#### RÉPUBLIQUE TUNISIENNE MINISTÈRE DE L'ÉDUCATION

●●○●● EXAMEN DU BACCALAURÉAT SESSION 2017 Épreuve : ANGLAIS

Section: Sciences Techniques

Durée: 2h

Coefficient: 1

Session de contrôle

Le sujet comporte 4 pages

# I- READING COMPREHENSION A- THE TEXT

- 1. It is the first day of school in a classroom in South Korea. The door swings open as children scurry to their seats. But rather than a human teacher waiting at the chalkboard, a robot greets the class. A white and yellow tower on wheels, the robot has a screen face, moveable arms and has the capability to make gestures. Robosem is a telepresence-focused robot that teaches English in a <u>country</u> where certified English teachers are scarce. South Korea is a leader in implementing classroom robotics in every kindergarten program, and the phenomenon is quickly spreading.
- 2. But will robots one day replace teachers? "No. Never. Ever. Ever," said Brian Johnson, Intel futurist. "Education is about people. However, robots can be excellent extensions of parents and teachers at home and in the classroom." Johnson sees that for children with different learning styles or learning disabilities, robots can be excellent teachers and learning companions. "Unlike computers or tablets, robots are social and can connect with children," he said.
- 3. In the United Kingdom, the newly-developed Kaspar helps autistic children. Specially designed with a human-like face and the tacit complexities therein, Kaspar helps teach facial expressions and appropriate physical contact, creating a safer learning environment for special-need children.
- 4. Rubi, in the USA, runs through repeated exercises to teach foreign languages to pre-schoolers and has proven quite successful at teaching language cooperation. Johnson, however, believes robots can be excellent assistants, but are still just machines, lacking in human emotional intelligence and spontaneity. "All technology is a tool—just different types of hammers," he says.

Adapted from http://iq.intel.com/

October 30, 2014

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er Fleenings (4 mars	ANGLAIS (SECTION: Sciences Tech	iniques)	
B- Comprehension qu	uestions (12marks)		
I) Read the text and tick The text is mainly	(✓) the right option. (1mark) about:		
	ages without robots		
b) using robot tea	chers in the classroom	rite in the second	
c) replacing all tea	achers with robots.		
2) For each of the follow	ving statements, find one detail sho	owing that it is false.	. (2 mark
a. South Korea is far	behind other countries in using robo	ts in the classroom. (	parag. 1)
h English teaching	obots are not able to communicate w	ith children (narag	2)
b. Engish-teaching i			
four. (3 marks)  Country	Robot	Target Lear	rners
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# NE RIEN ECRIRE ICI

## II- WRITING (12marks)

1) Use the notes below to write a biography of Alexander Fleming. (4 marks)

Name	Alexander Fleming
Date and place of birth	Scotland/ August 1881
Education	study/ medicine/ University/ London
Achievement	discover penicillin: 1928
Award	Nobel Prize/ medicine
Death	March 1955
(Freezing migrimoses)	and a South congress of the conjunction of the conj
	The state of the s
2) As tourism in Tuni	sia is going through hard times, you have decided to write a ten-line
advertisement, to	post on your Facebook page, in which you encourage tourists to visit
your country. (8 m	
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#### NE RIEN ECRIRE ICI

## III- LANGUAGE (6 marks)

## 1) Fill in the blanks with 6 words from the list below. (3marks)

fit - weight - estimated - diet - obese - over - unless - cure

The problem of childhood obesity in the United States has grown considerably in recent years.
Between 16 and 33 % of children and adolescents are
easiest medical conditions to recognize but most difficult to
Unhealthy gain due to poor diet and lack of exercise is responsible for
at nearly \$100 billion. Overweight children are much more likely to
become overweight adults they adopt and maintain healthier patterns of
eating and exercise.

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