

?) Inventions are the driving force behind progress. While (7) _____ innovations might seem less significant, some have completely transformed the way we live and interact. It's fascinating how some of the most revolutionary inventions (8) _____ in the most unexpected ways, often out of necessity or sheer curiosity.

?) The invention of the wheel is often considered one of humanity's greatest (9) _____, and it paved the way for countless other breakthroughs. (10) _____ the printing press, other groundbreaking inventions, such as electricity and the internet, have revolutionized every aspect of our lives.

?) The advancement of space technology has allowed humans to explore beyond our planet, opening up new (11) _____. A (12) _____ of these inventions have shaped modern society in unimaginable ways, altering the way we work, communicate, and even think.

Question 7: A. the others

B. others

C. other

D. another

Question 8: A. agreed with
broke up

B. backed up

C. came up

D.

Question 9: A. accomplishments
achievements

B. ideas

C. discoveries

D.

Question 10: A. Apart from

B. Out of

C. Because of

D. Due to

Question 11: A. territories
dimensions

B. frontiers

C. opportunities

D.

Question 12: A. large number
vast number

B. wealth

C. multitude

D.

Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or sentences to make a meaningful exchange or text in each of the following questions from 13 to 17.

Question 13:

- John: Hey, Anna! I'm doing well, thanks. Just been busy with work. How about you?
- Anna: Same here! Work's been hectic. I've got so many things to finish before the weekend.
- Anna: Hey, John! How's it going?

A. c-a-b

B. a-c-b

C. a-b-c

D. b-c-a

Question 14:

- Mark: Honestly, I'm just looking forward to some downtime. Maybe catch up on Netflix or go for a walk in the park. How about you? Any exciting plans?
- Sophia: Hey, Mark! You look like you're in a good mood today. What's up?
- Sophia: Hmm, I'm thinking of trying something new this weekend. I've been reading about a new art exhibit downtown. Could be fun to check it out.

- d. Sophia: That's awesome! You've been talking about that project for weeks. What's next on your plate?
- e. Mark: Hey, Sophia! Oh, you know, just finished a big project at work, and I finally feel like I can breathe. It's like a weight lifted off my shoulders!

A. a-d-e-b-c

B. e-b-a-d-c

C. e-c-d-a-b

D. b-e-d-a-c

Question 15:

Dear Jack,

- a. It's not an ordinary key. It's brass, very old-looking, with an intricate design that resembles a compass, and on the back, there's a symbol I've never seen before—a spiral, almost like a galaxy.
- b. Do you think I'm being silly? Or do you think there's some hidden secret my family has been keeping all these years? I can't help but feel like I've unlocked something bigger than I can understand. It's like the key is calling me to something.
- c. I hope this letter finds you well, though I imagine you might be just as baffled as I am. Do you remember the strange key I found in the old chest in my grandmother's attic last week? I'm still not sure what to make of it, but something about it feels important.
- d. At first, I thought it might just be a family heirloom, but after doing a little research (okay, I got a bit obsessed), I stumbled upon an old journal entry from my great-great-grandfather, a man I never knew existed. It mentions "the key to an unopened door".
- e. If you get a chance, let me know what you think. I could really use your logical brain on this one.

Take care,

LK

A. b-c-d-a-e

B. b-e-d-c-a

C. a-b-c-d-e

D. c-a-d-b-e

Question 16:

- a. This network shows that forests are not just collections of individuals, but interconnected communities where cooperation is essential for survival.
- b. It's a reminder that even in nature, collaboration is key.
- c. Beneath the forest floor, an unseen world thrives — a vast network where trees communicate and collaborate through roots and fungi.
- d. Older trees, often called "mother trees," play a vital role, supporting younger ones by sending them nutrients, especially when resources are scarce.
- e. Known as the "Wood Wide Web," this system allows trees to exchange nutrients, share water, and warn each other of dangers like pests.

A. e-c-a-d-b

B. c-e-d-a-b

C. d-e-a-c-b

D. a-e-d-c-b

Question 17:

- a. As society continues to delve into the possibilities of AI, its ultimate challenge will be to balance innovation with responsibility, ensuring that its benefits are widely shared without compromising human values.
- b. In recent years, AI has revolutionized fields such as healthcare, where it can analyze medical images and predict diseases with incredible accuracy, and in business, where it helps companies improve efficiency through data analysis.
- c. At its core, AI involves machines designed to mimic human intelligence, enabling them to learn from experience and adapt to new situations.
- d. However, as AI continues to advance, questions about ethics, privacy, and its potential impact on jobs are becoming more pressing.
- e. Artificial Intelligence (AI) has rapidly transformed many aspects of our daily lives, from virtual assistants like Siri to self-driving cars.

A. e-d-c-b-a

B. e-b-a-d-c

C. e-c-b-d-a

D. e-d-c-a-b

Read the following passage about The Invention of the Self-Healing Concrete 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.

One of the most innovative inventions in recent years is self-healing concrete, a material that has the ability to repair its own cracks. This breakthrough (18)_____ ways to extend the lifespan of concrete structures, which are often damaged by time and environmental factors. Self-healing concrete contains bacteria (19)_____. When cracks form, these bacteria become activated by water and begin to produce limestone, which fills the cracks and restores the concrete.

(20)_____ and infrastructure, as it could reduce the need for expensive and labor-intensive repairs. Roads, bridges, and buildings made from self-healing concrete would be more durable and resistant to wear and tear. In addition to having saved money on maintenance, this technology could also help reduce the environmental impact of construction, (21)_____ and having led to less waste.

(22)_____ of how science and technology are working to solve real-world problems. As this technology continues to evolve, it may play a key role in creating sustainable, long-lasting infrastructure for the future.

Question 18:

- A. was developed by scientists who looked for
- B. was developed by scientists whom were looking for
- C. having developed by scientists who were looking for
- D. was developed by scientists who were looking for

Question 19:

- A. that are embedded within the material
- B. that were embedded within the material

- C. that will be embedded within the material
- D. that which are embedded within the material

Question 20:

- A. This invention has the potential for to revolutionize construction
- B. This invention has the potential to revolutionize construction
- C. This invention revolutionizes the construction potential
- D. This invention has the potential revolutionized construction

Question 21:

- A. having need less material for repairs
- B. needing less material for repairs
- C. having needed less material for repairs
- D. having needed less materials for repair

Question 22:

- A. The development of self-healing concrete represents just one example
- B. The development of self-healing concrete represents one example just
- C. The self-healing concrete development represents just one example
- D. The development of self-healing concrete has represented just one example

Read the following passage about The Impact of Urban Gardening on City Life 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.

Urban gardening has become a growing trend in cities worldwide, as more people turn their balconies, rooftops, and small land patches into productive green spaces. This movement offers numerous benefits, both for the environment and the well-being of city dwellers.

One of the most significant **advantages** is that urban gardens help reduce the carbon footprint by minimizing the need for transporting food from rural areas to cities. These gardens also contribute to cleaner air by absorbing pollutants, which is particularly important in densely populated urban areas. Additionally, urban gardens provide a peaceful retreat from the noise and stress of city life, offering mental health benefits and promoting relaxation. Many people find growing food to be a rewarding and **therapeutic** activity, fostering a deep connection to nature.

Urban gardening also fosters a sense of community. Many neighborhoods now have shared gardens where neighbors can collaborate, share produce, and build stronger social connections. **This communal activity can turn isolated urban spaces into thriving, supportive communities, where residents work together toward common goals.**

In conclusion, urban gardening is more than just an environmentally friendly practice; it's a powerful tool for social change that helps create healthier, more connected, and sustainable cities.

Question 23: Which of the following is NOT mentioned in the passage?

- A. Urban gardening encourages individuals to grow food for commercial purposes.

- B. Urban gardens provide a peaceful retreat and mental health benefits.
- C. Urban gardens help reduce the carbon footprint by cutting down the need for transporting food.
- D. Urban gardening fosters a sense of community and social connections.

Question 24: The word “advantages” in paragraph 2 is OPPOSITE in meaning to _____.

- A. Benefits
- B. Drawbacks
- C. Enhancements
- D. Improvements

Question 25: The word “therapeutic” in paragraph 2 could be best replaced by _____.

- A. Exhausting
- B. Challenging
- C. Calming
- D. Expensive

Question 26: Which of the following best paraphrases the underlined sentence in paragraph 3?

- A. Urban gardening helps create small individual gardens in urban spaces, which residents use for personal growth.
- B. Collaborative gardening projects bring together city dwellers who are looking for personal relaxation and peace.
- C. The activity of urban gardening promotes isolation and creates smaller, more disconnected communities in the city.
- D. Shared gardens can transform neglected urban areas into active and cooperative neighborhoods, where people unite for shared purposes.

Question 27: The word “it's” in paragraph 4 refers to _____.

- A. Social change
- B. Urban gardening
- C. The environment
- D. City life

Question 28: Which of the following is TRUE according to the passage?

- A. Urban gardening is only beneficial for the environment, not for people's well-being.
- B. Urban gardening leads to increased isolation in urban areas.
- C. Urban gardens can improve air quality by absorbing pollutants.
- D. People grow food in urban gardens primarily for commercial purposes.

Question 29: In which paragraph does the writer mention how urban gardening helps the environment?

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

Question 30: In which paragraph does the writer mention suggestions about the social impact of urban gardening?

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

Read the following passage about the Harmonizing Humans and Nature 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.

[I]As the world rapidly modernizes, [III]. Urbanization, industrialization, and technological advancements have caused a growing divide between people and the natural world[III]. While cities expand,

forests are being cut down, and ecosystems are **hanging by a thread**. However, many experts argue that restoring the balance between the two is not just important, **[IV]** but a matter of life and death for both humanity and the planet.

One way to achieve this harmony is through sustainable development. Urban areas, for example, can incorporate green infrastructure into their designs. Green roofs, urban parks, and community gardens can help reduce the adverse effects of urbanization, such as air pollution and the urban heat island effect. These green spaces not only improve the environment but also provide recreational areas for people to engage with nature. **Additionally, encouraging eco-friendly practices, such as waste reduction and the use of renewable energy, can significantly reduce human impact on the planet.**

Moreover, protecting natural habitats is essential for maintaining biodiversity. Conservation efforts to protect forests, wetlands, and oceans help sustain the ecosystems that provide clean air, water, and food for all living creatures. The preservation of natural spaces is **vital** to maintaining ecological balance and ensuring that future generations can enjoy the benefits of nature.

Ultimately, harmonizing humans and nature requires collective action. Governments, businesses, and individuals all have roles to play in protecting the environment and promoting sustainable lifestyles. By understanding the importance of **this** relationship and making conscious choices, humanity can create a more sustainable future for both itself and the planet.

Question 31: Where in paragraph 1 does the following sentence best fit?

the relationship between humans and nature has become increasingly strained

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

Question 32: The phrase “**hanging by a thread**” in paragraph 1 could be best replaced by _____.

- A. Going through
- B. Keeping up with
- C. Falling apart
- D. Holding on to

Question 33: Which of the following is NOT mentioned as a benefit of sustainable development in the passage?

- A. Increasing industrial production
- B. Mitigating the urban heat island effect
- C. Providing recreational areas for people to engage with nature
- D. Reducing air pollution

Question 34: Which of the following best paraphrases the underlined sentence in paragraph 2?

- A. Promoting green practices like reducing waste and using renewable energy can have a major positive effect on the environment.
- B. Reducing human impact on the planet can be achieved by using more renewable energy and producing less waste.
- C. Implementing eco-friendly practices such as waste reduction and renewable energy is essential to sustainable development.

D. Encouraging people to use less energy and reduce waste can help lower their carbon footprint.

Question 35: The word “vital” in paragraph 3 is OPPOSITE in meaning to _____.

A. Integral

B. Central

C. Irrelevant

D. Peripheral

Question 36: Which of the following best summarises paragraph 3?

A. Conservation efforts are essential to protect forests, wetlands, and oceans, but they are not enough to maintain ecological balance.

B. Natural habitats need to be preserved to ensure that human activities do not disrupt ecosystems.

C. Protecting natural habitats is crucial for preserving biodiversity and ensuring future generations benefit from nature’s resources.

D. Biodiversity can be maintained by reducing human impact on the environment and encouraging more eco-friendly practices.

Question 37: The word “this” in paragraph 4 refers to _____.

A. The need for sustainable development

B. The collective action required to harmonize humans and nature

C. The relationship between humans and nature

D. The importance of protecting the environment

Question 38: Which of the following is TRUE according to the passage?

A. Urbanization and industrialization have had no significant impact on the relationship between humans and nature.

B. Green infrastructure such as urban parks and green roofs can help mitigate the negative effects of urbanization.

C. Protecting natural habitats is unnecessary for sustaining biodiversity.

D. The relationship between humans and nature will naturally balance out without any collective effort.

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

A. Restoring the balance between humans and nature requires efforts from governments, businesses, and individuals alike.

B. Sustainable development has no effect on improving urban living conditions or environmental health.

C. The preservation of natural spaces is only important for protecting wildlife and does not impact human well-being.

D. Technological advancements are entirely negative and should be halted to restore harmony between humans and nature.

Question 40: Which of the following best summarises the passage?

A. The rapid advancement of urbanization and industrialization has led to environmental damage, but by adopting sustainable practices and collective action, humanity can restore the balance between nature and modern life.

- B. As industrial progress continues, urbanization disrupts natural habitats, but by adopting eco-friendly practices and focusing on collective conservation efforts, humans can mitigate the damage caused.
- C. The conflict between urban growth and nature has become critical, and it is essential for cities to implement green infrastructure and conservation efforts to preserve ecosystems and ensure a sustainable future.
- D. The environmental strain caused by urban expansion and technological development is a pressing issue that requires comprehensive action, including sustainable development and habitat protection, to restore harmony with nature.