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ADDIS ABABA UNIVERSITY

December 5, 2019

FIRST YEAR GEOGRAPHY COURSE

TEST ONE

DIRECTION I: CHOOSE THE BEST ANSWER FROM THE GIVEN OPTIONS.

1. Open markets in Ethiopia provide centers where herders, town dwellers and farmers can trade goods. Which of the following themes of geography related to the preceding statement?  
A. Region B. location C. movement D. place E. human-environment interaction
2. Which of the following expression is not correct regarding the vicinal location of Ethiopia?  
A. Ethiopia is located in the Horn of Africa  
B. Ethiopia is located SW of the Arabian peninsula  
C. Ethiopia is located SE of Indian ocean  
D. Ethiopia is located south of Europe
3. Which of the following implications prevail in Ethiopia because of its proximity to Middle East?  
A. Climate modification from moderate to arid  
B. Socio-cultural diffusion  
C. Precaution of super powers meddling in the region  
D. Mutual benefit and respect
4. Which of the following group of countries have fragmented shape?  
A. Sudan, Ethiopia and Kenya C. Greece, Britain and Indonesia  
B. Saudi-Arabia, Iran and Russia D. Nigeria, china and India
5. How many degrees are covered by one time zone?  
A.  $12^{\circ}$  B.  $5^{\circ}$  C.  $15^{\circ}$  D.  $20^{\circ}$

$\therefore \text{hor} = \frac{360}{24} = 15$



$$\left(\frac{1}{2}\right)^4 = \frac{1}{16} \times 100 = 6.25\% = 6.25$$

Direction II: Answer the following questions

21. Write those clues proposed by Alfred Wegner to support his theory.
22. Describe the work of geological events of Mesozoic era in Ethiopia.
23. What percentage of parent isotopes and daughter isotopes will there be after four half-lives?
24. If you begin with 68g of an isotope how many grams of the original isotope will remain after four half-lives?
25. Where on earth is a continental rift forming now?

$$\begin{array}{l} 1 - \frac{1}{2} - 1^{\text{st}} \\ - \frac{1}{4} - 2^{\text{nd}} \\ - \frac{1}{8} - 3^{\text{rd}} \\ - \frac{1}{16} - 4^{\text{th}} \\ 6.2 \end{array}$$

$$68 \times 61$$

$$\frac{68 \times 1}{16} = 34 \times \frac{1}{16}$$

$$\frac{34}{8} = 4.25\%$$

$$\frac{32}{16} = 2$$

$$\frac{34}{8} = 4.25$$