


NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

SCORE: \_\_\_\_\_ /50

**A**  Listen to the conversation between two friends, Jack and Amanda. Choose *True* or *False* for each statement.

- |   |              |
|---|--------------|
| 1 Jack is surprised that the two chatbots had an argument.                        | True / False |
| 2 Jack and Amanda have different views on the origin of humor in chatbots.        | True / False |
| 3 Amanda is surprised the phone company has a machine that interacts with her.    | True / False |
| 4 Jack can see the positive side of having machines for customer service.         | True / False |
| 5 Amanda agrees with Jack that virtual assistants in phones are faster than ever. | True / False |

\_\_\_\_\_ / 10 (2 points each)

**B** Choose the correct answers.

- The manual was *comprehensively* / *potentially* reviewed by an editor before it was published.
- AI can analyze large amounts of data *demonstrably* / *undoubtedly* faster than humans.
- Progressively* / *Unquestionably*, machines are better than humans at collecting and processing data.
- Robots and AI could *inevitably* / *drastically* improve the workplace in the near future.
- Gradually* / *Radically*, people are accepting that robots could make good companions.
- By 2020, 30% of jobs could *feasibly* / *progressively* be automated.
- Intelligent machines are *ultimately* / *increasingly* able to understand verbal commands.
- Robots today are *markedly* / *gradually* different from those of twenty years ago.

\_\_\_\_\_ / 8 (1 point each)

**C** Complete the sentences with the words from the box.

beta version	chatbot	computer translation	facial-recognition
image-recognition	operating system	text-to-speech	virtual assistant

- Many people choose to open their phones using \_\_\_\_\_ software. They just look at their phones to unlock them.
- Jennifer thought she was talking to a human, but in fact she was talking to a \_\_\_\_\_.
- All computers need their own \_\_\_\_\_ to run programs and applications.
- The company launched an early \_\_\_\_\_ of the software so they could get feedback from users.
- One of the limitations of \_\_\_\_\_ is that one word can have many meanings, so the computer may choose the wrong meaning for a situation.
- \_\_\_\_\_ software is useful for those who have difficulties reading or prefer to hear their emails read to them.
- Companies use \_\_\_\_\_ tools to see how often their brand's logo appears in news coverage.
- Emily's \_\_\_\_\_ is named Tom. She keeps him in the kitchen for help when she's cooking.

\_\_\_\_\_ / 8 (1 point each)

**D** Choose the correct position, A or B, for the adverbs in parentheses.

- 1 Speech-to-text software is A going to B make writing texts faster. (undoubtedly)
- 2 Gaming robots A will B become better than humans. (inevitably)
- 3 Industrial robots will A not B be popular with workers who lose their jobs. (clearly)
- 4 Prices of domestic robots A are B about to fall. (evidently)
- 5 Virtual assistants A are B bound to be able to hear private conversations. (unfortunately)
- 6 Gasoline-fueled vehicles are A going to B be replaced by electric vehicles. (eventually)
- 7 Robot companions in the home A will B be appreciated by the elderly. (surely)

\_\_\_\_\_ / 7 (1 point each)

**E** Complete the conversation with the future perfect or the future perfect continuous using the verb in parentheses ( ).

**Jessica** So, how long have you been designing your latest robot, Randy?

**Randy** Well, by the end of the month, we <sup>1</sup> \_\_\_\_\_ (work) on it for six months. It's not finished yet. It's a robot dog. It'll be the third robot pet we <sup>2</sup> \_\_\_\_\_ (create). Hopefully, by the end of this year we <sup>3</sup> \_\_\_\_\_ (finish) testing it. By then, we <sup>4</sup> \_\_\_\_\_ (do) tests for three months, which is usually enough time to iron out any bugs. Our second pet, the robot mouse, hit the market last year, and next week we <sup>5</sup> \_\_\_\_\_ (sell) it for a year. We estimate that by then we <sup>6</sup> \_\_\_\_\_ (sell) over 15,000 robot mice, and the company <sup>7</sup> \_\_\_\_\_ (earn) almost half a million dollars in revenue.

**Jessica** Very impressive!

\_\_\_\_\_ / 7 (1 point each)

**F** Read the article. Then choose the correct answers.

### The Self-Driving Car

Artificial intelligence is clearly revolutionizing our world in many areas, and that includes transportation. In 2015, the installation rate of AI-based systems in new vehicles was 8%. This consisted mainly of speech-recognition systems. However, this rate is forecast to rise to 109% in 2025 due to the inclusion of multiple AI systems such as gesture controls, eye tracking, driver monitoring systems, and virtual assistants, among others. This will inevitably lead to a self-driving car, but opinions are divided as to whether autonomous cars are a good idea.

Supporters of AI point to the fact that the vast majority of accidents are caused by human error such as drunk driving, speeding, tiredness, and a more recent phenomenon, distraction. Clearly, automated vehicles would eliminate all accidents of these kinds. They also argue that apart from the obvious benefit of protecting lives, fewer accidents would also save governments millions of dollars a year.

Detractors argue that millions of workers actually make a living from transporting goods and people. The majority of these people would need to be reemployed. As for safety, if a child suddenly walked in front of a speeding car, what would happen? Would the car hit them or swerve off the road? Such a complex moral decision would have to be programmed into the machine. And if there were an accident, who would be responsible and who would pay for damages? Finally, some people actually enjoy driving, and if all vehicles were automated then they would be deprived of their hobby.

Whatever your view, the automobile industry is not waiting, and many car companies plan to release models with driverless features in the near future. Then it's only a question of time before fully autonomous vehicles follow the trend. Whether the public accepts them, that's another question.

- 1 What is the writer's main purpose in writing this text?
  - A to persuade the reader that driverless cars are a good idea
  - B to present a balanced argument about the value of AI
  - C to explain the current trends and viewpoints about self-driving vehicles
- 2 What does the first paragraph suggest?
  - A There will be more cars on the road in 2025.
  - B AI in self-driving cars will interact with the driver.
  - C Driverless cars will be more expensive.
- 3 Those in favor of self-driving cars claim ...
  - A there would be no accidents with automated cars.
  - B there would be substantial financial savings for governments.
  - C most accidents are caused by people being distracted while driving.
- 4 One of the arguments against self-driving cars is that ...
  - A a machine should not have to make a moral decision.
  - B all transportation workers would lose their jobs.
  - C they would cause more accidents with children.
- 5 What is the writer's attitude towards driverless cars?
  - A He is unsure whether they will be fully accepted.
  - B He is confused by the legal aspects.
  - C He is clearly more against them than for them.

\_\_\_\_\_ / 10 (2 points each)

# UNIT 1 QUIZ A

## Answer Key

**A** 1 F 2 T 3 F 4 T 5 T

**B** 1 comprehensively 2 demonstrably 3 Unquestionably 4 drastically  
5 Gradually 6 feasibly 7 increasingly 8 markedly

**C** 1 facial-recognition 2 chatbot 3 operating system 4 beta version  
5 computer translation 6 Text-to-speech 7 image-recognition 8 virtual assistant

**D** 1 A 2 B 3 A 4 B 5 B 6 A 7 B

**E** 1 'I'll have been working OR will have been working 2 'I'll have created OR will have created  
3 'I'll have finished OR will have finished 4 'I'll have been doing OR will have been doing  
5 'I'll have been selling OR will have been selling 6 'I'll have sold OR will have sold  
7 'I'll have earned OR will have earned

**F** 1 C 2 B 3 B 4 A 5 A

# AUDIOSCRIPTS


## EVOLVE LEVEL 6, Unit Quiz 1A

- Jack** Hey, Amanda. Why are you smiling?
- Amanda** I just saw this hilarious video. Two chatbots, one male, one female, having a conversation with each other.
- Jack** Really? What did they talk about?
- Amanda** Well, after they greeted each other, they started arguing.
- Jack** How typical!
- Amanda** Then the male bot identifies the female as a robot.
- Jack** Wow. That's pretty amazing.
- Amanda** Then she says, "together we are robots." And he says, "I am not a robot. I am a unicorn."
- Jack** A unicorn! That's so funny! I didn't know robots had a sense of humor. I thought they could only say what they are told to.
- Amanda** I get where you're coming from, but these days chatbots are more intuitive. They draw from a large data pool and it's possible they are repeating something they have read or heard.
- Jack** It's amazing. Have you ever spoken with a chatbot?
- Amanda** I think so. When I call the phone company, I inevitably have to answer a series of questions from a machine. I hate that. It's so frustrating. They ask you what the problem is, and it doesn't matter what you say – they don't understand you. Eventually I just stop talking and they transfer me to a human.
- Jack** I understand what you're saying, but I bet it saves the company a lot of money.
- Amanda** I guess so, but it wastes a lot of my time.
- Jack** I'm sure they will get better though. Look at the quality of voice recognition on phones.
- Amanda** You have a good point there. I was skeptical at first but my virtual assistant is actually quicker at opening apps than me searching for them manually. And now instead of typing a message, I dictate it. It's not 100% accurate, but it still saves me time.
- Jack** Yep. These things can only get better.
- Amanda** I agree.

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

SCORE: \_\_\_\_\_ /50

**A**  Listen to a conversation between two friends, Hayley and Nathan. Choose the correct answers.

- 1 How did Nathan initially feel about his robot cleaner?
  - A** opposed to the idea of having one
  - B** surprised that it took longer to clean the apartment than he thought
  - C** disappointed that it didn't clean all areas effectively
- 2 What problem did Nathan have with the cleaner?
  - A** It took two hours to clean his home.
  - B** It was distracting on weekends.
  - C** It destroyed a pair of his best shoes.
- 3 Hayley and Nathan agree that ...
  - A** there will be more robots in homes in the future.
  - B** new homes will have integrated technology.
  - C** entertainment will be the main benefit of smart homes.
- 4 What does Hayley say about the cost of smart homes?
  - A** There might be both costs and savings.
  - B** People will save money because they will use less heating.
  - C** More devices in the home will mean bigger electricity bills.
- 5 What does Nathan say about security?
  - A** Companies could watch your home when you are away.
  - B** Security cameras would reduce burglaries.
  - C** Smart systems could notice movement in your home.

\_\_\_\_\_ / 10 (2 points each)

**B** Choose the correct answers.

- 1 Robots of the future will be *gradually* / *radically* different from those emerging today.
- 2 Each year, computers are *progressively* / *potentially* outperforming humans at chess.
- 3 Many people fear that robots will *ultimately* / *dramatically* replace humans completely.
- 4 *Unquestionably* / *Comprehensively*, humans are better than machines at making decisions that involve uncertainty.
- 5 *Potentially* / *Markedly*, AI development might widen the existing digital divide between countries.
- 6 *Inevitably* / *Drastically*, one day robots will work alongside us.
- 7 AI is *increasingly* / *radically* doing tasks that were once done exclusively by humans.
- 8 Studies show that last year productivity in business was *dramatically* / *feasibly* improved by using automation.

\_\_\_\_\_ / 8 (1 point each)

**C** Complete the sentences with the words from the box.

artificial intelligence  
speech-to-text

beta version  
virtual assistant

computer translation  
voice activation

operating system  
working prototype

- 1 If a \_\_\_\_\_ of software is popular with users, it may lead to a successful final product.
- 2 Brad wasn't sure if the \_\_\_\_\_ on his computer was Windows 8 or 10.
- 3 Machines with \_\_\_\_\_ can be programmed to think like a human and imitate the way a person acts.
- 4 Jacob's cell phone has \_\_\_\_\_ set up on it, which means he can tell his phone to dial a friend's number.
- 5 When the company tested the first \_\_\_\_\_ of their robot, they realized it needed better stability.
- 6 In the last few years, \_\_\_\_\_ has improved a lot, but it doesn't do well when faced with jokes and poetry!
- 7 Before you can use a \_\_\_\_\_, you have to train it to recognize your voice.
- 8 To save time typing, the writer used \_\_\_\_\_ software and simply dictated his novel to his computer.

\_\_\_\_\_ / 8 (1 point each)

**D** Choose the correct position, A or B, for the adverbs in parentheses.

- 1 Robot soldiers A will B replace human soldiers. (eventually)
- 2 Computer translation software A will B never be 100% error-free. (clearly)
- 3 Robots are A going to B make it easier for surgery to be performed. (inevitably)
- 4 Robot companions A are B bound to become more popular in the future. (surely)
- 5 Artificial intelligence A is B about to revolutionize the way we work. (evidently)
- 6 Driverless cars will A not be able B to prevent all traffic accidents. (unfortunately)
- 7 Making homes smarter with artificial intelligence A will B make life easier for many people. (certainly)

\_\_\_\_\_ / 7 (1 point each)

**E** Complete the sentences with the future perfect or the future perfect continuous using the verb in parentheses ( ).

- 1 I've almost finished my report. By 8 o'clock, I \_\_\_\_\_ (work) on it for 4 hours.
- 2 Next year, Josh \_\_\_\_\_ (study) robotics for five years and will only have one more year to go.
- 3 Next month, Paul and John \_\_\_\_\_ (know) each other for ten years.
- 4 At midnight, the chess match between the robot and the human \_\_\_\_\_ (go) on for an incredible eight hours.
- 5 On November 8, Tim and Jennifer \_\_\_\_\_ (date) each other for three years.
- 6 In 20 years, people \_\_\_\_\_ (forget) the problems we had with our beta version.
- 7 Did you know that tomorrow we \_\_\_\_\_ (have) this house for a whole year?

\_\_\_\_\_ / 7 (1 point each)

**F** Read the article. Then choose the correct answers.

**AI in Sports**

When most people think about artificial intelligence, they think about AI being applied to work or home life, but the sports world is being revolutionized by AI technology. Using wearable technology, data can be collected while players are performing. This provides many benefits.

**Finding Talent**

Using AI algorithms, sports teams can analyze a player's performance statistics in a single game, over their season, or throughout their career. Computers can analyze data faster than humans, providing a wealth of in-depth information that can be used to decide the next star that a team should recruit.

**Managing Health**

Using wearable technology, coaches can monitor players' heart rates and movements. In 2016, the soccer team Leicester City, using wearable technology, won the English Premier League partly because they kept more players injury-free by optimizing training sessions and resting tired players.

**Improving Performance**

By tracking the players' movements in training, the data that is generated can be used to see which players are performing well. In baseball, AI can calculate the speed at which players throw the ball and swing the bat. In tennis, wearables can read movements for different types of shots. In American football training sessions, cameras in helmets can show exactly what the players can see – invaluable information for coaches. Creating profiles of successful performance makes it easier for coaches to replicate success because players have models to follow.

AI isn't perfect, and a large supply of data must be gathered before interpretations are made. Regardless of how sophisticated AI tools become, humans are not likely to be replaced soon.

One AI industry expert suggested that AI would mainly be used to challenge the beliefs and selections of talent scouts rather than to replace talent scouts completely.

With the wearable devices market expected to exceed \$51.5 billion by 2022, it is clear that successful teams will be those embracing technology.

- |   |   |
|---|---|
| <p>1 According to the text, AI can ...</p> <ul style="list-style-type: none"><li><b>A</b> analyze the accuracy of coaching.</li><li><b>B</b> determine which players are performing well.</li><li><b>C</b> choose which player a team should hire.</li></ul> <p>2 The writer says that wearable technology ...</p> <ul style="list-style-type: none"><li><b>A</b> can help players run for longer distances.</li><li><b>B</b> can assist coaches in deciding who to substitute during games.</li><li><b>C</b> helped one team keep more of their players healthy.</li></ul> <p>3 According to the text, in baseball, tennis, and American football ...</p> <ul style="list-style-type: none"><li><b>A</b> players use wearable vests to improve performance.</li><li><b>B</b> coaches get vital information from what the players can see.</li><li><b>C</b> the data received provides players with models of good performance.</li></ul> | <p>4 According to the text, AI ...</p> <ul style="list-style-type: none"><li><b>A</b> will interpret data better in the future.</li><li><b>B</b> will serve to assist in player selection.</li><li><b>C</b> may replace some coaches in the near future.</li></ul> <p>5 What is the general attitude of the writer towards AI in sports?</p> <ul style="list-style-type: none"><li><b>A</b> certain that it offers real benefits for coaches and players</li><li><b>B</b> skeptical that it will be widely used</li><li><b>C</b> unsure that coaches will be able to interpret large quantities of data</li></ul> |
|---|---|
- \_\_\_\_\_ / 10 (2 points each)



# UNIT 1 QUIZ B

## Answer Key

**A** 1 A 2 B 3 B 4 A 5 C

**B** 1 radically 2 progressively 3 ultimately 4 Unquestionably 5 Potentially  
6 Inevitably 7 increasingly 8 dramatically

**C** 1 beta version 2 operating system 3 artificial intelligence 4 voice activation  
5 working prototype 6 computer translation 7 virtual assistant 8 speech-to-text

**D** 1 B 2 B 3 A 4 B 5 B 6 A 7 B

**E** 1 'll have been working OR will have been working 2 will have been studying 3 will have known  
4 will have been going 5 will have been dating 6 will have forgotten 7 'll have had OR will have had

**F** 1 B 2 C 3 C 4 B 5 A

**Hayley** What's that noise?

**Nathan** That's our robot cleaner. My girlfriend wanted one. I was a bit resistant at first, but now I love it. Initially, it didn't save us any time because we used to watch it, fascinated to see if it was cleaning every inch of the house, but now we just let it work.

**Hayley** How often do you use it?

**Nathan** Initially, it came on four times a week, but it was annoying on the weekends because you have to keep jumping over it as it cleans everywhere. Also, if I was doing any work at home it was a bit noisy. So now it only runs during the week. It takes two hours to clean our apartment and does a pretty good job. The only problem now is that before it starts you have to make sure the apartment is free of obstacles, if you don't, it gets stuck on shoe laces and cords.

**Hayley** I think we'll see more robots and virtual assistants at home in the future.

**Nathan** I'm not sure about robots, but I do think new houses will be built with all the lighting, heating, and appliances connected, so you can operate them remotely from an assistant or from your phone.

**Hayley** Undoubtedly. And don't forget entertainment. A virtual assistant can play any song you ask it to.

**Nathan** True, but a fully smart home could be expensive.

**Hayley** You could look at it that way, but it could also save you money by programming your heating to come on when needed and having smart systems to know which parts of your home waste energy.

**Nathan** And smart homes could have motion detectors and security cameras that you could watch even when you were away. In fact, you could control everything in your home remotely.

**Hayley** I agree. Here comes your robot again!