

# Welcome to robot world !

## FINAL TEST

### Vocabulary

#### 1. How computer-literate are you? Divide these words into two groups:

go on-line, electronic mail, monitor, website, button, digital messages, down load, mouse, keyboard, browse the Net, printer, save a file

1 parts of a computer: .....

2 things you can do, send or receive on a comp .....

.....

...../12

#### 2. Match the vocabulary with the definitions:

hacker, the Net, screen, virtual (world), e-mail, mouse

1 a system where people can send messages to each other by computer

2 images produced by computers that surround the person looking at them and seem to be real

3 computer system that allows millions of people around the world to exchange information

4 the flat surface at the front of a television or computer

5 small device moved by hand to control the movement of the cursor on a computer screen

6 a person who enters other people's computer programmes without permission

1 .....

3 .....

5 .....

2 .....

4 .....

6 .....

...../6

#### 3. Write the opposite to each word:

subtraction/.....

true/.....

outside/.....

open/.....

backward/.....

turn on/.....

released/.....

save/.....

...../8

#### 4. Join the beginnings and ends:

1 The noise from the motorbike

2 Jane pushed with all her power

3 I bought a robot helper

4 Where can I order

5 My dream is an intelligent bathroom

6 I can type and also

7 The application is designed

8 I've just downloaded the new

a that cleans my house.

b use a word processor.

c but she still couldn't move the car.

d to locate an available products.

e file for your use.

f disappeared into the distance.

g a computer security system?

h that automatically runs my bath.

1.....

3.....

5.....

7.....

2.....

4.....

6.....

8.....

...../8

# Reading

## 5. Read the article and decide whether statements 1-6 are true or false. Write T or F.

The NXT is the brain of a Mindstorms robot. It is an intelligent, computer-controlled LEGO brick that lets a Mindstorms robot come alive and perform different operations.

You connect a USB cable to the USB port and download programs from your computer to the NXT. You can also use the wireless Bluetooth connection for uploading and downloading. Bluetooth is a technology that makes it possible to send and receive data without using cables.

The three servo motors give your robot the ability to move. Each motor has a built-in rotation sensor. This lets you control your robot's movement and also set different speeds for your motors.

1 The NXT is an intelligent LEGO brick. ....

2 You can connect your computer to the robot. ....

3 You can't use the bluetooth to download programs. ....

4 Bluetooth needs cables to work. ....

5 Servo motors have some sensors. ....

6 The robot can't move in different speeds. ....

...../6

Total ...../40

## ANSWER KEY

1. 1 monitor, mouse, keyboard, printer, button  
2 go on-line, electronic mail, website, digital messages, download, browse the Net, save a file
2. 1 e-mail  
2 virtual  
3 the Net  
4 screen  
5 mouse  
6 hacker
3. subtraction/addition  
backward/forward  
outside/inside  
released/pressed  
true/false  
turn on/turn off  
open/close  
save/delete
4. 1 f, 2 c, 3 a, 4 g, 5 h, 6 b, 7 d, 8 e
5. T, T,F, F, T, F