


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)