**UNIT 12 : ROBOTS**

**I. VOCABULARY**

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| **New words** | **Transcription** | **Meaning** |
| **alarm clock** | /əˈlɑːm klɒk/ | *đồng hồ báo thức* |
| **bend over** | /bend ˈəʊvə(r)/ | *cúi, uốn cong* |
| **comb** | /kəʊm/ | *cái lược* |
| **comb the hair** | /kəʊm ðə heər/ | *chải đầu* |
| **comfortable** | /ˈkʌmfətəbl/ | *thoải mái* |
| **complicated** | /ˈkɒmplɪkeɪtɪd/ | *phức tạp* |
| **dangerous** | /ˈdeɪndʒərəs/ | *nguy hiểm* |
| **disagree** | /dɪsəˈɡri/ | *không đồng ý* |
| **doctor robot** | /ˈdɒktər ˈrəʊbɒt/ | *người máy khám bệnh* |
| **factory** | /ˈfæktəri/ | *nhà máy* |
| **gardening** | /ˈɡɑːdnɪŋ/ | *việc làm vườn* |
| **get dressed** | /get drest/ | *mặc quần áo* |
| **guard** | /ɡɑːd/ | *bảo vệ* |
| **hedge** | /hedʒ/ | *hàng rào* |
| **home robot** | /həʊm ˈrəʊbɒt/ | *người máy gia đình* |
| **housework** | /ˈhaʊswɜːk/ | *việc nhà* |
| **international** | /ɪntəˈnæʃənəl/ | *quốc tế* |
| **laundry** | /ˈlɔːndri/ | *sự giặt là* |
| **lift** | /lɪft/ | *nâng, nhấc* |
| **minor** | /ˈmaɪnə(r)/ | *nhỏ, bé* |
| **opinion** | /əˈpɪnjən/ | *ý kiến* |
| **personal computer** | /ˈpɜːsənəl kəmˈpjuːtər/ | *máy tính cá nhân* |
| **power** | /ˈpaʊər/ | *năng lượng, sức mạnh* |
| **recognise** | /ˈrekəɡnaɪz/ | *nhận ra, nhận diện* |
| **replace** | /rɪˈpleɪs/ | *thay thế* |
| **robot** | /ˈrəʊbɒt/ | *người máy* |
| **role** | /rəʊl/ | *vai trò* |
| **shout** | /ʃəʊt/ | *hò hét* |
| **show** | /ʃəʊ/ | *màn trình diễn* |
| **space robot** | /speɪs ˈrəʊbɒt/ | *người máy không gian* |
| **space station** | /speɪs ˈsteɪʃn/ | *trạm không gian* |
| **subject** | /ˈsʌbdʒekt/ | *môn học* |
| **teaching robot** | /ˈtiːtʃɪŋ ˈrəʊbɒt/ | *người máy dạy học* |
| **type** | /taɪp/ | *dạng, loại* |
| **understand** | /ʌndəˈstænd/ | *hiểu* |
| **water** | /ˈwɔːtə(r)/ | *nước* |
| **worker robot** | /ˈwɜːrkər ˈrəʊbɒt/ | *người máy công nhân* |

**II. GRAMMAR**

**1. Can**

Ta dùng ***can*** để nói về khả năng ở hiện tại.

**Form**

**S + can + V-inf**

**EX:** He can play football very well.

**2. Could**

Ta dùng ***could*** để nói về khả năng ở trong quá khứ.

**Form**

**S + could + V-inf**

**EX :** My father could play soccer very well when he was young.

**3. Will be able to**

Ta dùng ***will be able to*** để nói về khả năng làm việc gì ở trong tương lai.

**Ví dụ:** I will be able to speak English very well in six months.

**III. EXERCISE**

**Exercise 1: Divide the words into two columns according to pronunciation of the underlined part.**

 boy soil drown how found

 enjoy oil flower noise join

 cow now cloud joy royal

 out destroy coil mouth coward

 doubt moisture choice power sound

 joint voice point boil crown

 tower route house employee hoist

 loyal around toy about

|  |  |
| --- | --- |
| **/ɔɪ/** | **/aʊ/** |
| ................................. .................................................................. .................................................................. .................................................................. .................................................................. .................................................................. ................................. | ................................. .................................................................. .................................................................. .................................................................. .................................................................. .................................................................. ................................. |

**Exercise 2: Complete with suitable types of robots.**

 **space robot doctor robot home robot**

 **building robot teaching robot worker robot**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ do housework

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ educate children

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ taking care of people’s health

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ build types of construction works

 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ explore the space

 6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ work in factory

 7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ work at schools or at home

 8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ work at home

 9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ work at hospital

 10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ work at construction site

**Exercise 3: Complete each sentence with a suitable word.**

**subjects - disagreed - hedge - dressed – laundry**

**show - alarm clock - complicated - replace - factory**

 1. My house is surrounded by a green \_\_\_\_\_\_\_\_\_\_\_.

 2. All of my clothes are dirty. I must do \_\_\_\_\_\_\_\_\_\_\_ now.

 3. I get up at 06:30 every morning to have enough time to get \_\_\_\_\_\_\_\_\_\_\_.

 4. Yesterday my \_\_\_\_\_\_\_\_\_\_\_ did not go off, so I was late for school.

 5. There is a game \_\_\_\_\_\_\_\_\_\_\_ at 08:00 tonight, I will try to finish my homework before it.

 6. How many \_\_\_\_\_\_\_\_\_\_\_ do you have at school?

 7. Yesterday my father and I had a conflict because he \_\_\_\_\_\_\_\_\_\_\_ to let me go out before 10 p.m.

 8. My father is a worker. He works in the tobacco \_\_\_\_\_\_\_\_\_\_\_ near here.

 9. Do you think robots can \_\_\_\_\_\_\_\_\_\_\_ people in the future?

 10. I do not like Mathematics so much. The numbers and the formulas are so \_\_\_\_\_\_\_\_\_\_\_. I prefer Literature.

**Exercise 4: Complete the sentences with *can, could*, or *be able to*.**

 1. I’m right-handed. I \_\_\_\_\_\_\_ write with my left hand.

 A. could B. can

 C. can’t D. won’t be able to

 2. \_\_\_\_\_\_\_ you usually remember your dreams?

 A. Can B. can’t C. cannot D. could

 3. People used to think that witches \_\_\_\_\_\_\_ do magic.

 A. will be able to B. could C. won’t be able to D. can

 4. When I was young, I \_\_\_\_\_\_\_ eat anything I liked, I never got fat.

 A. can B. cannot C. will be able to D. could

 5. \_\_\_\_\_\_\_ come to the pub tonight?

 A. Will you be able to B. Won’t be able to

 C. Could you D. Can you

 6. I \_\_\_\_\_\_\_ swim since I was 11.

 A. cannot B. could C. will not D. will

 7. I am an interpreter. I \_\_\_\_\_\_\_ speak 7 different languages.

 A. can B. could C. will can D. can be

 8. One day I \_\_\_\_\_\_\_ run a marathon, but I need to practice first.

 A. won’t B. could C. can D. will be able to

 9. \_\_\_\_\_\_\_ when you were 10?

 A. You could swim B. Could you swim

 C. Could swim D. Will you be able to swim

 10. We \_\_\_\_\_\_\_ get to the meeting on time yesterday, because the train was delayed by one hour.

 A. couldn’t not B. cannot C. couldn’t D. will be able to

**Exercise 5: Complete the sentences with form of *can, could*, or *be able to*.**

 1. It's so amazing. He \_\_\_\_\_\_\_\_\_ speak five languages.

 2. I looked everywhere for my glasses but I \_\_\_\_\_\_\_\_\_ find them anywhere.

 3. James \_\_\_\_\_\_\_\_\_ speak Japanese when he lived in Japan, but he’s forgotten most of it now.

 4. I have to go to a business dinner tomorrow night so I \_\_\_\_\_\_\_\_\_ come to the party. I am very sorry.

 5. This telephone is terrible. I \_\_\_\_\_\_\_\_\_ hear you at all.

 6. (you) \_\_\_\_\_\_\_\_\_ the fireworks from your house last night?

 7. Do you think you \_\_\_\_\_\_\_\_\_ write that report by Tuesday? I know you’re very busy.

 8. I \_\_\_\_\_\_\_\_\_ touch my toes. See!

 9. I \_\_\_\_\_\_\_\_\_ spend another moment in that restaurant. It was too noisy.

 10. I’m afraid I \_\_\_\_\_\_\_\_\_ attend the meeting, I’m on business in Japan.

**Exercise 6: Write the phrases in brackets in their correct forms into the gaps.**

 1. Last week we \_\_\_\_\_\_\_\_\_\_\_\_ swimming, this week we can’t. (can/to go)

 2. Maybe the Smiths \_\_\_\_\_\_\_\_\_\_\_\_ a new house next year. (be able to build)

 3. If you try hard, you \_\_\_\_\_\_\_\_\_\_\_\_ your examinations. (can/to pass)

 4. When I was five, I \_\_\_\_\_\_\_\_\_\_\_\_ (not/can/to swim)

 5. Dennis \_\_\_\_\_\_\_\_\_\_\_\_ the trumpet after four months. (can/to play)

 6. Luke has passed his driving test, now he \_\_\_\_\_\_\_\_\_\_\_\_ a car. (can/to drive)

 7. I \_\_\_\_\_\_\_\_\_\_\_\_ to him on the phone for three weeks last month. (not/can/to speak)

 8. Alex \_\_\_\_\_\_\_\_\_\_\_ his homework when his desk is in such a mess. (not/be able to do)

 9. They were so busy, they \_\_\_\_\_\_\_\_\_\_\_\_ me. (not/can/to text)

 10. Lisa \_\_\_\_\_\_\_\_\_\_\_\_ her dress. She can wear it again. (be able to clean)

**Exercise 7: Choose the best option to fill in the blank.**

 1. Do you think future robots will be able to do \_\_\_\_\_\_\_\_\_ things?

 A. beautiful B. complicated C. small

 2. He sometimes helps his grandfather do the \_\_\_\_\_\_\_\_\_ such as watering flowers and planting trees.

 A. washing B. laundry C. gardening

 3. Some people say that robots will play a \_\_\_\_\_\_\_\_\_ role in the future because they will not be able to do complicated things.

 A. minor B. important C. necessary

 4. Future robots will be able to \_\_\_\_\_\_\_\_\_ our faces and give suitable responses.

 A. know B. recognise C. access

 5. In the future, we might not have to do the \_\_\_\_\_\_ because home robots will be able to help us do that.

 A. wash B. clothes C. laundry

 6. In the robotic competition, some robots can \_\_\_\_\_\_\_\_\_ heavy things.

 A. buy B. lift C. sit

 7. My father is cutting the \_\_\_\_\_\_\_\_\_ of my grandparents’ house.

 A. hedge B. dishes C. trees

 8. People can use robots to build \_\_\_\_\_\_\_\_\_ on other planets.

 A. gardens B. space stations C. palaces

**Exercise 8: Read and complete the text with available words/ phrases.**

**ROBOT WITH NEW FUNCTIONALITIES**

 **others industrial developed software different from**

 **human operator analysts dials intelligence logistics**

 In 2008, Caterpillar Inc. (1) \_\_\_\_\_\_\_\_\_\_\_\_\_ a dump truck which can drive itself without any (2) \_\_\_\_\_\_\_\_\_\_\_\_\_. Many analysts believe that self-driving trucks may eventually revolutionize (3) \_\_\_\_\_\_\_\_\_\_\_\_\_. By 2014, Caterpillar had a self-driving dump truck which is expected to greatly change the process of mining. In 2015, some (4) \_\_\_\_\_\_\_\_\_\_\_\_\_ believe that within the next few decades, most trucks will be self-driving.

 A literate or ‘reading robot’ named Marge has (5) \_\_\_\_\_\_\_\_\_\_\_\_\_ that comes from software. She can read newspapers, find and correct misspelled words, learn about banks like Barclays, and understand that some restaurants are better places to eat than (6) \_\_\_\_\_\_\_\_\_\_\_.

 Baxter is a new robot which is (7) \_\_\_\_\_\_\_\_\_\_\_\_\_ other industrial robots because it can learn. A worker could teach Baxter how to perform a task by moving its hands in the desired motion and having Baxter memorize them. Extra (8) \_\_\_\_\_\_\_\_\_\_\_\_\_, buttons, and controls are available on Baxter’s arm for more precision and features. Any regular worker could program Baxter and it only takes a matter of minutes, unlike usual (9) \_\_\_\_\_\_\_\_\_\_\_\_\_ robots that take extensive programs and coding in order to be used. This means Baxter needs no programming in order to operate. No (10) \_\_\_\_\_\_\_\_\_\_\_\_\_ engineers are needed. This also means Baxter can be taught to perform multiple, more complicated tasks.

**Exercises 9: Write sentences using *can, could, will be able to* + a suitable verb.**

 1. He \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to school last week because he was ill.

 2. He eats in restaurants all the time because he \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 3. I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ you a lift tomorrow because I am going to have my car washed.

 4. I didn’t have a good seat in the theatre, so I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the stage very well.

 5. Jane doesn’t need a calculator. She \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ very difficult sums in her head.

 6. She \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ very well after this singer-training course.

 7. I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ my tennis racquet. Have you seen it?

 8. Don’t speak too quickly or every one \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ you.

 9. We couldn’t go on the trip because we \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it. It was too expensive.

 10. I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ any more work because I was very tired, so I stopped.