

BACCALAURÉAT GÉNÉRAL

SESSION 2013

ANGLAIS

CORRIGE

LANGUE VIVANTE 2

Séries Générales

Durée de l'épreuve Série L : 3 heures – Coefficient : 4

Durée de l'épreuve Séries ES/S : 2 heures – Coefficient : 2

Ce corrigé comporte 4 pages numérotées de 1/4 à 4/4 et une page barème.

Compréhension	10 points
Expression	10 points

CORRIGE

NOTE IMPORTANTE AUX CANDIDATS

Les candidats traiteront tous les exercices **sur la copie** qui leur sera fournie et veilleront à
- respecter l'**ordre des questions** et reporter la **numérotation** sur la copie (numéro de l'exercice et, le cas échéant, la lettre repère , ex. 1a, 1b, etc.)
- faire précéder les citations éventuellement demandées du **numéro de ligne** dans le texte.

COMPREHENSION

1 - Read the two texts, copy and complete the following chart:
(15 pts)

	TEXT 1	TEXT 2
a) Type	News article	News article
b) Author	John Markoff	Nick Walsh
c) Source	NY Times	The Observer
d) Is it informative or fictional?	informative	informative
e) Subject	Baxter the friendly robot/ Man-friendly robotics	The need for cyber technology/ genetic engineering

2 – Who or what do the following names refer to? (12 pts)

- a) Baxter: a robot
- b) Rethink: a robot manufacturing company
- c) Rodney Brooks: founder of Rethink, robotocist
- d) Stephen Hawking: physicist
- e) John Markoff: journalist for the NY Times
- f) Nick Walsh: journalist for the Observer

3 – Focus on text 1:

3.1 Choose six adjectives characterizing Baxter. Justify by quoting from the text.

(ES/S: 18pts, 3 pts par adjectif – L:12 pts, 2 pts par adjectif)

*ambitious - **benign** - creepy - dangerous - fast - **friendly-looking** - imprecise - inexpensive - safe - slow*

*'The sensation.....**but benign**'*

*'...disarmingly **friendly**'*

*'...relatively **slow and imprecise**'*

'...an elaborate array of safety mechanisms'

'...an inexpensive machine'

3.2 Are the statements Right or Wrong? Justify with a quote from - or a reference to - the text:

(15 pts: 3 X 5)

a) Right / Wrong	Rethink Robotics is an American company.
Quote	"in New England"
b) Right / Wrong	Rethink Robotics began selling the Baxter robots in the 1980s.
Quote	"the robot that Rethink will begin selling in October (+ 2012).
c) Right / Wrong	The company has created a robot that is dangerous for humans.
Quote	"Baxter (...) is a significant bet that robots in the future will work directly with humans in the workplace". "it has an elaborate array of safety mechanisms and sensors to protect the human workers it assists" "The company is betting it can broaden the market for robots by selling an inexpensive machine that can collaborate with human workers"
d) Right / Wrong	Robots today do not work in direct contact with humans.
Quote	Today's machines (...) are kept safely isolated from humans"
e) Right / Wrong	The price of a Baxter robot will remain high.
Quote	The company is betting it can broaden the market for robots by selling an inexpensive machine.

- 3.3 In a few words, compare Terminator-like robots and Baxter. (15 pts)

Contrary to Terminator, Baxter is a robot designed to assist humans in the workplace. Terminator is a military grade robot whose design is to kill and destroy humans. One is slow, friendly and safe, the other fast, creepy and dangerous.

4 – Focus on text 2:

- 4.1 How does Hawking feel about "intelligent machines"? (12 pts)

He considers them to be a danger to mankind and is afraid they'll take control of our lives.

- 4.2 What solutions does he suggest? What would be the objective of each solution? (ES/S: 13 pts – L: 10 pts)

He suggests two solutions:
change our DNA and invest in cyber-technology.

By changing our DNA, we would become better equipped to prevent machines from taking over.
Cyber-technology would allow us to use the power of machines to our advantage.

Seuls les candidats de la série L traiteront la question suivante.

5 – Compare and contrast how the two texts present and analyse the issue of machine intelligence (80 to 100 words).

(9 pts)

Text 1: a promotional text for the guy who created Baxter; it's positive.

Text 2: negative; it warns against the danger of intelligent machines.

EXPRESSION

Les séries L traiteront les **deux** sujets.
Les séries S et ES choisiront **un** sujet.

A – How do you feel about the rise of intelligent machines? Do you think they are dangerous? Discuss and illustrate your point using precise examples.

B – Imagine living with a robot in your home. Write about a typical day in the company of your robot.