

UNIT 12

ROBOTS

❖ A. VOCABULARY

No.	Word / Phrase	Type	IPA	Meaning
1	android	(n)	/ˈændrɔɪd/	rô-bốt hình người
2	camera	(n)	/ˈkæmərə/	máy quay, máy ảnh
3	choice	(n)	/tʃɔɪs/	sự lựa chọn
4	do the dishes	(phr)	/ˌduː ðə ˈdɪʃɪz/	rửa bát
5	do the washing	(phr)	/ˌduː ðə ˈwɒʃɪŋ/	giặt quần áo
6	guard	(v/n)	/ɡɑːd/	canh gác; người canh gác
7	heavy	(adj)	/ˈhevi/	nặng
8	helpful	(adj)	/ˈhelpfl/	hữu ích
9	human	(n/adj)	/ˈhjuːmən/	con người
10	iron clothes	(phr)	/ˌaɪən ˈkləʊðz/	là quần áo
11	lift	(v)	/lɪft/	nâng
12	machine	(n)	/məˈʃiːn/	máy móc
13	move	(v)	/muːv/	di chuyển
14	planet	(n)	/ˈplænt/	hành tinh
15	repair	(v)	/rɪˈpeə(r)/	sửa chữa
16	robot	(n)	/ˈrəʊbɒt/	rô-bốt
17	robot show	(n phr)	/ˈrəʊbɒt ʃəʊ/	triển lãm rô-bốt
18	space station	(n phr)	/ˈspeɪs steɪʃn/	trạm không gian
19	strong	(adj)	/strɒŋ/	khỏe, mạnh
20	understand	(v)	/ˌʌndəˈstænd/	hiểu
21	useful	(adj)	/ˈjuːsfəl/	hữu ích
22	voice	(n)	/vɔɪs/	giọng nói
23	work	(v)	/wɜːk/	làm việc
24	dangerous	(adj)	/ˈdeɪndʒərəs/	nguy hiểm
25	space	(n)	/speɪs/	vũ trụ

❖ B. WORD FORM

1. help (v/n): giúp đỡ; helpful (adj): hữu ích; helpless (adj): bất lực; helper (n)	2. danger (n): nguy hiểm; dangerous (adj); dangerously (adv); endanger (v)
3. use (v/n): sử dụng; useful (adj); useless (adj); user (n); usefully (adv)	4. science (n): khoa học; scientist (n); scientific (adj); scientifically (adv)
5. technology (n): công nghệ; technological (adj); technologically (adv); technician (n)	

❖ C. GRAMMAR

Superlative adjectives

- Dùng so sánh nhất để so sánh một người/vật với từ ba người/vật trở lên.

S + be + the + short adjective-est + in/of ...

- Quy tắc: tall - tallest; large - largest; heavy - heaviest; big - biggest.
- Bất quy tắc: good - best; bad - worst; far - farthest/furthest.
- Với tính từ dài trong bài mở rộng: the most + adjective.

❖ **EXERCISES**

❖ **PHONETICS**

Exercise 1: Choose the sentence that normally ends with a different intonation.

1.

A. Robots can lift boxes.	B. Where is the robot?	C. This machine is useful.	D. Can it speak?
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2.

A. What can it do?	B. It can clean floors.	C. The robot is strong.	D. Is it expensive?
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3.

A. This is my robot.	B. Who made it?	C. It works in a hospital.	D. Does it have a camera?
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4.

A. The show starts at nine.	B. Which robot is fastest?	C. I like the blue one.	D. Can we touch it?
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5.

A. It understands voices.	B. Why is it helpful?	C. Robots need electricity.	D. Will it repair cars?
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6.

A. Where does it work?	B. It guards the museum.	C. The machine is heavy.	D. Is it safe?
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7.

A. Robots explore space.	B. What is its name?	C. This one is the smallest.	D. Can it fly?
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8.

A. It can do the dishes.	B. Who controls it?	C. The battery is full.	D. Does it cook?
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9.

A. This robot is new.	B. How tall is it?	C. It moves slowly.	D. Is it wireless?
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10.

A. The camera is here.	B. What does it record?	C. The robot stopped.	D. Can it start again?
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Exercise 2: Mark the letter A, B, C, or D to indicate the word that differs in stress pattern.

1.

A. robot	B. camera	C. planet	D. repair
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2.

A. helpful	B. useful	C. dangerous	D. machine
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3.

A. understand	B. recognise	C. control	D. family
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4.

A. washing	B. ironing	C. cleaning	D. complete
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5.

A. scientist	B. technology	C. automatic	D. human
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❖ **VOCABULARY AND GRAMMAR**

Exercise 3: Mark the letter A, B, C, or D to indicate the correct answer to each question.

1. Which word or phrase means 'rô-bốt hình người'?

A. android	B. camera	C. choice	D. do the dishes
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2. Which word or phrase means 'máy quay, máy ảnh'?

A. do the washing	B. camera	C. guard	D. heavy
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3. Which word or phrase means 'sự lựa chọn'?

A. helpful	B. human	C. choice	D. iron clothes
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4. Which word or phrase means 'rửa bát'?

A. lift	B. machine	C. move	D. do the dishes
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5. Which word or phrase means 'giặt quần áo'?

A. do the washing	B. planet	C. repair	D. robot
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6. Which word or phrase means 'canh gác; người canh gác'?

A. robot show	B. guard	C. space station	D. strong
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7. Which word or phrase means 'nặng'?

A. understand	B. useful	C. heavy	D. voice
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8. The robot can _____ heavy boxes in the factory.

A. work	B. dangerous	C. space	D. lift
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9. A camera helps the robot see and _____ around obstacles.
A. move B. android C. camera D. choice
10. This home robot can _____ after dinner.
A. do the washing B. do the dishes C. guard D. heavy
11. Robots may explore another _____ in the future.
A. heavy B. helpful C. planet D. human
12. A security robot can _____ the building at night.
A. lift B. machine C. move D. guard
13. The robot can recognise my _____.
A. voice B. move C. planet D. repair
14. Engineers use robots for jobs that are too _____ for humans.
A. robot B. dangerous C. robot show D. space station
15. The robot will _____ a broken machine.
A. understand B. useful C. repair D. voice
16. M10 is the _____ robot in the show.
A. strong B. stronger C. strongest D. most strong
17. This is the _____ model of all.
A. small B. smaller C. smallest D. most small
18. A3 is _____ than H9, but M10 is the tallest.
A. tall B. taller C. tallest D. more tall
19. Which robot is the _____?
A. fast B. faster C. fastest D. most fast
20. This is the _____ useful robot in the hospital.
A. more B. most C. best D. much
21. The blue robot is the _____ one here.
A. heavy B. heavier C. heaviest D. most heavy
22. H9 is the _____ robot, so many schools can buy it.
A. cheap B. cheaper C. cheapest D. most cheap
23. This robot is the _____ at understanding speech.
A. good B. better C. best D. goodest
24. The old machine makes the _____ noise.
A. loud B. louder C. loudest D. most loud
25. Robot A is _____ than Robot B.
A. light B. lighter C. lightest D. the lighter
26. This is the _____ dangerous task in the factory.
A. more B. most C. much D. many
27. Which is the _____ of the three robots?
A. new B. newer C. newest D. most new
28. The kitchen robot is the _____ to use.
A. easy B. easier C. easiest D. most easy
29. That was the _____ performance in the robot contest.
A. bad B. worse C. worst D. baddest
30. The space robot can travel the _____ distance.
A. far B. farther C. farthest D. most far

Exercise 4: Choose the word(s) CLOSEST in meaning to the underlined word(s).

1. The robot is useful in the kitchen.
A. helpful B. dangerous C. expensive D. slow
2. It can lift heavy things.
A. raise B. drop C. break D. hide
3. The machine can repair bicycles.
A. fix B. sell C. paint D. ride
4. The robot guards the building.
A. protects B. leaves C. cleans D. builds

5. It can understand human speech.

- A. know the meaning of B. speak louder than C. record only D. forget

Exercise 5: Choose the word(s) OPPOSITE in meaning to the underlined word(s).

1. The robot is useful.

- A. helpful B. useless C. strong D. smart

2. This machine is heavy.

- A. large B. light C. strong D. new

3. The task is dangerous.

- A. safe B. difficult C. slow D. expensive

4. The robot moves quickly.

- A. carefully B. slowly C. quietly D. automatically

5. This is the best result.

- A. first B. worst C. newest D. highest

Exercise 6: Complete the sentences with the correct comparative or superlative form.

1. M10 is the _____ robot in the group. (STRONG)

2. This model is _____ than the old one. (FAST)

3. H9 is the _____ robot in the shop. (CHEAP)

4. Which robot is the _____? (LIGHT)

5. A3 is _____ than M10. (TALL)

6. This is the _____ task for a robot. (EASY)

7. Robot B makes the _____ noise. (LOUD)

8. The new robot is the _____ at recognising voices. (GOOD)

9. That is the _____ robot design in the contest. (BAD)

10. The space robot travels the _____ distance. (FAR)

11. This machine is _____ than that one. (HEAVY)

12. The hospital robot is the _____ useful model. (MUCH)

13. Bonbon is the _____ of the three. (BIG)

14. My robot is _____ than yours. (NEW)

15. This is the _____ interesting robot show this year. (MUCH)

Exercise 7: Rewrite the sentences using a comparative or superlative form.

1. No robot in the show is stronger than M10.

→ _____

2. H9 is cheaper than the other two robots.

→ _____

3. A3 is 150 cm. M10 is 120 cm.

→ _____

4. This robot is better than all the others.

→ _____

5. No task here is more dangerous than lifting hot metal.

→ _____

6. Robot A is lighter than Robot B.

→ _____

7. This is the noisiest machine in the room.

→ _____

8. The blue robot is the newest of the three.

→ _____

Exercise 8: Complete each sentence with the correct form of the word in brackets.

1. Home robots are very _____. (HELP)

2. Robots can do _____ jobs in factories. (DANGER)

3. This machine is completely _____. (USE)

4. A _____ designed the new space robot. (SCIENCE)

5. The robot uses advanced _____. (TECHNOLOGY)

6. It can move _____. (AUTOMATIC)

7. The robot answered the question _____. (INTELLIGENT)

8. Its voice is clear and _____. (FRIEND)

9. The new model works more _____. (EFFECTIVE)

10. The robot won first prize for its _____. (CREATE)

❖ COMMUNICATION

Exercise 9: Choose the option that best completes each exchange.

1. 'What can this robot do?' - '_____.'

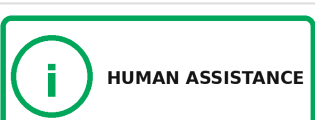
- | | | | |
|---|--------------------------|-----------------|----------------|
| A. It can lift heavy boxes | B. It is in the lab | C. It is mine | D. At nine |
| 2. 'Which robot is the fastest?' - '_____.' | | | |
| A. The blue one | B. At the show | C. For one hour | D. It can cook |
| 3. 'Can I touch the robot?' - '_____.' | | | |
| A. No, please keep behind the line | B. It is the tallest | C. Yesterday | D. A scientist |
| 4. 'This robot can speak three languages.' - '_____.' | | | |
| A. That's impressive! | B. No, it didn't | C. The red one | D. At home |
| 5. 'Why are robots useful in factories?' - '_____.' | | | |
| A. They can do heavy or dangerous work | B. They are on the table | | |
| C. They were invented | D. At night | | |

Exercise 10: Arrange the sentences to make a meaningful conversation.

- | | | | |
|---|------------|------------|------------|
| 1. | | | |
| a. What is that robot doing? | | | |
| b. It is lifting a heavy box. | | | |
| c. Is it stronger than the yellow one? | | | |
| d. Yes, it is the strongest robot here. | | | |
| A. a-b-c-d | B. a-c-b-d | C. b-a-d-c | D. c-a-b-d |
| 2. | | | |
| a. Which home robot do you prefer? | | | |
| b. The small white one. | | | |
| c. Why? | | | |
| d. It is the easiest to use. | | | |
| A. a-c-b-d | B. a-b-c-d | C. b-a-d-c | D. c-d-a-b |
| 3. | | | |
| a. Please stay behind the line. | | | |
| b. Why can't we go closer? | | | |
| c. The robot is moving heavy objects. | | | |
| A. b-a-c | B. a-b-c | C. c-a-b | D. a-c-b |

❖ READING

Exercise 11: Look at each sign or notice. Choose the best answer.

	1. What happens here? A. A robot is demonstrated B. Robots are sold as toys C. A football match takes place D. A city tour starts
	2. What must visitors not do? A. Take notes B. Touch the robot C. Ask questions D. Watch the show
	3. What is happening to the robot? A. It is being repaired B. Its battery is charging C. It is cleaning D. It is speaking
	4. What should visitors do? A. Stand very close B. Keep a safe distance C. Lift the robot D. Run around it
	5. What is available here? A. Help from a person B. A new robot C. A sports coach D. A city map

Exercise 12: Read the advertisements / announcements and choose the best option for each blank.

1.

ROBOT SHOW THIS SATURDAY

Meet the newest robots at the Science Centre. Watch a kitchen robot do the dishes and see the (1) _____ robot lift a 50-kilogram box. The show starts at 9 a.m. and runs (2) _____ 4 p.m. Children under twelve must come with (3) _____ adult. Book online to get the (4) _____ ticket price.

1. A. strong B. stronger C. strongest D. most strong
2. A. until B. for C. at D. on
3. A. a B. an C. the D. some
4. A. low B. lower C. lowest D. most low

2.

DESIGN A HELPFUL ROBOT

Create a drawing or model of a robot for your school. Explain its name, size and abilities. Your robot should solve (1) _____ real problem. The most (2) _____ ideas will be displayed in the library. Submit your design (3) _____ 20 May. The winner will visit a robotics lab and meet (4) _____ scientist.

1. A. a B. an C. the D. some
2. A. create B. creative C. creatively D. creation
3. A. before B. after C. during D. between
4. A. a B. an C. the D. no article

Exercise 13: Read each passage and choose the correct word for each blank.

1.

A HOSPITAL ROBOT

City Hospital has a robot named Care-1. It carries medicine between rooms and shows visitors the way. Care-1 is smaller (1) _____ most adults, so it can move easily through busy halls. Of all the hospital machines, it is the (2) _____ at recognising voices. It cannot treat patients, (3) _____ it saves nurses time. The robot stops if a person steps in front of it, making it one of the (4) _____ machines in the building. Engineers check it (5) _____ day.

1.

A. than	B. then	C. that	D. as
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2.

A. good	B. better	C. best	D. goodest
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3.

A. but	B. because	C. so	D. or
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4.

A. safe	B. safer	C. safest	D. most safe
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5.

A. every	B. last	C. next	D. ago
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2.

ROBOTS IN SPACE

Space robots travel to places that are too dangerous for humans. Some move across the surface of Mars and take photographs. They are among the (1) _____ machines scientists build because they must survive heat, cold and dust. A robot may be (2) _____ than a car but light enough for a rocket. It sends information (3) _____ Earth and follows commands from engineers. The journey is long, (4) _____ the robot must work without help. For many missions, robots are the (5) _____ choice.

1.

A. strong	B. stronger	C. strongest	D. most strong
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2.

A. big	B. bigger	C. biggest	D. the big
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3.

A. to	B. at	C. on	D. with
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4.

A. so	B. but	C. because	D. although
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5.

A. good	B. better	C. best	D. well
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Exercise 14: Read each passage and choose the correct answer to each question.

1. THE LIBRARY ROBOT

A small robot named BookBot works in West School Library. It is only ninety centimetres tall and has a screen, two cameras and a shelf. Students type a book title on the screen, and BookBot leads them to the correct area. It also carries returned books to the librarian's desk. BookBot is not the fastest machine, but it is the most popular with younger students because it speaks in a friendly voice. The librarian still chooses books and answers difficult questions. The robot handles simple jobs, giving staff more time to help readers.

1. How tall is BookBot?

A. 50 cm	B. 90 cm	C. 120 cm	D. 190 cm
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2. How do students request a book?

A. They call the robot	B. They type the title	C. They show a photo	D. They ask a teacher
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3. What does BookBot carry?

A. Heavy chairs	B. Returned books	C. Lunch boxes	D. Computers
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4. Why do younger students like it?

A. It is the fastest	B. It gives free books	C. It has a friendly voice	D. It does homework
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5. What is the main message?

A. Robots can support librarians but not replace all their work	B. Libraries need no people
C. BookBot reads every book	D. Students dislike technology

2. ROBOT RESCUE TEAM

After an earthquake, damaged buildings may be unsafe for rescue workers. A new rescue robot called Scout can enter narrow spaces and climb over broken concrete. Its cameras send live pictures to a control team. Scout can also detect heat and sound, which may help find people. It is smaller and lighter than many older rescue machines. However, its battery lasts only three hours, so engineers are developing a longer-lasting one. Scout cannot carry an injured person, but it can show rescuers the safest path.

1. When might Scout be used?

A. After an earthquake	B. During a football match	C. At a museum tour	D. In a classroom test
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2. What do its cameras send?

- A. Food B. Live pictures C. Music D. Tickets

3. What can help find people?

- A. Heat and sound detection B. A large shelf C. A washing machine D. Solar panels

4. What is Scout's current weakness?

- A. It is too heavy B. Its battery lasts only three hours C. It has no camera D. It cannot move

5. What can Scout do for rescuers?

- A. Carry everyone B. Show a safe path C. Build a house D. Stop earthquakes

Exercise 15: Choose the sentence that best completes each text.

1. Our class visited a robot laboratory. (1) _____. First, an engineer showed us a robot arm. (2) _____. Next, we met a small robot that could recognise voices. (3) _____. At the end, we asked questions about robot safety. (4) _____.

- A. We had to wear safety glasses inside.
B. It lifted and sorted different boxes.
C. It answered simple questions in English.
D. The visit helped us understand how robots work.

2. Minh designed a robot for his grandmother. (1) _____. It will remind her to take medicine at the correct time. (2) _____. A camera will help it avoid furniture. (3) _____. Minh knows it cannot replace family care. (4) _____.

- A. He wants it to help with simple daily tasks.
B. It can also carry small objects from room to room.
C. Its voice will be slow and clear.
D. However, it may make her daily life easier.

❖ WRITING

Exercise 16: Complete the sentences using the guided words and phrases.

- M10 / strong / robot / show / .
→ _____
- this model / light / than / old one / .
→ _____
- which / robot / fast / ?
→ _____
- robots / do / dangerous jobs / factories / .
→ _____
- home robot / useful / appliance / house / .
→ _____

Exercise 17: Put the words and phrases in the correct order to make meaningful sentences.

- strongest / M10 / robot / the / is / .
→ _____
- than / this model / lighter / is / that one / .
→ _____
- can / robot / what / do / the / ?
→ _____
- most / useful / hospital / the / in / robot / is / this / .
→ _____
- heavy / lift / can / boxes / it / .
→ _____
- the / which / fastest / robot / is / ?
→ _____
- voice / recognises / my / robot / the / .
→ _____
- dangerous / robots / can / work / do / .
→ _____
- of / cheapest / H9 / three / is / the / .
→ _____
- engineers / robot / repaired / the / yesterday / .
→ _____

Exercise 18: Rewrite each sentence so that it is closest in meaning to the original one.

- No robot here is stronger than M10.
→ _____
- Robot A is lighter than Robot B.
→ _____
- H9 costs less than the other robots.
→ _____
- This robot is better than all the others.
→ _____
- No task is more dangerous than this one.
→ _____
- The robot helps people a lot.
→ _____
- This machine has no use.
→ _____
- The robot can fix broken bicycles.
→ _____
- Which robot has the greatest speed?
→ _____
- A3 is taller than M10 and H9.
→ _____

Exercise 19: Choose the correct arrangement of the sentences to make a meaningful paragraph / letter.

- Robots can support people in many places.
 - At home, they can clean floors and carry objects.
 - In hospitals, they can deliver medicine.
 - In factories, they can do heavy or dangerous tasks.
 - However, people must design and use robots safely.

A. a-b-c-d-e B. b-a-d-c-e C. a-c-b-e-d D. d-a-b-c-e
- Dear Nam,

- b. Our class visited a robot show yesterday.
- c. I liked the small hospital robot best because it was helpful and friendly.
- d. The strongest robot lifted a box that weighed fifty kilograms.
- e. Best, Minh

A. a-c-b-d-e

B. a-b-c-d-e

C. b-a-d-c-e

D. a-b-d-c-e

Exercise 20: Choose the best sentence to complete each short text.

1.

ROBOTS AND PEOPLE

Robots are good at repeated, heavy or dangerous tasks. People are better at understanding feelings and making difficult choices. (1) _____.

1. Which sentence best concludes the text?

A. The best results come when robots and humans work together.

B. A city has many museums.

C. We should waste water.

D. Football uses a referee.

2.

SAFE ROBOT USE

Read the instructions before operating a robot. Keep hands away from moving parts and stop the machine if something looks wrong. (1) _____.

1. Which sentence best completes the text?

A. Careful use protects both people and equipment.

B. The programme starts at eight.

C. This postcard is mine.

D. The river is crowded.

❖ LISTENING

Exercise 21: Listen to the recording and choose the best answer A, B, C, or D.

1. How many robots are in the competition?
A. Three B. Four C. Five D. Six
2. Which robot is the lightest?
A. Mini B. Cooky C. Strong-B D. Guide-One
3. What is Cooky best at?
A. Library work B. Kitchen work C. Lifting boxes D. Speaking languages
4. How much can Strong-B lift?
A. 16 kg B. 40 kg C. 50 kg D. 60 kg
5. Why is Guide-One useful for visitors?
A. It cooks meals B. It speaks four languages and gives directions
C. It repairs books D. It is the cheapest

Exercise 22: Listen and decide whether the statements are TRUE (T) or FALSE (F).

1. Tidy works at a school. _____
2. It carries sports equipment in the morning. _____
3. It collects litter after break. _____
4. Tidy can climb stairs easily. _____
5. Students like the robot's polite voice. _____

--- THE END ---