

PART I. READING

Task 1

Complete definitions 1-13 with words and expressions from the table.

There are 3 extra options you do not need to use.

biology	breakthrough	modified	technophobe
invention	innovation	research	safeguard
geneticist	life expectancy	physics	technocrat
experiment	genetic engineering	cybernetics	Information technology (IT)

1	_____ is the practice or science of changing the genes of a living thing, especially in order to make it more suitable for a particular purpose.
2	_____ is the study of living things.
3	A _____ is someone who does not like, trust, or want to use technology, especially computers.
4	A _____ is a discovery or achievement that comes after a lot of hard work.
5	_____ is the study or use of computers and electronics systems for storing and using information.
6	If something is _____, it is changed slightly in order to improve it.
7	A _____ is a scientist who studies or works in genetics.
8	_____ is the use of technology to make copies of natural things (for example, artificial body parts).
9	A _____ is a scientist or other technical expert with a high position in industry or government.
10	_____ is the detailed study of something in order to discover new facts.
11	An _____ is a scientific test to find out what happens to someone or something in particular conditions.
12	_____ is the length of time that someone is likely to live.
13	_____ is the invention or use of new ideas, methods, equipment etc.

PART I. READING

Task 2

This article is devoted to Science and Technology. Put the paragraphs of the text in the logical order.

A - But everything has a price. The development of cybernetics led to mass automation in factories, which in turn led to millions losing their jobs. The genius of Einstein led to the horrors of the atomic bomb and the dangerous uncertainties of nuclear engineering (we hear of accidents and mishaps at nuclear power stations around the world where safeguards to prevent accidents were inadequate).

B - Besides, nobody could have predicted the sudden proliferation of computers that would completely change our lives, allowing us to access information from the other side of the world via the Internet or send messages around the world by e-mail at the touch of a button.

C - Meanwhile, research into other aspects of information technology is making it easier and cheaper for us to talk to friends and relations around the world. Good news for who love technophiles modern technology, bad news for the technophobes who would prefer to hide from these modern miracles.

D - Overall, we all rely on modern science and technology to improve our lives. However, we need to make sure that we control it rather than the other way round.

E - Perhaps the most important breakthrough, however, has been the microchip. Nobody could have imagined, when it was first invented, that within a matter of years, this tiny piece of silicon and circuitry would be found in almost every household object from the kettle to the DVD recorder.

F - Science and technology have come a long way in the last 60 years, and our lives have become better as a result. The second half of the twentieth century saw more changes than in the previous two hundred years. Penicillin has already been discovered and asked to treat infections; there have been many remarkable advances in medicine that have helped to increase our average life expectancy way beyond that of our ancestors. Incredible inventions such as television have changed the way we spend our leisure hours.

G – Another thing we should not ignore is that the relatively new science of genetic engineering has been seen as a major step forward, but putting modified

foods onto the market, before scientists had properly analyzed them was perhaps one of the most irresponsible decisions of the 1990s. Meanwhile, pharmaceutical and cosmetic companies continue to experiment on animals, a move that many consider to be cruel and unnecessary.

PART II. USE OF ENGLISH

Task 1

Here is an article on the advantages of blogging as a hobby. Use the word given in CAPITALS to form a word that fits into the gap.

<p>Can you imagine that blogging didn't exist 20 years ago? And now there are millions of blogs on the internet! Blogging can be (0) POWERFUL and helpful for you if you want to be recognized online.</p>	POWER
<p>Blogging refers to writing, photography and other media that's self-published online. The content of blogs varies (1)____. For example, travel blogs or food blogs usually feature plenty of pictures with some written texts, while political blogs may post wordy (2) ___on the news of the day. Unlike traditional websites, blogs allow for more (3)___and interaction.</p>	SIGNIFICANT DISCUSS CONVERSE
<p>Blogging as a hobby has some evident advantages. First of all, a blog can be a medium for you to learn, grow and develop (4) ___ with people around the world who share the same interests as you. A blog can bring you closer to people that you've never met before but who love learning from your stories.</p>	RELATION
<p>Secondly, starting a blog requires little cash. You can start a blog for free through (5) ___platforms. All you really need is good internet connection.</p>	VARY
<p>Thirdly, one of the most (6) ___ components of blogging, in my opinion, is making money online through display advertising, (7) ___ posts or selling your own products, for instance.</p>	ATTRACT SPONSOR
<p>As a blogger, you have the (8) ___ to work from anywhere. You can take your device like a computer, a laptop or</p>	FLEXIBLE

a smart phone and start your work.

And the last but not least, blogging gives you the opportunity to develop your own writing style and become a more (9) ___ writer. I think it's a great skill to express yourself in a written form and (10)___.

To summarize, blogging is a tough but (11)___ exercise for both individuals and (12)____. A good blog can educate, inspire and help readers. If you want to achieve success you can't stop blogging. You need to stay active 24/7, even if that requires late nights and early mornings. But it is worth it.

CONFIDE

VERB

EXCITE

BUSY

PART II. USE OF ENGLISH

Task 2

Read the text and complete with ONE suitable word.

0 – who

There are lots of adult men (0) will happily spend hours and huge sums of money on the latest gadget, standing in long queues overnight, hoping to grab the latest release before it sells (1) _____.

Is this normal adult behaviour? Or are these men just refusing to (2) _____ up and stop playing with their “toys”?

According to Adam Shreck, editor of a leading electronics website, many men are devoted (3) _____ gadgets. He believes they are an extension (4) _____ a man's personality.

For Shreck, gadgets are also a sign of personal wealth – instead (5) _____ going to a toy shop, grown-up men can take out their wallets and go and buy something a lot more expensive.

Maybe it's not childish after (6) _____, but true macho behavior.

Some men take a lot of pride (7) _____ their gadgets. They like to know they have the best, the most expensive, the most up-to-date. It's like a male survival instinct – wanting to show they have something better (8) _____ the next man.

PART II. USE OF ENGLISH

Task 3

Read the text and select the correct answer. Write down the letter A, B, C or D in the answer sheet.

Who isn't familiar with Siri and Alexa? Siri and Alexa are applications made from one of the finest technologies, voice control. This article includes a brief history (1) ____ with the advantages and disadvantages of voice control.

Famous virtual assistants like Siri, Alexa, and Google Assistant have (2) ____ popularity in the past decade. These voice command applications are useful because it is practical and easy to use.

In the 21st century, voice recognition was pioneered by the creation of Google Voice Search for the iPhone in 2008. Now Google Voice Search has changed to Google Assistant. The Google Assistant is also a complete voice control (3) ____ for Android users. Three years later, Apple introduced Siri, a virtual assistant that can be used to operate iPhone devices and its applications.

The presence of a voice control system is (4) ____ in many aspects. First, voice control (5) ____ efficiency and simplicity. We can get things finished faster by telling the voice control system to do something, then the machine will get it done for us. Second, voice recognition is useful to (6) ____ IoT devices. Common virtual assistants such as Google Home and Amazon Echo can be used for smart homes, which (7) ____ IoT-based devices. Another benefit, voice control can be used to improve (8) _____. For example, creating a password that must be said by a certain person could be a better security option.

However, there are several weaknesses to voice control. Not all words can be understood by the system accurately. (9) ____ addition, if you are in a crowded place, voice control might not get what you are trying to say. It has to differentiate various sounds from the background when you are in a crowded place. The system's vocabulary is also limited which (10) ____ to another problem.

Hopefully, in the future voice control technology will keep evolving and drilled to be better and always help our daily activities.

1	A - along	B - despite	C - next	D - beside
2	A - made	B - created	C - gained	D - decreased
3	A - application	B - appliance	C - appearance	D - appeal

4	A -eco-friendly	B - beneficial	C- adventurous	D - useless
5	A - causes	B - promotes	C - creates	D - gets
6	A -coerce	B - cooperate	C - coexist	D - coordinate
7	A - involves	B - indulges	C - consists	D - encourages
8	A-independence	B - security	C - guidance	D -defense
9	A - on	B - of	C - in	D - to
10	A - makes	B - causes	C - results	D - leads

PART II. USE OF ENGLISH

Task 4

Match the idioms (1-10) to their meanings (A – J).

1	Rocket Science	A	to waste time trying to create something that someone else has already created
2	Grease the wheels	B	members in a large organization whose job although necessary, makes them think as if they are not important
3	Cogs in the machine	C	errors
4	Chop chop	D	to achieve goals by some possibly dishonest means
5	By hook or by crook	E	very quickly without delay
6	On the same wavelength	F	to make something happen more easily
7	To re-invent the wheel	G	have a different understanding of the same situation
8	Get one's wires crossed	H	to work well and effectively
9	A well-oiled machine	I	very complicated, difficult to do and understand
10	Software bugs	J	to think in the same way with somebody

PART II. USE OF ENGLISH

Task 5

Fill in the gaps (1-10) with the idioms from Task 4.

1. You don't need to ____! Read up on what others have done.
2. My app is still ____, so I do not need to get an upgrade yet.
3. Social connections can help ____ to business deals.
4. She and her brother were never ____, so they often argued growing up.
5. Posting a photo on Facebook is not ____, mom! You just have to press the button.
6. Come into the office, and we can get the documents you need ____.
7. You have failed again, your program is full of ____!
8. Assistants are seen as ____, but many do work to carry an entire company.
9. We will get the work finished this week ____.
10. My friends always ____ their ____ when they have to take the final decision.

PART III. WRITING

Task 1

Write an essay on the issue “*There is an application for everything*”

Use 140-180 words.

Be ready to cover the following points:

1. Make an introduction.
2. There is a saying “There is an application for everything”. Do you agree or disagree with this saying? Support your opinion with 1-2 arguments.
3. What applications do you use in your everyday day life the most? Give examples of 1-2 applications and explain your preference(s).
4. Read the following blurbs. Which one would you most like to try?

Choose one application out of the three and explain your choice of the application.

Meditate Today will help you to sit down and switch off from the world around you, giving the chance to relax, recuperate and feel refreshed and ready for the day ahead.

Learn Your Lesson is an app which brings new ideas into your life. Take micro-courses on topics of your choice and develop useful, valuable and/or fun skills. Choose topics from arts to technology.

Animate-me! is an app that lets you add animations to your photos. Select which part of your photo you want to move and how, and bring you're your picture to life.

5. Make a conclusion.