

ANGLAIS
BEP – SECTEUR A
INDUSTRIEL

(Toutes spécialités sauf M.E.C.S.I.)

DUREE : 1 h 00

COEFFICIENT : 1

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Le présent sujet comporte 5 pages numérotées de 1/5 à 5/5.

Le candidat répondra directement sur le sujet qu'il joindra à sa copie.

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ROBOTS TO THE RESCUE

In the 1920s, a science fiction writer “invented” the word robot. By the 1960s, companies had developed real but very simple robots to work in factories, relieving humans from many boring or dangerous jobs.

A BETTER LIFE

Today’s robots are complex, docile and even “emotional”. Some resemble humans, others look like insects. But no matter what cool things robots can do, all have one common purpose: making humans' lives better.

ROBOTS BEHAVE LIKE HUMANS

Usually operated by computer, a robot has software that tells it how to respond to what its sensors or cameras feel or see. Robots can also be programmed to “grow up” or change overtime.

HUMANS' ASSISTANTS

Scientists have to create complex robots step by step. They develop one technology, such as recognising emotions, then another, such as learning. Put these two together and you could have a robotic nurse in a hospital that recognises when a patient is in pain and knows how to find a doctor.

You won't call them robots, no more than you'd call a microwave oven a computer, though it has a computer in it. One thing's for sure: you will call them cool- especially when you program them to clean your room, help homework, or make you a pizza.

From VOCABLE, March 2001

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ROBOTS TO THE RESCUE

1- Vous faites partie du club des passionnés de robots de votre lycée.
 Afin de donner quelques explications à vos camarades à ce sujet, complétez le tableau suivant en vous aidant du texte. (5 points)

| | RIGHT | WRONG | JUSTIFY |
|---|-------|-------|---------|
| 1-In the 1960s, robots were developed to work in offices. | | | |
| 2-The <i>purpose</i> * of robots is to look like insects. * le but | | | |
| 3-To operate, a robot must have software to respond to its sensors and cameras. | | | |
| 4- A "robotic nurse" is a suffering patient who wants to see a doctor. | | | |
| 5-Robots are cool because they can help doing your housework | | | |

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2- Reformulez le questionnaire de l'enquête faite par le club à partir des réponses données. (5 points)

- a)?
- Yes, I'm very interested in robots.
- b)?
- Because robots are just fascinating.
- c)?
- The word "robot" was first used in the Czech republic.
- d)?
- A Czech author Karel Capek invented it.
- e)?
- I joined this club two years ago.

3- Vous racontez la journée consacrée à ce thème à vos amis anglais. Présentez dans le texte suivant votre expérience ainsi que vos projets présents et futurs. (3 points)

My school (organize) a conference about robots yesterday and I (be) in charge of a group conducting experiences with the machines we.....(invent).

Next year, we(go) to Paris to participate in a competition against other schools. At the moment, we(try) to improve our technical knowledge. Believe me, every day, I (learn) a lot of new and surprising notions about robots.

4- Vous découvrez un texte très intéressant sur les robots. Malheureusement, certains mots ont été effacés. Essayez de les retrouver parmi les mots suivants en ne les utilisant qu'une seule fois. (3 points)

ANY / FEW / NO / MUCH / SOME / MANY

..... people are attracted by robots because they can help humans. In fact, they have already replaced factory workers for..... time. Over the years, money has been spent and one can ignore robots anymore. Finally,..... robots are cheap to build but can a robot perform task?

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