physiographic division in the western highlands?
   A. North central massifs
   B. The Shewa Plateau/central highlands
   C. The Tigray plateau
   D. The Southwestern Highlands
7. Which one of the following was the evidence of Alfred Wegener to hypothesize as the earth was one assembled supercontinent?
   A. Fit of the continents
   B. Continental glaciations in India, Australia and South America
   C. Match up of mountains in West Africa, North America, Greenland
   D. All are possible answers
8. Which one of the following is a correct statement about Ethiopian rift valley?
   A. As a result of altitudinal similarity, the temperature and climate is the same throughout the floor
   B. The social and economic life over the floor of rift valley is similarly practiced
   C. Cinder cones and volcanic mountains are widely observed in the central part of rift valley
   D. It is stretched from Awash River in the north to Chew Bahir in the south
   E. All are correct
9. Which one of the following activities could be impacted by the relief of Ethiopia?
   A. crop production
   B. Settlement pattern
   C. Infrastructural development
   D. All are possible answers
10. Which one of the following is odd among the given alternatives?
   A. Uplifting of the Arabo-Ethiopian landmass
   B. Formation of the Rift Valley
   C. Quaternary volcanism and deposition
   D. Formation of Adigrat sand stone and Hintalo limestone layers

Item IV: fill in the blank space provided (1point each)

1. _____ is a deposit formed as a result of blowing wind.
2. _____ is the smallest unit of geological time scale and encompasses a period of millions of years.

True or false items

I. If the statement is correct say "True" and if not "False"(1 mark each)

[redacted]1. Systematic geography is the study of the general characteristic of region.

[redacted]2. Human beings have always super power to shape the natural environment for his comfortable way of life.

3 10

[redacted]3. Fragmented shaped countries are divided from their other parts by either water, land or other countries.

[redacted]4. Compact shaped countries are difficult for defense, socioeconomic &cultural integration.

[redacted]5. The Cenozoic rocks cover 50% of the land mass of the Ethiopia.

[redacted]6. The Precambrian rocks are overlaid by recent rock formations.

II. Choose the best answer from the given alternatives.(1 mark each)

[redacted]7.The most active volcano in Ethiopia.

A, Afrera B, Fantale C, Erta Ale D, Aletu north of Lake Ziway E) All

[redacted]8. The geologic formations that host most mineral potentials of Ethiopia include all greenstone belts **except one.**

A, The Northern B, The Eastern C, The Western and South-western D, The Southern E, All F) None

[redacted]9. Which of the following is correct about tilting of the land transgression and regression of the sea and the direction of invading and retreating of the sea during Mesozoic era?

A. Adigrat sandstone is older and thinner at Southeast.

B. Hintalo limestone is thicker and older at Southeast.

C. Upper sandstone is thicker and younger at Northwest.

D. All of the above is correct

III. Match Column 'A' with Column 'B'

A)	B)
[redacted]21. Orogenesis	A) Cainozoic Era
[redacted]22. Denudation	B) Precambrian Era
[redacted]23. Ice Age and Pluvial Rains	C) Palaeozoic Era
[redacted]24. Formation of the Rift Valley	D) Mesozoic Era
[redacted]25. Epeirogenesis	E) Quaternary Deposition
	F) Quaternary period
	G) Tertiary Period

IV. Fill in the blank space and short Essay (5 pts) .

26 [redacted] are deposits on former lake beds and swampy depressions. (0.5 pt)

27. What are the basic volcanic features of the Aden series? List at least two features (1pt)

28. What are the Plate Tectonic Theory and Continental Drift Theory? (2pts)

10. Which one of the following mineral resources of Ethiopia is **correctly matched** with their area of abundance **except one**?

A) Gold- Benishangul-Gumuz B) Tantalum-Adola

C) Potash reserve- Dallol Depression of the Afar region

D) Platinum- Wellega E) All F) None

11. Geomorphic process refers to:-

A. processing modifying the surface forms

B. Processes shaping the earth's forms

C. Endogenic and exogenic process

D. Internal and external processes

12.Which of the following statement is correct about geography?

A. Human beings are not capable of modifying their environments.

B. All elements in the natural environment affect the way of life of its inhabitants.

C. There is a one way relationship between humans their environments.

D. Physical phenomena are evenly distributed over the surface of the earth.

13.Which of the following statement **is incorrect** about place?

A. Place helps geographers to compare and contrast two different places on earth.

B. Every place in the world has nearly similar characteristics

C. Place is the physical and human features of location.

D. Most part of high land area characterized by cold climate condition

14.All of the following country are belongs under horn of Africa **except one**?

A. Djibouti C. Sudan

B. Ethiopia D. Somalia

15.All of the following statement is true about Ethiopia **except one?**

A. Astronomically, Ethiopia is located between 3^0N and 15^0N and 33^0E to 48^0E.

B. Most part of Ethiopia boundaries is surrounded by coastline.

C. Most topographic nature of Ethiopia is plateaus when comparing with other counties.

D. The shape of Ethiopia is nearly compact shape.

16.Rock that considered to have the greatest potential for oil and gas deposits are belongs to:-

A. Cainozoic rock B, Paleozoic rock c, Precambrian rock D, Mesozoic rock

17.Which one of the following was an event of Mesozoic era in Ethiopia and the horn?

A. Formation of basement rocks

B. Alternative sinking and rising of the land in Ethiopia and in the horn

C. Formation of many of the recent volcanic mountains

D. The denudation & peneplation of the Ethiopian and the horn landmass

18.All of the following benefits are advantages for Ethiopia due to large size area coverage **except one?**

A. It possess diverse agro ecological zones

B. Have a large population size

C. It helps to easily integrations of socioeconomic activities

D. It possesses extensive arable lands.

19.Which one of the following is not true about a map?

A. A map is a two dimensional scaled representation of part of the earth surface on a flat body

B. A map is the exact representation of the shapes of the earth

C. A map represents information with the help of symbols

D. A map is a systematic identification of natural and manmade features.

20. From the following element of map which one is important to obtain the meaning of symbol on a map?

A. Scale C. Title

B. Legend D. North arrow