

1. Science and technology are changing our lives \_\_\_\_\_ every field.
2. Some Chemicals have damaging effect \_\_\_\_\_ the environment.
3. Is technology the key \_\_\_\_\_ success in the 21st century?
4. Science and technology bring a lot of benefits \_\_\_\_\_ people.
5. Engineers need to be good \_\_\_\_\_ maths and Sciences.
6. Thomas Edison was responsible \_\_\_\_\_ more than one thousand inventions.
7. It's almost impossible to keep up \_\_\_\_\_ the latest developments in computing.
8. Will humans live \_\_\_\_\_ Mars someday?
9. Global communication was transformed by the invention \_\_\_\_\_ the Internet.
10. Thomas Edison was born \_\_\_\_\_ 1847 \_\_\_\_\_ Ohio, USA.

## C. SPEAKING

### I. Make questions for the underlined words.

1. \_\_\_\_\_  
Robots won't replace teachers because they can't inspire students to do their best.
2. \_\_\_\_\_  
A flying car can fly at a speed of 120 mph.
3. \_\_\_\_\_  
All students will be having their own computers at school by 2030.
4. \_\_\_\_\_  
In the future, we will be able to live on the other planets.
5. \_\_\_\_\_  
Science and technology are the keys to development in many fields.
6. \_\_\_\_\_  
An average person now lives about 70 years.
7. \_\_\_\_\_  
Scientists are exploring the possibility of living on Mars.
8. \_\_\_\_\_  
New industrial robots cost from \$50,000 to \$80,000.
9. \_\_\_\_\_  
The first industrial robot was invented by Dr. Engelberger.
10. \_\_\_\_\_  
Edison made the first public demonstration of his light bulb on December 31, 1879.

### II. Complete the dialogue with the appropriate sentences (A - G).

- A. The technology they use in phones these days is amazing.  
 B. So, that's a negative too.  
 C. Wow, Nick is that a new phone?  
 D. Technologies always have both positive and negative aspects.  
 E. I totally agree.  
 F. Has it got the new high-tech camera?  
 G. Yep, that's a positive.

Mike: (1) \_\_\_\_\_

Nick: Yep, brand new, state-of-the-art!

Mike: (2) \_\_\_\_\_

Nick: Yeah, the software they use is really advanced. You can take portraits that look just like they're from a much bigger camera.

Mike: I've seen them. (3) \_\_\_\_\_

Nick: But of course, the impact of technology isn't always positive. Take something as simple as a car. That's a type of technology that's made life easier.

Mike: (4) \_\_\_\_\_

Nick: But on the negative side, cars cause air pollution.

Mike: Yeah, and if you drive too much instead of walking, you might not get as much exercise. (5) \_\_\_\_\_

Nick: So are mobile phones. Mobile phones help us to communicate with each other and access information but too much screen time can be harmful, especially to children.

Mike: (6) \_\_\_\_\_ People nowadays are spending too much time looking at a phone, a Computer or a tablet.

Nick: Social media helps you keep in touch with your friends but it can also spread fake news and encourage bullying.

Mike: You're right. (7) \_\_\_\_\_

## D. READING

### I. Complete the passage with the words from the box.

while

through

vision

network

communicate

invented

accessible

much

The Internet is a huge (1) \_\_\_\_\_ of computers all connected together, but it was the world wide web that made the technology into something that linked information together and made it (2) \_\_\_\_\_ to everyone.

The world wide web was (3) \_\_\_\_\_ by Sir Tim Berners-Lee in 1989 – originally he was trying to find a new way for scientists to easily share the data from their experiments. Berners-Lee created the world wide web (4) \_\_\_\_\_ he was working at CERN, Switzerland. His (5) \_\_\_\_\_ soon went beyond a network for scientists to share information, in that he wanted it to be a universal and free 'information space' to share knowledge, to (6) \_\_\_\_\_, and to collaborate.

The world wide web opened up the Internet to everyone, not just scientists. It connected the world in a way that made it (7) \_\_\_\_\_ easier for people to get information, share, and communicate. It has since allowed people to share their work and thoughts (8) \_\_\_\_\_ social networking sites, blogs, video sharing, and more.

### II. Read the text carefully, then do the tasks.



- C. They are produced in large quantities.      D. They will be launched in the coming year.
4. In the sentence "There are already a handful of flying vehicle prototypes...", what does "a handful of" mean?
- A. a large number of      B. a small number of  
C. a great deal of      D. an amount of
5. The flying car TF-X has been developed by \_\_\_\_\_.
- A. Terrafugia      B. I-TEC      C. AeroMobil      D. Pal-V
6. Which of the following statement is NOT true?
- A. Virtual reality technology is now used in video gaming.  
B. Solar power and wind are clean energy.  
C. Amazon's flying cars are being used for delivery.  
D. Technology can bring us a bright future.

## E. WRITING

### I. Reorder the words to make sentences.

- can/ have/ so that/ the future/ we/ flying / will/ we/ faster and futher/ In/ travel/ cars.  
\_\_\_\_\_
- self-driving/ be/ Experts/ said/ 2025/ that/ on/ cars/ would/ the road/ in.  
\_\_\_\_\_
- in/ be/ chores/ a/ handled/ by/ Will/ household/ robot/ the near future?  
\_\_\_\_\_
- will/ help/ people/ Anti-ageing/ live/ to/ longer/ pills/ be/ invented.  
\_\_\_\_\_
- the way/ we/ impressive/ Modern technology/ communicate/ an/ has/ influence/ had/ on.  
\_\_\_\_\_
- easy/ but/ has/ Technology/ has/ made/ it/ lazy/ made/ life/ us.  
\_\_\_\_\_
- ever/ on/ planet/ you/ another/ of/ dreamed/ living/ Have?  
\_\_\_\_\_
- that/ be/ humans/ Mars/ living/ Scientists/ predict/ could/ on/ 50/ 100/ years/ in/ to.  
\_\_\_\_\_

### II. Complete the second sentence so that it has the same meaning to the first one.

- "There were no cell phones a long time ago!"  
My grandmother said \_\_\_\_\_
- Alexander Graham Bell invented the telephone in 1876.  
The telephone \_\_\_\_\_
- Tablets aren't as convenient as smartphones.  
Smartphones are much \_\_\_\_\_
- "I can't come in today, because I'm sick."  
Two days ago, Tom phoned me and said \_\_\_\_\_
- How long have you been working on this project?  
When \_\_\_\_\_
- In spite of the freezing weather, we had a great holiday in Canada.  
Even though \_\_\_\_\_

7. We found the exhibits shown in the Future World Exhibition very amazing.  
We were \_\_\_\_\_
8. Maya told Sara that she had just talked to a robot in the exhibition.  
Maya said to Sara, " \_\_\_\_\_ "
9. It's a shame I'm not able to come to your party on Saturday.  
I wish \_\_\_\_\_
10. Paula can't wait to hear the band's new album.  
Paula is really looking \_\_\_\_\_

\*\*\*\*\*

## TEST FOR UNIT 11

### I. Choose the word that has underlined part pronounced differently from the rest.

- |                                  |                              |                               |                                |
|----------------------------------|------------------------------|-------------------------------|--------------------------------|
| 1. A. <u>in</u> vent <i>e</i>    | B. chem <u>i</u> st <i>e</i> | C. <u>pat</u> ent <i>ə</i>    | D. <u>te</u> chnology <i>e</i> |
| 2. A. <u>sci</u> ence <i>s</i>   | B. <u>sc</u> ared <i>sK</i>  | C. <u>Sc</u> ottish <i>sK</i> | D. <u>scr</u> een <i>sK</i>    |
| 3. A. <u>ex</u> plore            | B. <u>ex</u> change          | C. <u>ex</u> periment         | D. <u>ex</u> istence <i>e</i>  |
| 4. A. <u>in</u> ventors <i>z</i> | B. <u>ben</u> efits <i>s</i> | C. <u>pan</u> els <i>z</i>    | D. <u>hom</u> es <i>z</i>      |
| 5. A. <u>nuc</u> lear            | B. <u>fut</u> ure            | C. <u>bul</u> b <i>ʌ</i>      | D. <u>m</u> ute                |

### II. Choose the word whose main stress pattern is placed differently.

- |                             |                         |                        |                             |
|-----------------------------|-------------------------|------------------------|-----------------------------|
| 1. A. <u>au</u> tomation    | B. de <u>ve</u> lopment | C. ex <u>pe</u> riment | D. <u>te</u> chnology       |
| 2. A. im <u>po</u> lite     | B. sci <u>en</u> tific  | C. <u>te</u> chnology  | D. eco <u>no</u> mic        |
| 3. A. <u>sp</u> aceship     | B. be <u>ne</u> fit     | C. <u>te</u> chnical   | D. <u>re</u> ality          |
| 4. A. <u>te</u> chnique     | B. in <u>cu</u> rable   | C. <u>pr</u> ogrammer  | D. ex <u>pl</u> orer        |
| 5. A. un <u>em</u> ployment | B. <u>la</u> boratory   | C. en <u>gi</u> neer   | D. con <u>se</u> rvationist |

### III. Fill in each blank with a suitable word.

- My dad told me that only robots \_\_\_\_\_ work in factories in the future.
- Chester Greenwood was an American \_\_\_\_\_ who invented the earmuffs.
- Modern technology has brought many benefits \_\_\_\_\_ society.
- A \_\_\_\_\_ car is a type of personal air vehicle or roadable aircraft.
- Cosmonaut Yuri Gagarin becomes the first human being to travel into \_\_\_\_\_.
- We're going to Mars to \_\_\_\_\_ out if there is life there.
- The first working \_\_\_\_\_ engine was invented by James Watt.
- While still a small child, John was very fond \_\_\_\_\_ creating new things.
- A scientist \_\_\_\_\_ studies chemistry is a chemist.