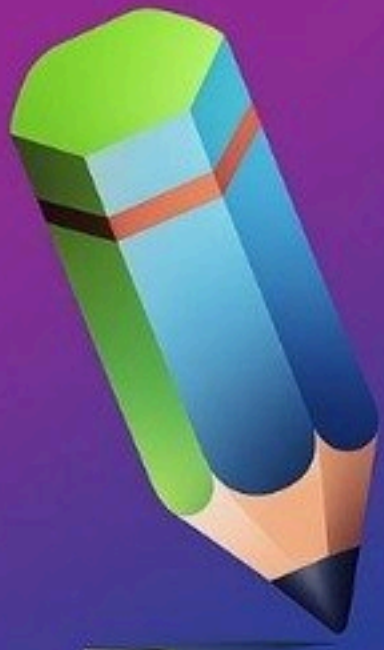

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write 'True' for the correct' statements 'and 'false' for the 'wrong statements (1 pt. each)

1. The geological time scale is built largely considering on an equal time interval.
2. Sea transgression was associated with the uplifting of the land mass.
3. Pangaea begin breakup during the Mesozoic era.
4. Folding is an example of geomorphic process
5. Absolute location describes the location of a feature with reference to the surrounding features
6. Map reading encompasses a systematic identification of natural and manmade features.

II: Choose the correct answer among the following alternatives (1point each)

1. _____ provides information about what a given map is all about.
   A. Projection B. Legend C. Grid D. Title
2. The higher the calculated value, the higher the degree of compactness will be;
   A. Boundary-Circumference Ratio C. Boundary-Area ratio
   B. Area-Circumference Ratio D. Area-A' ratio

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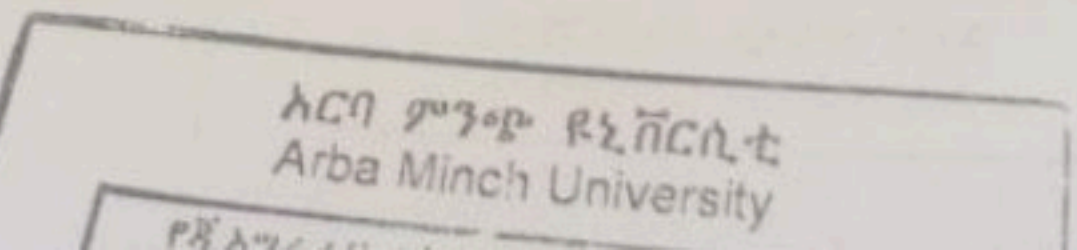
3. A Territorial shape of a state that exhibits a narrow, elongated land extension, leading away from the main body of territory is;
   A. Protruded B. Fragmented C. Perforated D. Elongated
4. The expression "**Addis Ababa**" experiences relatively low temperature as compared to "**Arba Minch**" belongs to which theme of geography?
   A. Location B. Place C. Region D. Human-Environment-Interaction
5. Ethiopia has the "**longest boundary share**" with_____ .
   A. Eritrea B. Djibouti C. Somalia D. South Sudan
6. A method geologists use to determine the **age of rocks** on the basis of the elements that the rocks contain;
   A. Geophysics B. Geochemistry C. Geochronology D. Inferences
7. Which aspect of Human-Environment-Interaction requires people to adjust their behavior to cope up with the challenging environment?
   A. Dependency B. Adaptation C. Modification D. Conquer
8. The direct reason to have thick Adigrat sandstone and upper sandstone in south east is/are?
   A. Shallowness of the retreated water in the south east C. Direction of water flow
   B. High water volume in the southeast D. Land tilting towards northwest
9. Which one is **Not true** about the Horn of Africa
   A. All Countries in the horn have different sizes
   B. Countries in the horn share cultural attributes like language
   C. All countries in the horn have Sea outlets
   D. Countries in the horn have diverse landforms



I. Choose the best answer from the given alternatives for each of the following questions and write the letter on the answer sheet in capital letter. (1 point each)

1. The pluvial rain that followed the last ice age was occurred during which period of the Cenozoic Era?
   A. Cretaceous period
   B. Tertiary period
   C. Quaternary period
   D. Jurrassic period
2. Ethiopia experiences tropical type of climate due to the result of its:
   A. Latitudinal extension
   B. Altitude
   C. Longitudinal extension
   D. Topography
   E. Elevation

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3. A Cenozoic deposit at the banks of rivers formed due to heavy rain that eroded the highlands of Ethiopia is termed as:
   A. Lacustrine deposition
   B. Fluvial deposition
   C. Glaciofluvial deposition
   D. Aeleons deposition
4. Of the following sentences one does not describe the advantage of large size countries?
   A. Having great diversity of natural resource
   B. Having diverse ethnic group
   C. Large army to protect its sovereignty
   D. Diverse agro-ecological zones
5. The major geological processes of the Paleozoic time in Ethiopia & the horn was
   A. Significant structural formation
   B. Peneplanation and denudation
   C. Uplifting in central part of Ethiopia
   D. Dominance of reptiles

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C. The description of geographical features in the Horn of Africa

D. The prediction of climate changes in Ethiopia

19. Which kind of geological event had no impact in the volume of rock formation in Ethiopia and the Horn?

A. Transgression and regression of the sea

B. Outpouring of huge quantity of lava

C. Denudation

D. Orogenesis

III. Give short answer (5%)

20. What are the physiographic effects of Rift Valley?

21. Briefly discuss the endogenic and exogenic Geological processes.