

# Class 8 Unit 5 ST

## Listening

1 [1.07] Listen to a radio programme. Complete the sentences with words from the interview. (10 marks)

- 1 This show is part of a series on \_\_\_\_\_.
- 2 Tom says that an inventor needs a good \_\_\_\_\_.
- 3 Some \_\_\_\_\_ have predicted a lot of today's technology.
- 4 More than a hundred years ago, Mark Twain imagined something like the \_\_\_\_\_.
- 5 Tom talks about a \_\_\_\_\_ series that started in the 1960s.
- 6 The 'communicator' looks like a mobile phone from the \_\_\_\_\_.
- 7 Arthur C. Clarke wrote *2001: A Space Odyssey* in \_\_\_\_\_.
- 8 The 'newspad' was like an early version of today's \_\_\_\_\_ computer.
- 9 *The Rocketeer* is the name of a \_\_\_\_\_ in which someone uses a jetpack.
- 10 The presenter won't buy a jetpack because they are very \_\_\_\_\_.

## Vocabulary

2 Choose the correct option. (10 marks)

- 1 Can you \_\_\_\_\_ life without computers or phones?  
a imagine b cure c experiment
- 2 \_\_\_\_\_ makes apples fall from trees.  
a Gravity b Species c Space
- 3 Would you like to travel into \_\_\_\_\_?  
a universe b space c meteor
- 4 What's the strangest \_\_\_\_\_ you have ever seen?  
a invention b radar c extinction
- 5 Did you find it difficult to \_\_\_\_\_ to the heat in Africa?  
a invent b create c adapt
- 6 There are many planets in the \_\_\_\_\_.  
a stars b meteor c universe

- 7 Scientists have found \_\_\_\_\_ for many diseases.  
a experiments b cures c designs
- 8 \_\_\_\_\_ are destroying the environment.  
a Humans b Astronauts c Aliens
- 9 My brother \_\_\_\_\_ his own house.  
a explored b tested c designed
- 10 How long has there been life on \_\_\_\_\_?  
a Earth b planet c sun

3 Complete the sentences with the words in the box. (5 marks)

extinct threat discover diseases developed

- 1 People are a \_\_\_\_\_ to rhinos because they kill them for their meat.
- 2 Polar bears are in danger of becoming \_\_\_\_\_.
- 3 I'd like to \_\_\_\_\_ more of this country. There are so many places to see.
- 4 Scientists have \_\_\_\_\_ medicines that save millions of lives.
- 5 I believe that doctors will be able to cure most \_\_\_\_\_ in the future.

## Language focus

4 Complete the sentences with the gerund or infinitive of the verbs in the box. (8 marks)

look tell adapt become find buy chat ask

- 1 I can imagine \_\_\_\_\_ a scientist when I am older.
- 2 You can use video calling \_\_\_\_\_ to your family.
- 3 \_\_\_\_\_ to life in a new school can be difficult.
- 4 Mum was angry after \_\_\_\_\_ out that I hadn't tidied up my room.
- 5 He rang me \_\_\_\_\_ me his good news.
- 6 They took the car without \_\_\_\_\_ her.
- 7 \_\_\_\_\_ after your health is important.
- 8 I'm going to the supermarket \_\_\_\_\_ some food.

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## 5 Choose the correct words. (8 marks)

- 1 If you **are** / **were** / **will be** an astronaut, where would you travel?
- 2 I won't know what time to pick you up unless you **call** / **will call** / **would call** me.
- 3 You can't drive a car if you **don't** / **wouldn't** / **didn't** have a licence.
- 4 If you **had seen** / **will see** / **see** her, will you give her a message?
- 5 If I **will swim** / **swim** / **would swim** underwater, I can't open my eyes.
- 6 Would you buy a big car if you **have** / **will have** / **had** lots of money?
- 7 If it rains, we **won't go** / **wouldn't go** / **haven't gone** out.
- 8 If I hadn't gone home, I **won't** / **wouldn't have** / **haven't** seen Andrew.

## 6 Correct the underlined mistakes. Write one or two words. (9 marks)

- 1 If she doesn't apologize, I am very angry.  
\_\_\_\_\_
- 2 If people stopped using their cars, there isn't so much pollution.  
\_\_\_\_\_
- 3 If you come to the concert with us this evening, you are enjoying it.  
\_\_\_\_\_
- 4 If you were an alien, will you visit Earth?  
\_\_\_\_\_
- 5 How will you feel if you won the match tomorrow?  
\_\_\_\_\_
- 6 If you had been at the party yesterday, you had met my friends.  
\_\_\_\_\_
- 7 You don't do well in the exam unless you start revising soon.  
\_\_\_\_\_
- 8 I always talk to my parents if I will need advice.  
\_\_\_\_\_
- 9 You wouldn't have dropped the vase if you have been more careful!  
\_\_\_\_\_

## Reading

### Robots in space!

Planets, the sun, stars; we know they all exist in space. But I bet you didn't know that robots that look and act like humans, called humanoid robots, are out there, too! NASA has developed Robonaut 2 (R2), the first humanoid in space. It won the NASA Invention of the Year in 2014.

Scientists built the robot to help astronauts in space. It uses its strength to help astronauts walk more easily on planets by moving heavy objects out of their way. It also uses its hands to help them make any repairs on the spaceship or space station.

Not only is it useful in space, but it's important to life on Earth, too. Scientists have adapted R2's technology to create inventions that will help people. The robotic glove, called a Robo-Glove, means factory workers don't have to use as much strength to hold and work with their tools over a long time. This helps to prevent injuries. Scientists have also developed a robotic suit called X1. Disabled people can wear it over their body to help them walk. It's slim so they can wear it when they are in a wheelchair.

Amazingly, scientists have been able to get R2 to do telemedicine. That's to say, it has been able to do operations with doctors controlling its movements. This means that with the help of R2 doctors can even do operations in space! Fantastic, isn't it? If I hadn't read about it for myself, I wouldn't have believed it!

## 7 Read the blog post. Complete the sentences. Write one word. (10 marks)

- 1 There are \_\_\_\_\_ in space that are like humans.
- 2 R2 is the first humanoid to go into \_\_\_\_\_.
- 3 Scientists developed R2 to help \_\_\_\_\_.
- 4 R2 can move heavy things, because it has a lot of \_\_\_\_\_.
- 5 R2 can help people to make \_\_\_\_\_ to the spaceships.
- 6 Using R2's technology, scientists have created \_\_\_\_\_ like the Robo-Glove and X1.
- 7 The robotic \_\_\_\_\_ means that factory workers have fewer injuries.
- 8 People who can't \_\_\_\_\_ very well can wear the X1 to help them.
- 9 You can wear the X1 in a \_\_\_\_\_ because it doesn't take up much room.
- 10 Doctors can use R2 to do \_\_\_\_\_ on people in space.

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## Communication

### 8 Complete the text. (5 marks)

In my <sup>1</sup>o \_\_\_\_\_, space exploration is important. I <sup>2</sup>b \_\_\_\_\_ that we must explore the universe, just as we have explored our own planet. I suppose it's <sup>3</sup>t \_\_\_\_\_ that space travel is expensive, and I can <sup>4</sup>s \_\_\_\_\_ why people think that we shouldn't spend money on space travel. But there's no <sup>5</sup>d \_\_\_\_\_ in my mind that people will live on the moon and on Mars in the future. We should start planning now!