

TD1 CORRECTION

Malaria

Text:

Malaria remains a major cause of death and sickness in most *tropical* regions of the world, where it is *endemic* in 106 countries. In 2010, about 81% of the total 216 million malaria cases took place in Africa, and 13% of cases occurred in Southeast Asia¹. The largest proportion (91%) of the estimated 665,000 annual deaths from malaria occurs in Africa, mainly affecting children under five years old (86%). In the region of the Americas, over 670,000 confirmed malaria cases *occurred* in 2010, with 133 malaria-attributed deaths. *Transmission is active* in 21 countries putting about 20% of the *population* of the Americas at risk. Malaria imposes severe constraints on economic development and is an important cause of poverty in most disease endemic countries.

Although there has been sharp increase in *funding* for malaria *control*, disease reduction targets set by Roll Back Malaria² and National Malaria Control Programs *remain* unachieved in many countries. This is partly due to the lack of capacity in *generating* adequate knowledge on local disease epidemiology to inform *cost-effective* implementation and program management. In particular, capacity for *entomological monitoring* and surveillance is still *rudimentary* in many endemic countries. There is an urgent need for National Malaria Control Programs to create adequate numbers of trained personnel to effectively participate in malaria control activities and support generation (Williams, J., & Pinto, J. (2012). Training Manual on Malaria Entomology. *United States Agency for International Development*).

Questions:

1. Is the Malaria a deadly disease?
2. What is the continent the most suffering of Malaria cases?
3. What is the age range mainly affected by Malaria infection?
4. The Malaria Control Programs did achieve their goal in endemic regions: yes or no, argue your answer.
5. What does the Malaria Control Programs need to achieve their goal?
6. Give the opposite meaning of the underlined words.
7. Translate the italic words into Arabic and French language.

8. Give the definition of the italic words.
9. What are the verb conjugation tenses used in the text?
10. Take out of the text the adverbs used to joint ideas.

Correction:

- 1- Yes, malaria is a deadly disease.
- 2- Africa is the continent the most suffering of Malaria cases
- 3- The age range mainly affected by Malaria infection are children under five years old
- 4- The Malaria Control Programs did not achieve their goal in endemic regions due to the lack of capacity in generating adequate knowledge on local disease epidemiology to inform cost-effective implementation and program management.
- 5- The Malaria Control Programs need to create adequate numbers of trained personnel to effectively participate in malaria control activities and support generation.
- 6- Largest \neq **smallest, least**
 Severe \neq **tolerant, moderate**
 Unachieved \neq **achieved, completed**
 Adequate \neq **inadequate, inconvenient**
- 7- Synonyms :

English	French	Arabic
<i>Malaria</i>	Malaria, paludisme	ملاريا
<i>Tropical</i>	Tropicale	استوائي
<i>Endemic</i>	Endémique	مستوطن
<i>Occurred</i>	Eu lieu	حدث
<i>Transmission is active</i>	La transmission est active, transmission vectorielle	النقل عن طريق الحشرات الناقلة
<i>Population</i>	Population	سكان، مجموعة
<i>Funding</i>	Financement	التمويل
<i>Control</i>	Contrôler	مراقبة، سيطرة
<i>Remain</i>	demeurer	يظل

Generating	produire	انشاء
Cost-effective	Rentable	فعاله من حيث التكلفة
Entomological monitoring	Suivi entomologique	مراقبة الحشرات
Rudimentary	Rudimentaire	غير متطور

8- Definitions:

Words	Definition
<i>Malaria</i>	Malaria is a deadly disease caused by a parasite this parasite is transmitting to hosts by mosquitoes. People who get malaria are typically very sick with high fevers, shaking chills, and flu-like illness.
<i>Tropical</i>	In or from hottest parts of world
<i>Endemic</i>	A disease outbreak is endemic when it is consistently present but limited to a particular region.
<i>Occurred</i>	Exist or be found to be present in a place or under a particular set of conditions.
<i>Transmission is active</i>	The transmission is insured by vectors
<i>Population</i>	A population is defined as a group of individuals of the same species living and interbreeding within a given area.
<i>Funding</i>	Money provided, especially by an organization or government, for a particular purpose.
<i>Control</i>	The ability or power to decide or strongly influence the particular way in which something will happen or someone will behave, <i>it is as well the surveillance to determine a behavior.</i>
<i>Remain</i>	Continue to exist, especially after other similar or related people or things have ceased to exist.
<i>Generating</i>	To bring into existence
<i>Cost-effective</i>	Producing good results without costing a lot of money.
<i>Entomological monitoring</i>	It is a device for collecting and tracking data in time and space on vectors (insects).

<i>Rudimentary</i>	Only basic, and not deep or detailed.
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- 9- The verb conjugation tenses used in the text are: **The present (remains), The simple past (occurred), The present perfect (has been).**
- 10- The adverbs used to joint ideas in the text are: **Although, where, in, In particular.**