

ACADEMIE D'ENSEIGNEMENT DE BAMAKO
RIVE DROITE**COMPOSITION : 1^{ère} PERIODE**

SERIE : TS.EXP EPREUVE DE : ANGLAIS	2013/2014	DUREE : 2 h	COEF : 2
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TEXT: SHOULD WE PRACTICE GENETIC ENGINEERING?

Using genetic engineering to make exact copies of living plants and animals has always been one of the major concerns of scientists. Since 1997, with the first cloning of a sheep, genetic engineering has become part of real life and the subject of a public debate.

Some people think that human cloning is acceptable in medicine even if others say that it is unnatural. For example, human tissues can be cloned for use in organ replacement or gene therapy. Also, organs could be given by human who is cloned to save a patient. For instance, when a parent is suffering from a fatal disease and needs an organ donor, his parents who have already got cloned (brother or sister) would be a 100% compatible donor, for the gene therapy has a full chance to be successful. The two persons are like twin brothers. But an organ which is donated by another natural brother or sister would only give a 25% chance of being successful. Moreover, couples who can't have children may desire to clone a child from themselves. Today, some animal species are disappearing and we can apply the cloning system to animals in order to increase their number.

Although people saw the cloning of the sheep as a major advance in science it is just another step towards (playing with nature). Scientists have no idea of the long term negative effects that genetic engineering will probably have in future. The more we will continue to alter plants and animals by using genetic engineering, the more a great variety of their natural species will be eliminated from our planet. In addition, some scientists say that we could transplant organs from cloned animals into human beings. Many people rejected this idea, because they think it would be risky for our health.

Notes: twin: jumeau increase: augment major: main alter: change

T.S Exp - LV1: 1/3

QUESTIONS :

I – READING COMPREHENSION

A- Multiple choice questions : copy the complete sentence containing the correct answer.

1. Genetic engineering is applied to.....
 - a) Plants only
 - b) Animals only
 - c) Both plants and animals
 - d) Some species of animals
2. Though human cloning is accepted in medicine, it is said to be
 - a) Unnatural
 - b) Natural
 - c) Bad
3. The organs of a sister or brother who is cloned can be used to save a sick sister or brother with.....of chance
 - a) 25%
 - b) 50%
 - c) 75%
 - d) 100%
4. Transplanting organs from cloned animals to human being is.....
 - a) Impossible
 - b) Rejected
 - c) Accepted
 - d) Improbable

B- True/false questions : copy the true sentences and correct the false ones

1. The first cloning was done in 1997 on a person
2. Human tissues are used in organ replacement only
3. Cloning can be used to increase animal species that are disappearing
4. Cloning animals to plants is a danger to natural species.

C- Answer the following questions

1. Why does the cloning from a cloned brother or sister succeed?
2. What is genetic engineering?

D- Grammar: Complete the sentences. Use get/got + one of these words.

Angry, better, hungry, old, married, lost, nervous, wet

1. If you don't eat, you.....
2. Don't go out in the rain. You'll.....
3. My brother.....last year. His wife's name is Julia
4. The beginning of the film wasn't very good but it.....
5. Everybody wants to stay young but we all.....

II – TRANSLATION

A- Translate into English

Grâce au génie de génétique les hommes sont capables de transformer les plantes, les animaux et même les êtres humains. Plusieurs personnes pensent que nous risquons de perdre certaines espèces naturelles.

T.S Exp - LV1: 2/3

B- Translate in to French

From « Some people think..... » to « or gene therapy »

III – COMPOSITION

Choose only one topic

1. Are you for genetic engineering with animals to persons? Give two reasons to support your point of view
2. Bintou Tall, a student at LFASH Bamako, is single. She was born on May 25th, 1992 in Kayes. She is a Muslim and lives in Kayes Liberté. Rue 254, and Porte: 45 Kayes. Her contact phone number is 2264 05 050. She attended her fundamental school in 1998, kayes and passed the CEP in 2004, her DEF in 2007. She passed her Baccalaureate Exam in Lycée Doukolo Konare de Kayes 12eme SB. She speaks Fulfulde, Khasonke, Soninke and French. She reads and speaks ENGLISH and German. She can use Word processor, Excel. She likes cycling, joking, and cooking. She wants to study at the University of Colombia, Carolina USA.

Complete the form below for her, using the information

Name	Family name
Date of Birth	Place of Birth
Sex	Family status
Religion	contact phone number
Current Address	
School attended	
Exams passed	
Languages	
Skill	Hobbies
Career Ambition	

T.S Exp - LV1: 3/3