

Grammar

1 Complete the second sentence so it means the same as the first using the word given. Do not change the word given. Use between two and five words.

- 1 I played volleyball until I went to university.
STOPPED
I I went to university.
- 2 Get some batteries at the shop. Please don't forget.
REMEMBER
Please at the shop.
- 3 I won a short film competition once. I'll always remember it.
FORGET
I'll that short film competition.
- 4 One of my teachers used to give me good study tips, but she's left now.
ALWAYS
The teacher good study tips has left now.
- 5 The restaurant that we used to have dinner in has been demolished.
WHERE
The restaurant dinner has been demolished.

/ 5

2 Complete the text with these words. There are two extra words.

what • when • where • which • who
whose • why

Yesterday I had to take my laptop back to the shop (1) I bought it. Fortunately, I still had the original packaging. The same person (2) had sold it to me was there in the shop, so I explained the problem to him. The software, (3) I'd had to pay extra for, didn't work on this machine and had crashed it. The assistant said that I'd installed it wrongly, which wasn't true at all! He wouldn't believe me, so I insisted on speaking to the manager, (4) office was right at the top of the building. I had to explain the problem all over again to her and she tried to say the same as the assistant and couldn't understand (5) I was getting angry. In the end, I demanded a refund, which she eventually agreed to give me.

/ 5

3 Choose the correct alternatives to complete the text.

Many years ago, when I was a child, I remember (1) to travel/travelling/travelled to California with my parents. We were going to visit my uncle, (2) who/which/that was working for a technology company in Silicon Valley, before driving on down to Los Angeles. We flew to San Francisco and then hired a car, but my mum had to do all the driving because my dad had forgotten (3) bringing/bring/to bring his driving licence. My dad was very excited about seeing all those little companies that were creating the technology we use now, but what I remember most is when we stopped at Lone Cypress (4) watching/watched/to watch the sunset over the Pacific and the trip to Disneyland. My uncle is working in India now, (5) what/that/which is where I'm going. This time, I'm as excited about the technology companies as my dad was all those years ago.

/ 5

4 Complete the text with one word in each gap.

A vacuum cleaner is a device (1) uses an air pump to remove dirt, usually from floors. Before they existed, people had to take their carpets and rugs outdoors and beat them. There were many attempts to invent a motorised cleaner, but (2) is claimed that the first one was The Whirlwind, which was invented (3) Ives W. McGaffey in Chicago in 1868. It was difficult to use because the operator had to turn a handle and push the machine at the same time. The early cleaners blew air (and dust) out, but it was Hubert Booth, in 1901, (4) designed the first commercial suction machine. Although effective, many people complained about the noise it made. Nowadays, inventors continue (5) refine the design of vacuum cleaners and strong suction power and low noise remain their goals.

/ 5

Total 20

Vocabulary

5 Complete the text with these words and phrases. There are two extra options.

digital camera • dishwasher • drop-down menu
glitch • microwave • touch screen
washing machine

Companies have been showing off their latest consumer gadgets at a trade show in Las Vegas. Amongst all the drones and cars and wearable technology, there were some interesting innovations for the home. Like the (1) that connects to the Internet, so you can control your wash programme remotely. Or a (2) that can be linked to a thermostat so the washing up gets done when energy costs are lowest. Or what about a fridge with a (3) on the door so you can order your groceries and a smart (4) inside that can show you what's in it while you're out shopping? And at the cheaper end of the market there's a robot that will clean your grill for you, although demonstrations revealed one (5), which was that the grill has to cool down before it will work. It's hard to predict which of these will survive the test of time, but there's plenty going on in the world of technology.

/ 5

6 Choose the correct alternatives to complete the email.

Hi Tom,
Sorry I haven't been in touch, but I had terrible problems with my computer last week. I was using that file-sharing website you told me about when the screen suddenly (1) froze/went off/ran out and then the whole thing just crashed. Luckily, I had remembered to (2) select/back up/set up my files, so I didn't lose too much data but it took ages to (3) plug in/recharge/install everything again. I was really worried about my assignment, but fortunately I'd emailed a first draft to my tutor last week so he (4) swiped/printed/inserted it out for me and I've just spent the afternoon typing it all up again. In a way, it was a good thing because I could see what was wrong with the first draft so I (5) pinched/inserted/deleted a lot of it and I think it's a much better piece of writing now. Let's hope my tutor thinks so, too!
Anyway, let's meet up soon. Hope you're well.
Andy

/ 5

7 Complete the text with the correct form of these words.

band • charge • connect • cover • grade

My grandmother is slowly getting to grips with modern technology. I got her a smartphone for her birthday, but I think she's lost the (1) Either that or she never has it switched on. But at least I managed to persuade her to (2) her computer and we often contact each other that way. At first, she didn't use it much and when I went to visit her I found that it was (3) ! But I showed her what she could do with it and we booked her onto a silver surfer's course and now she uses it all the time. She has pretty fast (4) where she lives. Unfortunately, I live in a remote area and the (5) here could be a lot better, but it means we can speak to each other quite often for free.

/ 5

8 Choose the best answer (A, B, C or D) to complete the text.

You're right to think seriously about what laptop you want to buy. It can be an expensive (1), so it's a good idea to try to get it right. A lot depends on your needs, but there are some general things to think about before you splash out on a new (2) If you're going to carry it with you every day, you want something small and light. You're also going to be staring at it a lot so think about the screen quality and you'll probably be doing a lot of typing so check the (3) quality. Another consideration is battery life. You don't want to (4) when you're in the middle of an important assignment and you've got nowhere to recharge. Don't forget to check out the (5) capability as well – you'll need an Internet connection for most things you do. There's lots more to think about so follow this link to my buyer's guide.

- | | | | | |
|---|---------------|------------|------------|------------|
| 1 | A download | B role | C purchase | D stream |
| 2 | A device | B network | C charger | D satnav |
| 3 | A flash drive | B keyboard | C menu | D network |
| 4 | A pop up | B go off | C set up | D run out |
| 5 | A webcam | B plug | C software | D wireless |

/ 5

Total / 20

Reading

9 Read the views of two bloggers. Are these statements True (T), False (F), or is the information Not Mentioned (NM)?

What's top of your technology wish list and why?

A Gemma

It's an interesting question, particularly now when every day we see more and more gadgets in the shops and we begin to wonder how far technology can actually advance. For me, there's one big hurdle science needs to cross and I shall be delighted if I'm still around to see it when it happens, as I'm sure it will. One day, I'm quite sure that the technology will exist to replicate what they've been doing on science-fiction programmes for years: the ability to transport a person immediately from one place to another. This amazing ability has fascinated people for centuries. We've read stories about it and seen films where transporting is a basic form of getting from A to B. We've even seen magic shows where conjurers try every trick in the book to fool us into believing that they have this ability. There's a great film called *The Prestige* about two magicians from Victorian times who were obsessed by this, but the real truth is that it has never been done. How often have we thought how useful it would be to be able to press a switch and travel immediately to a destination? Imagine – no more problems waiting in airports or squeezing into crowded buses. No more wasting time in traffic jams! I think inventing a transporter would be the single most important development our society could ever see. It would completely change our way of life. All the airlines would be out of business for a start! It will happen – the question is when?

B Quentin

Wow, that's a difficult question. Technology is moving ahead so quickly at the moment that it's difficult to know what gadgets are just around the corner and which aren't even on the drawing board. Things like robots and computer games are developing all the time. They're two things that really interest me. Robots are getting smaller and cleverer and I don't think it will be long before they are regularly used in daily, everyday life situations rather than as they are now, mainly in industry. I can see them helping with chores around the house, cooking, cleaning and so on. I know some robots are used in this capacity already, but it's only the very rich who can afford the luxury and I think they're still a bit clumsy, although the technology is improving all the time. But apart from robot development, what intrigues me is how far the developers of computer games will go. On *Star Trek™*, that incredible sci-fi series of the 70s which still has a cult following today, for relaxation the crew of the star ship go to the 'Holodeck'. There they could interact with holograms from different historical periods in situations of their choice. Now, wouldn't that be a great form of entertainment? Researchers have found a way to use lasers, mirrors and cameras to create a three-dimensional interactive hologram that is safe to touch, but the technology is still very much in its infancy. I can't see it happening soon but one day, who knows? That's definitely at the top of my technology wish list!

- | | |
|---|--|
| <p>1 Gemma believes that significant scientific progress in this field will happen in her lifetime. T/F/NM</p> <p>2 The desire to be able to 'transport' has come about because of recent science fiction films and stories. T/F/NM</p> <p>3 Scientists have started investigating the possibilities of 'transporting' people. T/F/NM</p> | <p>4 Some interesting new inventions may already be in development. T/F/NM</p> <p>5 Researchers are trying to reproduce the recreation activities seen on a popular TV programme. T/F/NM</p> <p>6 A commercial version of the 'Holodeck' is too far-fetched to ever happen. T/F/NM</p> |
|---|--|

10 Read the article again. Match the sentence beginnings with the correct sentence endings. There are three extra endings.

- 1 Magicians use all their powers of deception in an attempt
 - 2 This form of transportation would result in
 - 3 Domestic robots are currently only
 - 4 The potential evolution of computer games
 - 5 The technology has previously existed
 - 6 At present, interactive hologram technology
-
- A is at an early stage of development.
 - B tricking us that they can already do this.
 - C is what fascinates the second blogger.
 - D within the means of the wealthy.
 - E in imagined form in a popular TV series.
 - F significant lifestyle changes.
 - G which is why we need these new forms of technology.
 - H could replicate a period of history.
 - I to persuade us that they can transport a person instantly.

/ 6

11 Find words in the text which mean the same as these phrases.

- 1 **Paragraph A:** A problem that you have to deal with before you make progress.
- 2 **Paragraph A:** Succeeding in getting someone or something into a small space or object, often by pushing or forcing.
- 3 **Paragraph B:** A boring job (e.g. housework) that you must do.
- 4 **Paragraph B:** Not controlled or careful enough and knocks or damages things.

/ 4

Total / 16

Use of English

12 Complete the text with one word in each gap.

Most of us take it for granted that we will be able to (1) to the Internet on a daily basis, but for millions of people (2) live in the developing world, this is still a dream. The lowest levels of access to the Internet are in sub-Saharan Africa, but there are many other places that are still unable to take advantage of its social and economic benefits. The main problems are cost and a lack of infrastructure. In some countries, old regulations, monopolies and political issues are contributing to the slow development of the Internet. And yet in places (3) the Internet has been allowed to take hold, there have been significant benefits in terms of online government, health, education and commerce. Conventional wired internet is expensive but (4) technology offers a promising solution. For a start, it's practical. In some areas with environmental obstacles, such as rainforests or glaciers, it's impossible to lay cables. It's also tamper-proof, (5) is important in poor countries where copper or wire is a valuable commodity. When access is made possible, the most popular use of the Internet is to communicate using voice or e-mail and families that have been scattered by the need to find work can see each other via (6) Cost is a major barrier in poor countries, but many innovative projects are helping to set (7) computers and internet connections around the globe. Shared access can help to bring down prices, but power supply can be an issue in remote areas. How do you plug your computer (8) if there's no electricity? The answer is pedal power. No need to remember (9) recharge your laptop – just get on your bike! Countries where people have a low level of literacy and skills may need more persuasion to use the Internet. They will not be interested in websites (10) content is irrelevant or in a language they can't understand. But all the evidence shows that access to the Internet speeds up development in poorer countries and is an investment worth making.

/ 10

Listening

13 Listen to an interview with an expert on addictions. Choose the best answers, A, B, C or D.

- 1 What does the expert say about addictions?
A They are always dangerous.
B They affect most of us.
C They are just bad habits.
D They always involve alcohol, smoking or drugs.
- 2 What does the expert say about computer games?
A They are commercially very important.
B They are not advanced enough to cause serious problems.
C They are popular with all age groups.
D They are anti-social.
- 3 When can gaming become an addiction?
A when it becomes too competitive
B when gamers play with people in other time zones
C when gamers play at too high a level
D when playing becomes a necessity for the gamer
- 4 What can happen to a gamer who enters a virtual world?
A They learn a lot about different countries' cultures.
B They try to destroy other avatars.
C They may prefer the virtual world to the real one.
D They don't have enough to eat.
- 5 What might be a consequence for a player with a gaming addiction?
A They involve their friends and family in gaming.
B They don't have enough time to do important things.
C They exaggerate their success.
D They don't talk to anyone.

/ 5

14 Listen again and complete the sentences with two or three words in each gap.

- 1 Minor addictions might include eating too much chocolate or needing a every morning.
- 2 According to the expert, gaming is not a problem if it is played
- 3 An addict will spend as possible playing games.
- 4 When you play a virtual reality game, you and have an avatar.
- 5 A severe addiction to gaming can result in

/ 5

Total / 10

