


STUDENT'S NAME _____ DATE _____


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LISTENING ____/100

- 1**  **UT Track 4** Listen to an interview with a private detective who is talking about her job. Choose the correct words and phrases to complete the sentences.

10 pts each ____/50

- 1 In films, private detectives often spend their time trying to **stop** / **solve** murders.
- 2 Emmeline says she spends **all** / **a lot of** her time at her desk.
- 3 Some companies investigate their employees if they **don't like** / **are absent from** their jobs.
- 4 Private detectives sometimes have to **share their evidence** / **defend their client** in court.
- 5 Emmeline was pleased to find a brother who had **got lost** / **lost touch** with his sister.

- 2**  **UT Track 4** Listen again and decide whether each statement is true (T) or false (F).

10 pts each ____/50

- 1 Emmeline has been working as a private detective since she was 30 years old.
T / F
- 2 A private detective often needs to spend a lot of time working indoors.
T / F
- 3 Private detectives infrequently follow the people they are investigating.
T / F
- 4 Most of the cases that Emmeline deals with are similar in nature.
T / F
- 5 It is particularly important for private detectives to work within the law.
T / F

The future of crime

A A newspaper article in the late 1990s made some interesting predictions about the crimes of the future. It described a high-tech attack in which a gang of thieves takes a bank manager prisoner, using mobile phones and electric guns. After disabling the alarms and telephone system, the gang forces the manager to hand over the codes for the bank's computers. Then it's just a question of logging on and stealing the money. Just twenty years later, however, this situation seems unlikely because hackers could just take the codes without even leaving their bedrooms.

B Although the writer was right about crime becoming more innovative, they underestimated the technological advances to come. In a short space of time, the internet changed the way we communicate and criminals were quick to realise that it's the perfect way to avoid being caught. Rather than being present at the crime scene, cyber criminals can do their work from hundreds, or even thousands, of kilometres away. As a result, 'traditional' crimes like bank robberies and burglaries are down around sixty percent. Instead, there has been a crime wave in areas such as internet fraud, which guarantees bigger takings with less chance of being caught. For example, in 2013, a gang of international criminals used the internet for a huge credit card trick, which earned them more than 45 million dollars in just half a day.

C Until now, most cyber criminals have focused on the theft of personal information and bank details. However, with the 'Internet of Things' this is likely to change. The latest technological developments have seen a growing number of physical objects connected to the internet. For example, computerised voice assistants are now accessible and affordable for many homes. These little boxes can be used to control door locks and alarms, as well as communicate with the outside world. While this might mean added convenience for the homeowner, for the cybercriminal it's something else to be hacked for criminal gain. Because of this, it's not difficult to imagine a situation where a hacker decides to kidnap someone, simply by locking them inside their own home and cutting off communication with the outside.

D Another area of daily life which will be under greater threat is transport. Fortunately, hijacking is a relatively uncommon crime, which doesn't affect many of us. However, hackers have already demonstrated their ability to take control of the onboard computers on cars in order to control the cruise control and braking systems. With the self-driving cars of the very near future, hackers will actually be able to control the entire car, even as the owner is sitting inside it. The same is likely to be true of aircraft and just about any other form of transport which is controlled by a computer. This raises the possibility that there will be more hijacking for criminal gain.

E Nevertheless, the most worrying thing is that humans themselves could be the target of cyber attacks. Thousands of people around the world have mechanical body parts and many are now connected to the internet. For example, the pacemaker is a common device which is implanted in the body and ensures that the wearer has a regular heartbeat. The latest pacemakers are then accessible via the internet so that doctors can monitor the heartbeat and make adjustments. However, if doctors can control it, so can hackers, and the consequences of criminals gaining access to pacemakers is unimaginable.

10 pts each ____/50

7 Read the article and match the summaries (1-5) with paragraphs A-E.

- 1 There has been a significant increase in certain online crimes. _____
- 2 Cyber criminals may be able to take control of vehicles. _____
- 3 A sophisticated type of bank robbery was predicted by a journalist. _____
- 4 Criminals may be able to gain access to people's houses. _____
- 5 It's possible that people will be attacked by using computers. _____

8 Read the article again. For each question write a short answer using a maximum of four words.

10 pts each ____/50

- 1 What type of crime did the newspaper article give a description of?

- 2 What did the author of the newspaper article not fully appreciate?

- 3 What are two reasons why computerised voice assistants are becoming popular?

- 4 When are cyber criminals likely to be able to take complete control of a car?

- 5 What does a pacemaker try to maintain in its wearer?

GRAMMAR AND VOCABULARY ____/100

9 Complete the sentences with the words in the box. There are three extra words you do not need to use.

accused | fine | guilty | judge | jury
trial | verdict | victim

- 1 The _____ thought the thieves were sorry for their crimes so she gave them a shorter sentence.
- 2 The case is very complicated so I imagine it's going to take a long time to reach a _____.
- 3 People tend to get a _____ for driving offences unless it's something serious.
- 4 My grandmother was the _____ of a nasty crime. Some criminals got hold of her credit card details and bought loads of items with it.
- 5 The jury decided he was _____ and he got sentenced to five years in prison.

2 pts each ____/10

9 Complete the sentences with the phrases in the box.

carbon footprint | global warming | greenhouse effect | renewable energy | toxic waste

- 1 In order to protect the environment, we need to use more _____ like wind and solar power.
- 2 When _____ is put in the ground, it can poison the earth for thousands of years.
- 3 A good way to reduce your _____ is by flying as little as possible.
- 4 Temperatures have been slowly rising due to the _____ and now they are reaching dangerous levels.
- 5 Scientists think that _____ will have caused the Arctic ice cap to melt completely by 2050.

2 pts each ____/10

5 Choose the correct words to complete the dialogues.

- 1 **A:** Excuse me. I was wondering if you **can** / **could** pass me that magazine.
B: Of course, here you are.
- 2 **A:** I wish you **don't** / **didn't** have to leave so early.
B: Me too, but I've got some things to do at home.
- 3 **A:** **If** / **Supposing** you had more free time. What would you do with it?
B: I'd probably do a lot more reading.
- 4 **A:** Shall I show you how to complete this level?
B: I'd rather you **don't** / **didn't**. I want to work it out myself.
- 5 **A:** It's a shame you missed the football. It was a great match.
B: Yes, I wish I **finished** / **'d finished** my homework sooner.

2 pts each ____/10

6 Complete the sentences with the correct form of the verbs in brackets.

- 1 If only she _____ (say) anything to Dad. The present would still have been a surprise.
- 2 What if we _____ (be able to) travel to Mars. Would you go there?
- 3 It's high time you _____ (stop) taking sugar in your tea. It's really bad for your teeth.
- 4 I wish you _____ (talk) so loudly. You'll wake the baby up.
- 5 I'd rather he _____ (take) my book without asking. I needed it for school.

2 pts each ____/10

____/5

Choose the correct words (a, b or c) to complete the text.

Although there has been a rise in some types of crime in the UK, the overall (1) _____ has not changed dramatically. Where there has been an increase, the police think that it is due to a number of factors. One is that the victims of crime are now more likely to (2) _____ and report incidents to the police. Another is that some types of behaviour, like trolling (social media attacks), were not considered crimes in the past. These are now taken much more seriously and people are less likely to be (3) _____ by the police. In fact, the number of people being charged and found (4) _____ of internet-related crimes has gone up significantly. In many cases, the sentence for these crimes includes one to two years of (5) _____. Although it is worrying that crime has increased, we can be reassured that criminals are not getting away with it.

- | | |
|-----------------------|-----------------|
| 1 a) crime prevention | b) crime wave |
| c) crime rate | |
| 2 a) come forward | b) make for |
| c) break in | |
| 3 a) turn in | b) beat up |
| c) let off | |
| 4 a) guilty | b) accused |
| c) justice | |
| 5 a) evidence | b) imprisonment |
| c) fine | |

2 pts each ____/10

Complete the text with the correct form of the verb in brackets.

The ozone layer is a layer of chemicals which protects us from the sun's radiation. If there was no ozone layer, we

- (1) _____ (be able) to survive on Earth. In the 1950s a hole in the ozone layer was discovered and in the 1980s a group of scientists discovered that it was getting worse. They believed that if we
- (2) _____ (do) something about it, this hole would cause serious damage to life on Earth. Scientists realised that this problem was partly caused by chemicals found in aerosol sprays and refrigerators. They thought that we could only solve the problem if we
- (3) _____ (stop) using them. As a result, many governments decided to ban them. Thirty years later, scientists have confirmed that the hole is getting smaller. If it hadn't been for that group of scientists, we
- (4) _____ (find out) about the hole in the ozone layer. If the governments
- (5) _____ (act) so decisively, we might be living in a very different world today.

2 pts each ____/10

3 pts each ____/15

Write a form of the word in capitals in each gap to complete the text.

Bamboo Houses

Growing concern over the effects of modern construction methods has meant that some architects are looking to more (1) _____ ways of making buildings. One interesting project is in Bali, where designers are using bamboo to create schools and (2) _____ spaces. Bamboo is a type of wood which has been used to build houses for thousands of years. Apart from being (3) _____ for the environment (it's biodegradable), there's also no shortage of it in Bali, where it grows quickly and easily. Not only that, but bamboo's flexibility means that there's plenty of (4) _____ in the designs. Bamboo is not the best material in (5) _____ weather. However, if treated properly, these bamboo structures can last for many years.

TRADITION
LIVE

BENEFIT

ORIGIN
STORM

10 Choose the correct words.

2 pts each ____/10

- 1 Most scientists think the dinosaurs died **away** / **out** after a massive asteroid hit Earth.
- 2 Environmental groups are calling **for** / **to** more action to decrease pollution in our cities.
- 3 It's unlikely that we'll run **away** / **out** of oil in the next century.
- 4 I'm not going to throw my old computer **away** / **up**. I'm going to see if I can recycle it.
- 5 This place is a mess. Let's see if we can clean it **out** / **up** before Mum gets home.

4 Complete the sentences with the future continuous, future perfect simple or future perfect continuous form of the verbs in brackets.

3 pts each ____/15

- 1 The police _____ (look for) the gang of thieves for three years by next Christmas.
- 2 I _____ (write) this essay for the rest of the evening so I won't be able to go out.
- 3 Ian asked us not to arrive before eight because he _____ (have) time to prepare the dinner before then.
- 4 William _____ (learn) the violin for a year when he plays in the concert this summer.
- 5 **A:** _____ you _____ (manage) to complete the assignment by tomorrow?
B: I think so. I've finished it and I just need to read through it.