

EPREUVE D'ANGLAIS

Durée : 01 heure
Coefficient : 02

Text: The industrial robot

An industrial robot is a mechanical device which can be programmed to perform a useful industrial task.

Nowadays, robots are usually programmed to do specific and monotonous tasks. In fact, on an assembly line, the robot could very well do the same task day and night, every day of the year.

In many cases, a robot can execute the work of several people. In an industry full of robots, a relatively small number of people is needed to operate the plant.

One such complex, the Yamazaki Machinery Works in Kentucky, produces the equivalent of a factory which employs hundreds of workers yet only six people are required to maintain the multitude of robots within the plant.

Robots and People: The Age of the Personal Robot
MC Graw Hill Publishing, Adapted.

I. Vocabulary (4 points)

A. Find in the text a synonym for each of these words: (2 pts.)

1. to execute
2. the plant

B. Find in the text a verb deriving from each of these words: (2 pts.)

1. production
2. employee

II. Comprehension (8 points)

A. Write "True" or "False" in front of the number of each statement according to the text. (4 pts.)

1. The robot does all sorts of industrial work.
2. The robot usually performs varied tasks.
3. The robot can work without stopping.
4. The robot can execute the work of many people in a factory.

B. Answer these questions according to the text. (4 pts.)

1. What are robots used for?
2. How many people are necessary to operate a plant full of robots?

III. Language Practice (8 points)

A. Put the verbs in brackets into the correct tense. (4 pts.)

1. They (to build) a new plant here now.
2. A robot usually (to do) the task of many people in the factory.
3. This robot (to break) down two years ago.
4. They (to order) a new robot next month.

B. Turn these sentences into the interrogative form. (2 pts.)

1. This factory produces mechanical devices.
2. The robot performed all the dangerous works.

C. Turn these sentences into the passive voice. (2 pts.)

1. Robots perform monotonous tasks.
2. The factory will employ a lot of workers.