

In recent years, self-driving cars have emerged as one of the most significant technological innovations. Vera, one of the first fully autonomous vehicles, (1)_____. After her first test run in Greenwich, UK, she has undergone numerous trials across the globe, showcasing the potential of autonomous driving. In one such event, Vera participated in the World Autonomous Vehicle Challenge in 2019, where it successfully completed a series of complex maneuvers without human assistance.

Vera is an example of how artificial intelligence and machine learning are changing the future of transportation, (2)_____. Without a doubt, Vera and other autonomous vehicles highlight the progress that has been made in the field of automation and robotics. (3)_____.

Vera's exterior design is inspired by both modern automotive engineering and futuristic concepts. (4)_____. The most striking feature of Vera is its advanced sensor system, which allows it to detect obstacles, navigate complex road networks, and ensure passenger safety without human input. Vera astonishes experts and the public alike with its seamless navigation. The Vera Intelligence System, which combines AI, machine learning, and real-time data processing, allows the vehicle to make decisions in real time. Equipped with sophisticated algorithms, (5)_____.

Question 1.

- A. that had its first activation in March 2021
- B. the activation of which took place in March 2021
- C. was first launched in March 2021
- D. having been initially activated in March 2021

Question 2.

- A. which combined innovations in AI and engineering have led to the creation of self-driving cars
- B. successfully combined AI, engineering, and design to bring self-driving cars to life
- C. which has achieved success in creating self-driving cars through breakthroughs in AI, engineering, and design
- D. of which the joint efforts in AI research, engineering, and design in building self-driving cars

Question 3.

- A. Planning to provide safe and efficient transportation, Vera has been designed.
- B. Vera was created to support people in transportation and robotics
- C. The autonomy of transportation led to the creation of Vera
- D. Vera was developed to revolutionize transportation with a focus on safety and efficiency

Question 4.

- A. It has sensors for eyes and cameras for ears, allowing it to navigate along with a human driver
- B. Using sensors and cameras as its eyes and ears, they can autonomously navigate roads and detect obstacles
- C. Vera uses sensors and cameras as its eyes and ears, enabling it to navigate without human intervention
- D. Without cameras and sensors working as its eyes and ears, Vera would not be able to navigate autonomously

Question 5.

- A. The data helps it to make decisions and navigate the roads without human input
- B. Vera can make real-time decisions based on data and external inputs
- C. Real-time decision-making and data processing are becoming easier for Vera
- D. Decision-making through real-time data processing takes place in Vera

Global warming is a concern to all people throughout the world (I). And it should be a concern. Not only are people affected by global warming, but there is new evidence that shows people have caused most of the warming changes over recent years. The earth and the people who live on it need greenhouse gas (II). Some, but not all, of greenhouse gas occurs naturally in the atmosphere. As the sun heats the earth responds by returning or radiating some of the sun's energy back into space (III). As the energy is returned, greenhouse gases in the atmosphere- water vapor, carbon dioxide, nitrous oxide, and methane-retain some of the heat in the atmosphere and, as a result, make our earth have a warmer temperature than it would without the absorption (IV).

When greenhouse gas increases, the ability of the gas to trap heat increases and the earth surface temperature becomes warmer. Our earth's surface temperature has been increasing over the past century, especially in the last couple of decades. Many attribute this change to often the amount of carbon dioxide that is emitted into the atmosphere. Changes in emissions began to occur when the Industrial Revolution began in America. America is known as a fossil fuel country because of its use of that kind of fuel in heating homes, powering vehicles, and maintaining factories. Oil, coal, and natural gas are all considered fossil fuels and when these fuels are burned the carbon dioxide they emit is released into the air. The same is true when wood is burned. As carbon dioxide is trapped in the atmosphere, changes in temperature occur.

The causes of something are one matter, but effects are another. When the gasses are absorbed in the atmosphere, climate changes occur. Temperatures rise, evaporation increases, and precipitation also increases to an upward spiral. Sometimes the soil moisture declines and sometimes rainstorms become intense and sea levels rise. What has been observed is the melting of glaciers and decreased amounts of snow-fall in the colder regions of the earth.

Projecting actual changes and the effects of those changes over the next several centuries cannot be accomplished with exactness. Not only will the overall effects be difficult to predict, the real problem comes in predicting the effects on regions and specific localities. For example, the scientists know that if global warming makes the ocean temperatures warmer then the result can be hurricanes of more intensity and frequency. The causes of global warming are known but the exact results and the degrees of the results aren't. Uncertainty as to the gravity and extent of global warming will continue until some certainty is extracted from factual, current, and objective data.

Although uncertainty is a serious concern, there are things people can do. If there is a "no ozone" day in your community, try to adhere to the guidelines

- d. Lisa: That's great! Are you enjoying it?
 e. Paul: I've started learning Spanish recently.

A. e-d-a-b-c B. e-b-c-a-d C. d-e-b-c-a D. d-c-e-b-a

Question 18.

Hi Emma,

- a. You were right about that documentary, it really opened my eyes to new perspectives.
 b. I've been thinking a lot about what we discussed last time, especially about climate change.
 c. I've already started researching more about the topic and how I can contribute.
 d. Thanks again for recommending that documentary, I really appreciate it.
 e. Let's catch up soon to talk more about our ideas for community action.

Speak soon,

Olivia

A. b-a-d-c-e B. d-a-b-e-c C. a-b-d-c-e D. b-d-a-c-e

Question 19.

- a. In addition to teaching, I participated in language exchange programs and helped organize cultural events for the local community.
 b. Recently, I completed a six-month internship in France, where I taught English to students of various ages.
 c. Looking back, I realize how much I've grown both personally and professionally during my time abroad.
 d. This experience not only improved my teaching skills but also deepened my understanding of different cultures.
 e. I've always been fascinated by languages, and my studies have taken me to several different countries.

A. e-b-d-a-c B. c-d-e-b-a C. d-c-a-b-e D. e-c-b-d-a

Question 20.

- a. However, it also presents challenges, such as the need for digital literacy and the importance of maintaining privacy.
 b. It has made information more accessible than ever, enabling us to learn and share knowledge across the globe in an instant.
 c. As we navigate this rapidly evolving landscape, finding a balance between embracing innovation and fostering genuine human connections becomes essential.
 d. Technology has transformed the way we live, work, and connect with one another.
 e. From smartphones that keep us connected to advanced medical devices that save lives, technology enhances our daily experiences.

A. d-e-b-a-c B. d-a-b-e-c C. d-a-e-b-c D. d-b-e-a-c

Technology is evolving at an astonishing pace, transforming the way we live, work, and interact. One of the most **groundbreaking** advancements is artificial intelligence (AI). AI allows machines to perform tasks that typically require human intelligence, such as recognizing speech, making decisions, and solving problems. Many industries, from healthcare to finance, are already benefiting from AI. For example, in medicine, AI helps doctors diagnose diseases more accurately, while in business, it assists companies in analyzing large sets of data to make better decisions.

Another significant technological development is the rise of 5G networks. This new generation of mobile connectivity promises much faster internet speeds and more reliable connections, enabling innovations like self-driving cars and smart cities. With 5G, **their** ability to communicate and process data in real-time will be greatly **enhanced**, making it possible to connect millions of devices simultaneously, which will further improve the efficiency of everything from traffic management to energy distribution.

However, with these advancements come concerns. Privacy is a major issue as more personal data is being collected and stored. ***Some worry that AI could lead to job losses as machines take over tasks previously done by humans.*** Furthermore, as 5G networks roll out, there are fears about potential health risks associated with prolonged exposure to radiation.

Despite these concerns, most experts agree that technology, if properly regulated, can bring about great benefits. Governments and organizations worldwide are working to ensure that technological advancements are used responsibly and ethically, ensuring a brighter future for all.

Question 21. Which of the following is NOT mentioned as an industry that benefits from AI?

A. Finance B. Medicine C. Entertainment D. Healthcare

Question 22. The word **groundbreaking** in paragraph 1 is OPPOSITE in meaning to _____

A. innovative B. revolutionary C. traditional D. modern

Question 23. The word **their** in paragraph 2 refers to _____

A. mobile connections B. faster internet speeds
 C. self-driving cars and smart cities D. 5G networks

Question 24. The word **enhanced** in paragraph 2 could be best replaced by _____.

A. limited B. decreased C. improved D. reduced

Question 25. Which of the following best paraphrases the underlined sentence in paragraph 3?

A. AI might cause people to lose jobs because machines can take over their tasks.
 B. AI is responsible for creating more job opportunities for humans.
 C. AI will not affect human jobs at all.
 D. Machines will replace all human tasks in the future.

Question 26. Which of the following is **TRUE** according to the passage?

A. Governments are not concerned about technology development.

- B. AI only benefits the medical industry.
- C. 5G technology will decrease the number of devices that can be connected.
- D. 5G networks will help improve the efficiency of energy management.

Question 27. In which paragraph does the writer mention concerns related to privacy?

- A. Paragraph 4
- B. Paragraph 3
- C. Paragraph 2
- D. Paragraph 1

Question 28. In which paragraph does the writer discuss efforts to ensure responsible use of technology?

- A. Paragraph 4
- B. Paragraph 2
- C. Paragraph 1
- D. Paragraph 3

Explore the Beauty of Eco-Tourism

Eco-tourism is an excellent way to explore the natural world while also protecting it. This type of travel focuses on minimizing environmental impact and supporting local communities. When you choose eco-tourism, you are not just enjoying nature, you are also helping to preserve it for future generations.

Why Eco-Tourism?

Every year, millions of tourists (29) _____ beautiful destinations around the world, but not all travel is sustainable. Traditional tourism often leads to overcrowding, pollution, and damage to natural habitats. (30) _____ eco-tourism, you can travel responsibly and make a positive impact.

Positive action!

- Choose eco-friendly accommodations. Look for hotels or lodges that use renewable energy and (31) _____ waste. These places often have policies in place to conserve water and reduce single-use plastics.
- When exploring nature, always follow the "leave no trace" principle. This means taking your trash with you, respecting wildlife, and staying on marked paths to (32) _____ damage to the environment.
- Support local businesses by buying handmade souvenirs and eating at local restaurants. This ensures that your money directly benefits the community and enhances the local economy.
- Before traveling, (33) _____ some research on the environmental practices of the places you plan to visit. This helps ensure you make responsible travel choices that align with eco-tourism principles.

The Benefits of Eco-Tourism

By choosing eco-tourism, you can enjoy breathtaking landscapes, connect with local cultures, and reduce your ecological footprint. It's a rewarding way to travel that combines adventure with responsibility. Remember, your choices inspire (34) _____ to protect the environment too!

- Question 29.** A. forget B. leave C. visit D. destroy
- Question 30.** A. Because of B. In view of C. With D. On account of
- Question 31.** A. prevent B. reduce C. create D. avoid
- Question 32.** A. minimize B. lead to C. stop D. cause
- Question 33.** A. take in B. break into C. carry out D. look after
- Question 34.** A. others B. other C. another D. the other

Discover the Future of Tech with SmartGadgets

- Experience (35) _____ like never before with our smartphones that redefine connectivity.
- Our (36) _____ will enhance your daily life and keep you ahead of the curve.
- Join thousands of customers (37) _____ with their purchases and enjoy unparalleled performance.
- Show the features (38) _____ your customers that truly set you apart from the competition.
- Don't (39) _____ out on this once-in-a-lifetime opportunity to upgrade your tech.
- Start (40) _____ the benefits of advanced technology today, or wait for the future to catch up!
- With SmartGadgets, you're not just purchasing a product; you're investing in a lifestyle. Explore our collection now!

Question 35.

- A. innovative
- B. innovate
- C. innovation
- D. innovatively

Question 36.

- A. innovative solutions technology
- B. innovative technology solutions
- C. technology solutions innovative
- D. solutions innovative technology

Question 37.

- A. was satisfied
- B. who satisfied
- C. satisfying
- D. satisfied

Question 38.

- A. with
- B. about
- C. to
- D. from

Question 39.

- A. miss
- B. run
- C. skip
- D. pass

Question 40.

- A. to enjoying
- B. enjoy
- C. enjoyed
- D. enjoying