

Read the following announcement and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 1 to 6.

☀ Amazing Inventions – Bright Ideas That Changed Our Lives ☀

Have you ever (1) _____ what life would be like without inventions? They shape the way we live, solve everyday problems, and even add fun to our routines. Read on to discover three amazing inventions that continue to make life easier, safer, and tastier!

🩹 An Idea That Stuck – The Band – Aid

- In 1920, **Earle Dickson** invented the ready – made bandage to help his wife, who often cut her fingers while cooking. Before then, people had (2) _____ gauze and tape themselves, (3) _____ was difficult and time – consuming. Dickson’s simple solution became a huge success, and today Band – Aids are available in many shapes, sizes, and colors.

🍪 A Tasty Mistake – Chocolate Chip Cookies

- In the 1930s, **Ruth Graves Wakefield** created a (4) _____ accident. She ran out of baking chocolate and chopped a bar of semisweet chocolate into the dough instead. To her surprise, the chocolate pieces did not melt but kept their chip form inside the cookies. This sweet mistake gave the world one of its favorite snacks!

🚦 Safety First – The Traffic Signal

- Before the 1920s, traffic accidents were common. After witnessing a serious crash between a car and a horse – drawn carriage, **Garrett Morgan** invented a traffic signal. His design used “Stop” and “Go” signs, which later developed (5) _____ today’s red, yellow, and green traffic lights that (6) _____ our roads safer.

[Adapted from <https://www.readworks.org/>]

Question 1: A. wondered B. wonderfully C. wondering D. wonderful

Question 2: A. to cutting B. cut C. to cut D. cutting

Question 3: A. whom B. which C. who D. in which

Question 4: A. surprisingly mistake sweet B. sweet mistake surprisingly

C. mistake surprisingly sweet D. surprisingly sweet mistake

Question 5: A. to B. into C. on D. for

Question 6: A. do B. take C. help D. keep

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 7 to 12.

THE VANISHING INVENTION

In 1998, a Valencian professor made an amazing claim. Professor Antonio Cervilla discovered how to use water as a (7) _____ for petrol. The scientist said that you could drive from Bilbao to Valencia on just half a (8) _____ of water. His invention uses a molybdenum compound to break down water into hydrogen and oxygen. Unlike (9) _____ methods, no electricity is required and the reaction happens at atmospheric temperature. This impressive technology is based on the way plant enzymes (10) _____ water. The use of molybdenum is the perfect choice because, although rare, it is cheap and found all around the planet.

Since the claims were made, nothing more has been heard about this fabulous technology. There is no explanation for the disappearance anywhere on the internet, (11) _____ a list of similar inventions which have also (12) _____. An inventor from the Philippines called Daniel Dingel developed a water – fuelled car but was arrested and sentenced to 20 years in prison. If this technology were to become widely available, it would prove disastrous for petrol station owners and would also save the planet from the impending environmental catastrophes being caused by pollution.

Question 7: A. alternative B. option C. substitute D. proxy

- Question 8:** A. litre B. amount C. quantity D. number
Question 9: A. the others B. the other C. other D. another
Question 10: A. break down B. put forward C. cover up D. figure out
Question 11: A. as well as B. with the aim C. in case of D. apart from
Question 12: A. proliferated B. emerged C. vanished D. persisted

Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or sentences to make a cohesive and coherent exchange or text in each of the following questions.

Question 13:

- a. **Nick:** Thanks to artificial intelligence, this driverless car can communicate with traffic lights.
b. **Lucy:** Nice—at home I prefer the vacuum cleaner that wipes away stains and lets me control the speed.
c. **Nick:** Cool; at the Technology Fair, 3D printing enables us to design a prototype fast.

A. c – b – a B. c – a – b C. a – c – b D. b – c – a

Question 14:

- a. **Amina:** The system enables nurses to communicate with the hub and upload diagrams; onboard software processes terrain data to avoid storms—suitable for mountain villages.
b. **Amina:** Have you seen the driverless medical drones in Rwanda and Ghana? Thanks to artificial intelligence and multi – gigahertz processors with ample RAM and storage space, they measure wind, distance, and route in real time.
c. **Kofi:** They allow remote clinics to get blood and vaccines in minutes; quick – charge batteries and safe discharge control make them convenient for emergency transport.
d. **Kofi:** If our Technology Fair demo works, I'll recommend it: press one button to run a test, and the assistant will let you know processor speed, GPS accuracy, and completion time.

A. b – d – a – d B. a – c – b – d C. a – d – b – c D. b – c – a – d

Question 15:

Dear John,

- a. This invention has promised to reduce traffic jams on the ground, and it has opened new possibilities for faster and more flexible travel.
b. I have recently read about flying cars, and they have already captured the imagination of many people.
c. I think flying cars have become one of the most exciting and unusual inventions of our time.
d. Several companies have started to invest in flying car projects, and they have shown how transportation may completely change in the future.
e. Engineers have designed prototypes that have combined the features of cars and small aircraft, and some of them have successfully taken test flights.

Best wishes,

Anna

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

Question 16:

- a. His creative designs improved the convenience, safety, and popularity of ATM transactions worldwide.
b. Dr. **Do Duc Cuong** is a Vietnamese scientist who made significant contributions to modern banking technology.
c. Although the first ATM was invented in Europe, Dr. Cuong's contributions helped reshape the global banking system.
d. He owned more than fifty patents, including important innovations related to the ATM machine.
e. He is regarded as a symbol of Vietnamese intelligence and creativity in financial technology.

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

Question 17:

- a. In my view, robots are becoming an essential part of the workplace, and their presence will only grow as technology advances.

- b.** They can take on tasks that are too dangerous for humans; for example, police units deploy robots to inspect suspicious bags that might contain explosives.
- c.** Because robots operate with high precision and do not tire, production errors decrease and the products we buy become better over time.
- d.** Engineers have also built robots that help officers apprehend suspects, which means the job becomes safer for everyone involved.
- e.** Overall, robots are a positive force for the future, provided they work alongside people rather than replace them.

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

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 18 to 22.

Countless inventions have been created throughout history, (18) _____. In my view, the most significant invention of all is the Internet.

The Internet is vital because it has revolutionized the way (19) _____. For instance, human communication has been dramatically reshaped. Instead of waiting days for letters to arrive, we can now interact with one another instantly through digital platforms. In fact, many individuals spend more time engaging (20) _____. If you walk into a modern café today, (21) _____ or laptops rather than conversing with the person sitting next to them.

Moreover, the Internet has enabled new modes of collaboration that were previously unimaginable. Remote work and international cooperation are now commonplace. By connecting a computer to the Internet, (22) _____. This connectivity allows individuals from different corners of the world to collaborate on projects seamlessly, even without meeting in person.

Although the Internet is a relatively recent invention, it has already become indispensable in our daily lives. Without it, modern society would function in an entirely different—and far less efficient—manner.

Question 18:

- A.** most of them are important for the progress of modern human society
- B.** which will have a profound impact on people's lives in the years to come
- C.** and many of them have profoundly transformed human life
- D.** with their impacts varying across cultures, technologies, and historical periods

Question 19:

- A.** and living our lives in numerous aspects
- B.** in which information are created, shared, and consumed across societies
- C.** we live in numerous aspects
- D.** which has revolutionized our lives in numerous aspects

Question 20:

- A.** with others online than they do in face - to - face conversations
- B.** for solitary browsing rather than in outdoor social activities with neighbors
- C.** on their cell phones and laptops instead of talking to each other
- D.** in debates on social networks rather than in local, in - person gatherings

Question 21:

- A.** people are seen using their devices instead of talking to one another
- B.** you are likely to see most people immersed in their smartphones
- C.** the staff will politely ask you to turn off your electronic devices
- D.** you could catch nearly everyone staring at their handsets

Question 22:

- A.** students can retrieve learning materials far beyond what their schools can provide
- B.** so individuals can share information with people from all over the world
- C.** people gain access to the same resources regardless of their location
- D.** organizations must adopt secure tools to protect sensitive data during collaboration

Read the passage and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 23 to 30.

Inventions have changed the world in countless ways. From life – saving medical devices to time – saving gadgets, inventions have improved our lives and shaped the way we live. One of the earliest known inventions was stone tools developed by humans millions of years ago. Throughout history, inventors have utilized their creativity and scientific knowledge to bring us amazing innovations.

One of the most influential inventors in history is Thomas Edison. He was a **prolific** inventor and held over 1,000 patents. One of his most famous inventions is the light bulb **which** changed the world by providing **inexpensive** lighting to large parts of society. Another invention that has had a major impact on modern life is Alexander Graham Bell's telephone. His invention revolutionized communication and allowed people to talk to one another no matter how far apart they were.

The Wright brothers are credited with inventing the first successful airplane, allowing humans to fly for the first time in 1903. Other important inventions include the television created by Philo Farnsworth and John Logie Baird; antibiotics discovered by Alexander Fleming; the internal combustion engine invented by Rudolph Diesel; and the personal computer created by Steve Wozniak and Steve Jobs.

Inventions continue to shape our lives today, with new technologies such as drones, 3D printing, artificial intelligence, robotics, and more being developed. **Inventors are constantly pushing boundaries to find new ways of improving our lives** and making the world a better place. As we look towards the future, it will be exciting to see what new inventions will come next!

[Adapted from www.Games4esl.com]

Question 23: According to the passage, all of the following are examples of modern technologies **EXCEPT**?

- A. drones B. robotics C. the telephone D. artificial intelligence

Question 24: The word "**prolific**" in paragraph 2 is closest in meaning to which of the following?

- A. creative B. productive C. well – known D. skillful

Question 25: The word "**inexpensive**" in paragraph 2 is **OPPOSITE** in meaning to which of the following?

- A. affordable B. costly C. beneficial D. simple

Question 26: The word "**which**" in paragraph 2 refers to which of the following?

- A. the light bulb B. Thomas Edison
C. his most famous inventions D. the world

Question 27: Which of the following statements is **TRUE** according to the passage?

- A. The Wright brothers invented the first airplane in the 19th century.
B. Alexander Graham Bell invented the telephone to allow people to talk to each other globally.
C. Rudolph Diesel invented the first personal computer.
D. The television was invented by Philo Farnsworth and John Logie Baird independently.

Question 28: Which of the following is closest in meaning to the sentence: "Inventors are constantly pushing boundaries to find new ways of improving our lives"?

- A. Inventors are limited by existing technologies in their quest for improvement.
B. Inventors are always trying to go beyond current limits to enhance our quality of life.
C. Inventors focus mainly on maintaining the status quo rather than creating new things.
D. Inventors are primarily concerned with theoretical concepts rather than practical applications.

Question 29: In which paragraph does the author discuss how modern technologies continue to impact our lives?

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

Question 30: In which paragraph does the author provide an example of a communication invention from the past?

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

Read the passage and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 31 to 40.

INVENTIONS

In recent years, technological innovation has continued to shape the world around us, leading to groundbreaking inventions that have the potential to transform everyday life. One of the most exciting new inventions is the electric vertical take – off and landing (eVTOL) aircraft. [I] Designed to be a quieter, more efficient alternative to traditional helicopters, eVTOLs could revolutionize urban transportation by providing a faster way to navigate congested cities. They run on electric batteries, which makes them more environmentally friendly compared to conventional aircraft that rely on fossil fuels.

Another notable invention is the use of artificial intelligence (AI) in healthcare. AI algorithms can analyze medical data more quickly and accurately than humans, helping doctors diagnose diseases earlier and more precisely. [II] For example, AI can detect patterns in medical images to identify conditions like cancer or cardiovascular diseases at an earlier stage, improving the chances of successful treatment. Although there are concerns about the ethical implications of AI, such as data privacy and the potential for job loss, **its** benefits in improving healthcare outcomes cannot be denied.

[III] With growing concerns about plastic waste, companies have started developing packaging materials that break down naturally, reducing the environmental impact of single – use plastics. These eco – friendly alternatives are made from natural sources, such as plant fibers, and can decompose within months, unlike traditional plastics that can **persist** for hundreds of years. [IV] This invention is not only beneficial for the environment but also promotes sustainability in industries worldwide.

In conclusion, the latest inventions, from electric aircraft to AI in healthcare and biodegradable packaging, demonstrate how technological advancements are **addressing some of the world's most pressing issues. While these innovations offer numerous benefits, it is essential to consider their broader impact on society to ensure that they are used responsibly and ethically.**

Question 31: Where in paragraph [] does the following sentence best fit?

One more recent innovation is biodegradable packaging.

- A. [I] B. [II] C. [III] D. [IV]

Question 32: According to the passage, which of the following is NOT a stated benefit of recent inventions?

- A. Biodegradable packaging can help to significantly reduce the environmental impact of plastic waste.
B. AI in healthcare can lead to faster and more accurate diagnoses of diseases in patients.
C. eVTOLs can provide a much faster and quieter way for people to travel in cities.
D. The new inventions have effectively eliminated all ethical concerns and social issues.

Question 33: The word "its" in paragraph 2 refers to

- A. medical data B. disease C. AI D. healthcare

Question 34: The word "**persist**" in paragraph 3 is **OPPOSITE** in meaning to

- A. endure B. remain C. decompose D. last

Question 35: The phrase "**addressing some of the world's most pressing issues**" in paragraph 4 is closest in meaning to which of the following?

- A. Locations where global problems happen B. Solving urgent global challenges
C. Observing the world's daily activities D. Reporting on environmental and social topics

Question 36: Which of the following best summarizes the main idea of the second paragraph?

- A. Arguing that the main purpose of AI is to ensure doctors do not have to work as hard and have more time to rest.
B. Highlighting the many ethical issues and concerns related to the use of artificial intelligence in a medical context.
C. Explaining the significant benefits of artificial intelligence in healthcare, specifically its ability to improve disease diagnosis.
D. Providing a detailed account of how AI algorithms are created and used for analyzing medical data for diagnostic purposes.

Question 37: Which of the following statements is TRUE according to the passage?

- A. eVTOLs are similar to traditional helicopters because they also use fossil fuels to operate efficiently.
B. Biodegradable packaging is designed to decompose over hundreds of years, similar to traditional plastics.

C. The use of AI in healthcare does not come with any ethical issues or concerns about data privacy.

D. Modern inventions like eVTOLs, AI, and biodegradable packaging are addressing major global challenges.

Question 38: Which of the following best paraphrases the idea of the last sentence in paragraph 4: "While these innovations offer numerous benefits, it is essential to consider their broader impact on society to ensure that they are used responsibly and ethically."?

A. The widespread effects of modern innovations must be carefully considered, even though they have many advantages, to guarantee their ethical use.

B. It is important to look at the positive aspects of an invention while also considering how they can be applied in a responsible and ethical manner.

C. Inventions often come with a variety of drawbacks, so it is necessary to consider how to use them without causing harm to society.

D. The benefits of new inventions are undeniable, but it is a necessary task to make sure they are used in a moral and responsible way.

Question 39: Which of the following can most likely be inferred from the passage?

A. The primary focus of modern innovation is on solving environmental and health – related issues.

B. The development of eVTOL aircraft is currently a completely risk – free and straightforward process.

C. The benefits of modern inventions are more significant than their potential negative consequences.

D. Companies are developing biodegradable packaging mainly to attract eco – conscious customers.

Question 40: Which of the following best summarizes the main idea of the passage?

A. The history of groundbreaking inventions and their impact on various industries over time.

B. Several recent inventions and their transformative potential, along with the need for responsible and ethical use.

C. The claim that all recent technological advancements are beneficial and will solve the world's most pressing issues in the future.

D. A comparison between the benefits of new inventions and the drawbacks of older ones, focusing on their impacts on society.