

# UNIT 10

## SCIENCE AND TECHNOLOGY

### A. Grammar & Vocabulary

#### Exercise 1. Choose the correct answers to complete the sentences.

- 1 My brother stores/ streams his files on his computer but doesn't back them up.
- 2 You can connect a series of computers together on a network/ website.
- 3 I prefer to use a desktop/ laptop computer as I can work from anywhere.
- 4 Stop playing games! Crash/ shut down your computer right now!
- 5 I don't like paying a lot of money for apps/ attachments, but it can cause problems if you only backup/ download them for free.

#### Exercise 2. Match the definitions with the words in the box.

attachment	backup	crash	device	stream	website
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- 1 A set of pages of information on the Internet about a particular subject: \_\_\_\_\_
- 2 A copy of the files from your computer that you keep in a particular place: \_\_\_\_\_
- 3 A machine, like a smartphone, that can connect to the Internet: \_\_\_\_\_
- 4 A file, like an essay, that you add to an email before sending it: \_\_\_\_\_
- 5 When your computer suddenly stops working: \_\_\_\_\_
- 6 Music or video that you watch on the Internet without downloading it first: \_\_\_\_\_

**Exercise 3. Complete the interview with *will* or *won't* and the verbs in brackets. The first one has been done for you.**

**A:** How will people travel (How people travel) around in the future?

**B:** In cars that don't have anybody driving.

**A:** Isn't that dangerous?

**B:** No, cars \_\_\_\_\_ (communicate) with each other and make sure they all have enough space on the road.

**A:** That's amazing!

**B:** Yes, it is. There \_\_\_\_\_ (are not) any crashes ever again.

**A:** Will the cars be able to fly?

**B:** Maybe – I can certainly imagine a car that flies.

**A:** And food – \_\_\_\_\_ (what people eat)?

**B:** Similar meals to the ones we eat today, but with a lot less meat.

**A:** Why is that?

**B:** Well, in the future, if we want to continue to eat as much as meat as we do now, we \_\_\_\_\_ (need definitely) more space for animals than we actually have on the planet.

**A:** I see. Maybe we could build farms on the moon?

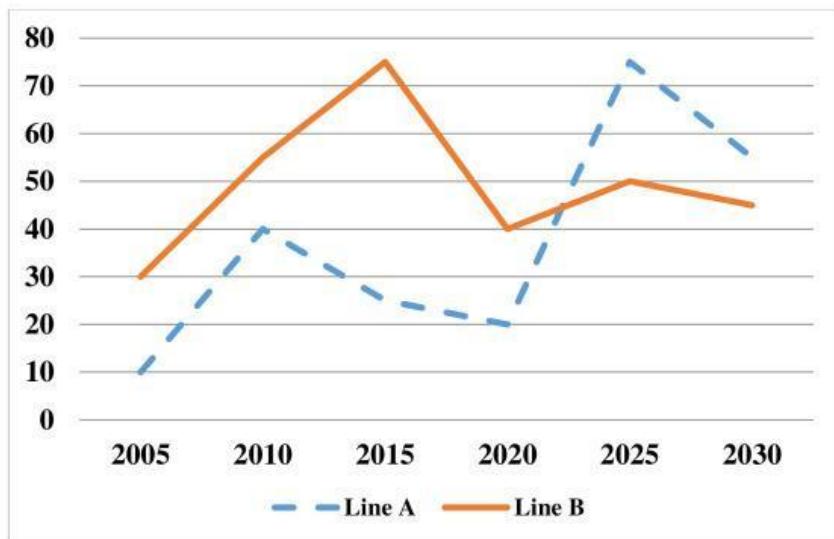
**B:** Hmm ... I'm not sure that \_\_\_\_\_ (be) possible.

**A:** Why not? It's a great idea!

**B:** Well, \_\_\_\_\_ (how the animals breathe) when they are on the moon?

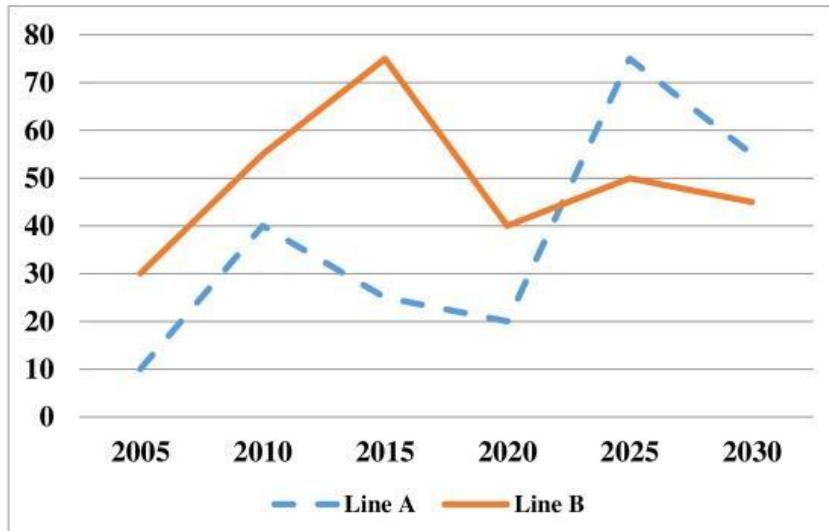
**A:** That's a good point.

**Exercise 4.** Look at Line A of the graph. Match the sentence halves.



- |                               |   |                         |
|-------------------------------|---|-------------------------|
| 1 It increase from 10% to 40% | • | • between 2010 and 2015 |
| 2 It decreased by 15%         | • | • between 2015 and 2020 |
| 3 It will finish on 65%       | • | • between 2020 and 2025 |
| 4 There will be a rise of 55% | • | • in 2030.              |
| 5 It went down by 5%          | • | • from 2005 to 2010.    |

**Exercise 5.** Look at the graph. Complete the description of the changes to Line B with the words in the box.



2005	2020	55%	fall	increased	rise	started	went
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After it \_\_\_\_\_ from 30% in \_\_\_\_\_ to \_\_\_\_\_ in 2010, line B \_\_\_\_\_ up by another 20% between 2010 and 2015. This was its highest point. It \_\_\_\_\_ to decreased in 2015, going down to 40% in 2020. It will \_\_\_\_\_ to 50% in 2025 and then will \_\_\_\_\_ to 45% in 2030.

#### **Exercise 6. Choose the best summary for the graph**

- Both lines went up and down a lot. Line A changed much more than Line B.
- The biggest changes for Line A will happen in the last ten years of the graph, between 2020 and 2030. However, Line B had its own most important changes earlier in the graph, between 2005 and 2015.
- Line A went up to 40% in 2010, then down to 20% by 2020, and then up to 75% in 2015 and back down to 65%, so there was a lot of change. Line B increased to 75% in 2015, then went down to 40% in 2020, so a lot of change there as well. It didn't change much after that, only up by 10% and then down by 5%.

#### **Exercise 7. Read the email. Choose the correct answers**

Hello Richard,

I have some news – I'm going to/ I going to/ I will buy a smartphone. Your mum told me that you have the late model/ later modern/ latest model, but I don't need anything that good. In fact, I don't mind if it's a bit out of date/ out of order/ out of time – I'll be happy with something a bit older, like me! I see a lot of advertisements for phones with great devices/ features/ websites but I don't need most of them. I just want to make calls and play some card games. It will be strange to play cards by swapping/ sweeping/swiping a case/ charger/ screen. Your mum also said that your smartphone has a lot of memories/ memory/. What does that mean? Let me guess – I think it probably means that you have a lot of space

to shop/ stand/ store apps and files and things. Anyway, I know your phone has a silver battery/ case/ screen but I would prefer mine in black.

Can you help me to look online and find one?

Thanks!

Grandad