بسم الله الرحمن الرحيم

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Action Pack 12

Units 1- 4

ملخص القطع ـ ٢٠١٩

الدورة الشتوية

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The Internet of Things

Everyone knows that the internet **connects people**, but now it does more than that-
it **connects objects**, too. These days, computers often communicate with each other, for example,
your TV automatically downloads your favourite **TV** show, or your **'sat nav' system** tells you
where you are. This is known as the 'Internet of Things', and there's a lot more to come.

1. The internet connects two things . Mention them.   1. People   2. Objects

2. Examples : 1. TV automatically downloads your favourite TV shows.

2. 'Sat nav' system tells you where you are.

3. Find a word in the paragraph which means "speak to " .
Communicate

4. **What does 'The internet of Things' mean ?**
 The connections between different computers.

In just a few years' time, experts say that billions of machines will be connected to each other and to
the internet. **As a consequence,** computers will increasingly run our lives for us. For example, your
fridge will know when you need more milk and add it to your online shopping list; your **window**
will close if it is likely to rain; your **watch** will record your heart rate and email your doctor; and
your **sofa** will tell you when you need to stand up and get some exercise.

1. Reason   : billions of machines will be connected to each other and to the internet
Result   : computers will increasingly run our lives for us

2. Examples about the Internet of Things in the future :

1. your fridge   : will know when you need more milk **and**   add it to your online shopping list
2. your window : will close if it is likely to rain
3. your watch   : will record your heart rate **and** email your doctor
4. your sofa   : will tell you when you need to stand up **and** get some exercise.

3. **3. How will the 'Internet of Things' help you to keep fit, according to the text ?**
The sofa will tell you when to get some exercise.

Many people are excited about the ' Internet of Things' . For them, a dream is coming true. They
say that our lives will be easier and more comfortable. However, **others** are not so sure. They want
to keep control of their own lives and their own things. In addition, they wonder what would
happen if criminals managed to access their passwords and security settings. The dream could easily
become a nightmare!

1. Many people are excited / satisfied / sure about the Internet of Things.
Why ? Explain. Give the reason.

They say that our lives will be easier and more comfortable.

2. Other people are not excited / not satisfied /not sure about the Internet of Things .
Why ? Mention two reasons .

1. They want to keep control of their own lives and their own things.

2. They wonder what would happen if criminals managed to access their passwords and
 security settings

3. The word "others" means :   Other people

What are the advantages and disadvantages of the ' Internet of Things' ?

Advantages		Disadvantages	
Health	- monitor health and activity. - fridges advise on healthy eating - more time to relax	**Privacy**	- everything you do is tracked
Transport	- driverless cars automatically avoid crashes - traffic controlled more efficiently - no more traffic jams	**Security**	- criminals could get control of your personal information - criminals could take over the whole system
At home	- control washing machines, cookers, ..etc. with your phone. - lights and heating go on and off automatically (saving energy)	**Safety**	- computers sometimes fail - consequences could be terrible
Leisure	- smart TV automatically download your favourite shows. - music system play music to suit your mood	**Employment**	- many thousands of jobs are lost