

RÉPUBLIQUE TUNISIENNE MINISTÈRE DE L'ÉDUCATION ***** EXAMEN DU BACCALAURÉAT	Épreuve : <b>ANGLAIS</b>	
	Sections : <b>Mathématiques, Sciences expérimentales, Sciences de l'informatique et Economie et gestion</b>	
	Durée : <b>2 H</b>	Coefficient : <b>1</b>
<b>SESSION 2016</b>	<b>Session de contrôle</b>	

Le sujet comporte 04 pages

### I. READING COMPREHENSION

1. A test that tells you how long you will live for is to go on sale in Britain this year. The £435 blood test will offer the alluring possibility of estimating your lifespan. Some scientists said the test could also provide insights into a range of age-related disorders like Alzheimer's and cancer. Others, however, have already raised questions about ethical issues.

2. Researchers working on the technology said they would be able to read a person's 'biological age' by the length of structures on the ends of a person's chromosomes, called telomeres. They believe telomeres are an important indicator of the speed at which a person is ageing. Several studies have indicated that individuals with shorter telomeres are likely to die younger than those with longer ones. Yet, the test cannot predict the exact number of years a person has to live.

3. Critics argue that the controversial new technology opens the way for insurance companies to demand tests before offering a policy. Dr Maria Blasco, the inventor of the commercial test, said: "We know that people who are born with shorter telomeres than normal have a shorter lifespan. Yet, we don't know whether longer telomeres give you a longer lifespan". She added that the test was simple and fast. Professor Von Zglinicki, an expert in the field, however, stipulated that telomere length might be good to compare groups, but by no means would it inform about an individual's health. He is also worried that companies trying to market fake elixirs of life may hijack the test. "Putting this on the market is premature", he maintained.

**Daily Mail** May 16<sup>th</sup>, 2011

(Adapted)

**COMPREHENSION QUESTIONS (12 marks)**

**1. Tick (☑) the most appropriate alternative. (1 mark)**

The text is mainly about a test that

- a. accurately calculates the number of years one will live for.
- b. helps increase the number of years one will live for.
- c. estimates the number of years one may live for.

**2. For each of the following statements, pick out one detail from the text showing that it is false. (4 marks)**

- a. The new technology is already widespread. (paragraph 1)  
.....
- b. The new technology cures some diseases. (paragraph 1)  
.....
- c. Longer telomeres are a proof of a longer life. (paragraph 3)  
.....
- d. Professor Von Zglinicki expects instant great sales of the test. (paragraph 3)  
.....

**3. Read paragraph 3 and pick out the two moral concerns about the new technology. (2marks)**

- a-.....
- b-.....

**4. Find words or expressions meaning nearly the same as the following. (2 marks)**

- a. attractive (paragraph 1) .....
- b. take control of (paragraph 3) .....

**5. What do the words underlined in the text refer to? (2 marks)**

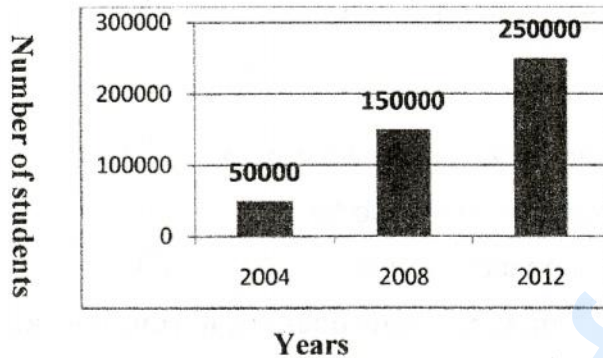
- a. others (paragraph 1) refers to .....
- b. those (paragraph 2) refers to .....

**6. Will you take this test? Why? Give a justified answer with reference to the text. (1mark)**

.....  
.....

**II. WRITING (12 marks)**

1. The following graph is about virtual school enrollment in the USA from 2004 to 2012. Write a **5-line report** in which you comment on the figures and mention the reasons for enrolling in a virtual school. **(4 marks)**



**Reasons for virtual school enrollment :**

- work and learn at the same time
- learn at one's pace

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2. While surfing the net, you came across an article published on Business News by a Tunisian university graduate. He wrote: "I really can't see any benefit in working as a government employee. It's much more interesting to set up one's own business". As a youth, you feel concerned with the issue of career planning. Write a **12-line article** in which you respond to the graduate's article. Express your views about your own career plan and state the reasons behind your choice. **(8 marks)**

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### III. LANGUAGE (6 marks)

1. Fill in the blanks with six (6) words from the box. There are two extra words. (3 marks)

concerned - demanding - headed - members - campaigning - attended - discrimination - flexible

Making gender equality at work a reality has been an ongoing battle for over a century. On March 19<sup>th</sup>, 1911, more than one million women and men across Europe ..... rallies honouring the first International Women's Day. They were ..... for women's rights to vote, work, and hold public offices, aiming to end ..... against women.

A century on, we are still ..... progress to achieve gender balance. Currently, only 100 companies are ..... by women, and just 23% of total boards of management..... are women. If we truly want to make a change, then everybody of us needs to pull their weight.

2. Put the bracketed words in the right tense and/or form. (3 marks)

Pakistani child education activist, Malala Yousafi and Kailash Satyarthi, an Indian child rights campaigner, have jointly won the Nobel Peace Prize. At the age of just 17, Malala is (young).....recipient of the prize ever. The teenager (shoot) ..... in the head by Taliban gunmen in October 2012 for her (struggle)..... for girls' education in Pakistan. Malala said she was honoured to receive the award. The Nobel Prize Committee praised the pair's fight against child (oppress)..... .The Committee said: "Mr Satyarthi (maintain) ..... the tradition of Mahatma Ghandi and led various peaceful (protest)..... for long years, focusing on the grave exploitation of children for financial gain".