

REPUBLIC OF BENIN  
UNIVERSITY OF ABOMEY-CALAVI  
FACULTY OF SCIENCE AND TECHNOLOGY  
DEPARTEMENT OF MATHEMATICS AND COMPUTER SCIENCE (MIAI)  
EXAMINATION ON SCIENTIFIC ENGLISH

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**SECTION:** 2018-2019

**Duration:** 02Heurs

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**Section 1:** Read the text and answer the question that follows

**Text:**

Mathematics plays a very important role in the development of technology. This mathematical science contains several branches of which it is necessary to speak of it. For example, mathematical formulas are the fundamental bases of science. In fact, they make it possible to calculate, among other things as, distances, surfaces, areas, volumes, etc. it is by knowing the distance which separates a point A from a point B that a car will know the amount of gasoline it will require. Also, a plane flying in the distance that separates it from its track landing and other external factors to estimate the time it takes to reach the destination. Likewise, in three dimensions or to create perspective on a plane. As an example, take the theorem of THALES. This theorem makes it possible to make computation estimates for inaccessible distances like the height of a pyramid. Thus, it is impossible to create a displacement, to imagine a surface, a curve or to distort an image without a minimum of mathematical knowledge.

**Questions**

1. Translate the text in French language
2. What is the title of the above text?

**Sections 2:**

1. Write down any three hundred (300) words of English language you know.

2. In all mathematical, how many numbers do we have? Mention them.
3. Interpret the following symbols in word
  - (i)  $\Delta ABC = \Delta BCD$
  - (ii)  $360^0 = 400\text{grad}$
  - (iii)  $AC/BC$
  - (iv)  $\Delta ABC \quad \text{---} \quad \Delta XY^2$

**Section 3:**

**Answer the following questions by choosing the appropriate correct option from (a) to (e)**

1. I feel both hot.....cool in my body at the same time (a) or (b) and (c) yet (d) still (e) however
2. It is not a pass.....fail examination; it is just for practice purposes (a) or (b) and (c) yet (d) still (e) even though
3. The man continued to beat his wife.....she still stayed in his house (a) whereas
4. Dadan-dindin is a wealthy man.....his children have no school sandals (a) and (b) or (c) however (d) even (e) but
5. Our teacher sometimes beats us.....(s)he does this because (s)he loves us(a) and(b) or (c) even (d) but (e) while
6. In order to be successful one must be hardworking.....prayerful; these are the two things necessary (a) or (b) but (c) yet (d) although(e) and
7. The principal does not want any of us to fail.....withdraw, from school; he says we must all graduate (a) and (b) but (c) even (d) or (e) still
8. ....Suberu eats a lot, he has a small stature (a) even (b) still (c) but (d) even though (e) yet
9. She was punished for coming late to school last week.....she came late again yesterday (a) or (b) yet (c) still yet (d) but (e) and
10. No one told me about the incident.....I knew about it (a) or (b) still yet (c) yet (d) and (e) even

**GOOD LUCK**