**Vocabulary-Reading-1**

**Tapping into the Ocean's Power: The Potential of Tidal Kites**

**1)** The quest for sustainable energy sources has led humanity to explore some of the most innovative and eco-friendly solutions in recent years. Among these, tidal kites represent a cutting-edge technology that **harnesses** ocean currents to generate electricity. Functioning similarly to wind turbines, but submerged in water, these devices are anchored to the seabed and move through water currents, capturing energy as they go.

**2)** Tidal kites consist of a wing and a turbine attached to a tether, which allows them to soar through the ocean currents. As **they** glide, the movement of water across the turbine blades generates power. This technology has been in development for over a decade and has shown promising results in various trials around the world. For instance, a significant project off the coast of Wales has successfully demonstrated the capability of tidal kites to produce sustainable and reliable energy.

**3)** The energy produced by tidal kites is not only renewable but also incredibly consistent. Ocean currents are far more predictable than wind patterns and solar radiation, offering a steady flow of power. **(I)** This predictability makes tidal energy a highly reliable component of the green energy mix, potentially smoothing out the variability seen in wind and solar power.

**4)** Furthermore, the environmental impact of tidal kites is minimal. Positioned underwater, these kites have a low visual impact compared to traditional wind turbines, and the slow-moving blades pose little threat to marine life. **(II)** The kites can be easily removed, leaving no permanent damage to the marine ecosystem.

**5)** Despite these advantages, the widespread adoption of tidal kites faces several challenges. **(III)** The initial installation and maintenance costs are high, and the technology requires specific geographical conditions to be effective. Not all coastal areas have strong enough currents to support tidal energy generation, limiting the places where this technology can be deployed. **6)** Moreover, the current technology used in tidal kites has been evolving. **(IV)** Engineers are continuously working to improve the efficiency of the turbines and the durability of the materials used. These improvements are crucial for reducing costs and enhancing the feasibility of tidal kite projects on a larger scale.

**7)** In addition to technical challenges, there are regulatory hurdles. Securing permits for deploying these devices can be a lengthy and complicated process, often hindered by concerns about potential impacts on navigation and fishing activities. However, as awareness of the benefits of tidal energy grows, regulatory frameworks are gradually adapting.

**8)** In conclusion, tidal kites hold significant promise for contributing to the world’s energy needs. With ongoing research and development, this technology could become a cornerstone of sustainable energy strategies. As the world continues to seek solutions that balance energy production with environmental preservation, tidal kites offer a glimpse into a cleaner, more stable energy future.

**1. What is the closest meaning of the word "harnesses" as used in paragraph 1?**

A) Manipulates

B) Exploits

C) Utilizes

D) Restrains

**2. Which sentence in the text is irrelevant?**

A) Paragraph 3: "This predictability makes tidal energy a highly reliable component of the green energy mix."

B) Paragraph 5: "The initial installation and maintenance costs are high."

C) Paragraph 6: "Engineers are continuously working to improve the efficiency of the turbines."

D) Paragraph 4: "The kites can also be easily removed, leaving no permanent damage to the marine ecosystem."

**3. What would be the best title for this article?**

A) The Future of Tidal Kite Technology

B) The Evolution of Wind Turbines

C) The Problems with Renewable Energy

D) Overview of Ocean Currents

**4. Which information is NOT given in the text?**

A) The predictability of tidal energy

B) The locations of major tidal kite projects

C) The environmental benefits of tidal kites

D) The exact cost of tidal kite technology

**5. What can be inferred from this text?**

A) Tidal kites will replace all other forms of energy soon.

B) The technology is still undergoing significant development.

C) Tidal kites pose a significant threat to marine ecosystems.

D) The technology has been fully adopted worldwide.

**6. What is the tone of the author in the text?**

A) Skeptical

B) Informative

C) Biased

D) Amused

**7. Complete the following sentence based on the text: "Tidal kites are anchored to the seabed and move through water currents, capturing energy as they \_\_\_\_."**

A) float

B) rotate

C) glide

D) expand

**8. Which sentence best completes the following paragraph? "While the challenges are substantial, the continuous advancements in technology suggest a bright future for tidal kites. \_\_\_\_\_"**

A) Therefore, further investment and research are justified.

B) Therefore, they are likely to be abandoned.

C) Therefore, they are not a viable solution.

D) Therefore, they will not be effective.

**9. What is the purpose of this text?**

A) To criticize the slow development of tidal kites.

B) To describe how tidal kites work and their potential benefits.

C) To focus on the failures of tidal kite technology.

D) To persuade readers to invest in tidal kite technology.

**10. In paragraph 2, what does the pronoun "they" refer to?**

A) Trials

B) Ocean currents

C) Turbine blades

D) Tidal kites

**11. What information is not included in paragraph 3?**

A) The predictability of ocean currents.

B) How tidal energy complements other green energies.

C) Specific data on energy output from tidal kites.

D) The reliability of tidal energy.

**12. According to paragraph 4, why is the environmental impact of tidal kites considered minimal?**

A) They use renewable energy sources.

B) They do not disrupt marine life significantly.

C) They are visually unobtrusive.

D) All of the above

**13. What challenge is highlighted in paragraph 5 regarding the deployment of tidal kites?**

A) High energy production costs

B) Lack of suitable geographical locations

C) Difficulty in obtaining raw materials

D) The complexity of the technology

**14. What is a major focus of the improvements mentioned in paragraph 6?**

A) Reducing environmental impact

B) Increasing the size of the kites

C) Enhancing efficiency and durability

D) Changing the design to be more visually appealing

**15. In paragraph 7, what is described as a regulatory hurdle?**

A) The difficulty in securing deployment permits

B) The impact on energy prices

C) Resistance from environmental groups

D) Public opposition to new technologies

**Vocabulary-MultipleChoices-1**

**1. The team's main \_\_\_\_\_\_\_\_\_\_ is to develop an eco-friendly solution that reduces energy consumption.**

A) quest

B) variable

C) commission

D) fold

**2. The recent initiative focuses on \_\_\_\_\_\_\_\_\_\_ the depths of the Arctic ocean to study its unique ecosystems.**

A) folding

B) dominating

C) exploring

D) functioning

**3. Our new software tool is highly \_\_\_\_\_\_\_\_\_\_, offering unique solutions to previously unsolvable problems.**

A) tidal

B) innovative

C) variable

D) predictable

**4. Tidal kites, which are designed to \_\_\_\_\_\_\_\_\_\_ energy from water currents, are an example of renewable technology.**

A) harness

B) treat

C) hesitate

D) look up

**5. Offshore wind farms \_\_\_\_\_\_\_\_\_\_ of numerous turbines that are fixed in the seabed.**

A) turn on

B) make a difference

C) work out

D) consist of

**6. Our latest project aims to \_\_\_\_\_\_\_\_\_\_ additional funds for research into sustainable energy solutions.**

A) generate

B) point out

C) stick to

D) make sure

**7. The ocean's \_\_\_\_\_\_\_\_\_\_ can provide a predictable source of energy for marine turbines.**

A) sequence

B) zone

C) currents

D) leadership

**8. To ensure our production process is \_\_\_\_\_\_\_\_\_\_ with our sustainability goals, we regularly review all procedures.**

A) consistent

B) similar to

C) largely

D) artificial

**9. Creating \_\_\_\_\_\_\_\_\_\_ intelligence algorithms is crucial for improving decision-making in autonomous vehicles.**

A) tidal

B) eco-friendly

C) artificial

D) variable

**10. The company's new \_\_\_\_\_\_\_\_\_\_ focuses primarily on developing advanced networking solutions for remote areas.**

A) leadership

B) division

C) agenda

D) quest

**11. The project manager emphasized the importance of \_\_\_\_\_\_\_\_\_\_ our approach to customer feedback, ensuring our services are \_\_\_\_\_\_\_\_\_\_ updated.**

A) sticking to / consistently

B) exploring / additionally

C) harnessing / similarly

D) making / predictably

**12. To \_\_\_\_\_\_\_\_\_\_ the impact of environmental changes, it is essential to \_\_\_\_\_\_\_\_\_\_ both renewable and non-renewable resources.**

A) capture / turn off

B) fold / dominate

C) point out / function

D) minimize / explore

**13. The scientists \_\_\_\_\_\_\_\_\_\_ their quest to find new species by \_\_\_\_\_\_\_\_\_\_ into unknown territories of the Amazon rainforest.**

A) made sure / sticking to

B) turned off / looking up

C) set out / delving

D) worked out / making sense

**14. Renewable energy solutions, \_\_\_\_\_\_\_\_\_\_ solar panels and wind turbines, have become \_\_\_\_\_\_\_\_\_\_ popular over the past decade.**

A) opposed to / variably

B) such as / increasingly

C) prior to / consistently

D) similar to / gradually

**15. As opposed to traditional methods, the \_\_\_\_\_\_\_\_\_\_ approach to data analysis offers a more \_\_\_\_\_\_\_\_\_\_ way to understand consumer behavior.**

A) innovative / variable

B) tidal / submerged

C) anchored / predictable

D) eco-friendly / widespread

**16. The CEO's \_\_\_\_\_\_\_\_\_\_ includes major restructuring of the company's \_\_\_\_\_\_\_\_\_\_ to better focus on international markets.**

A) sequence / zones

B) quest / leadership

C) agenda / divisions

D) commitment / priorities

**17. The team was advised to \_\_\_\_\_\_\_\_\_\_ the feasibility of the proposed plan \_\_\_\_\_\_\_\_\_\_ making any final decisions.**

A) harness / after

B) check / prior to

C) fold / while

D) point out / during

**18. \_\_\_\_\_\_\_\_\_\_ achieving significant milestones, the project was \_\_\_\_\_\_\_\_\_\_ due to budget constraints.**

A) Prior to / commissioned

B) After / folded

C) Despite / scaled down

D) Before / turned off

**19. To \_\_\_\_\_\_\_\_\_\_ a broader impact, it is critical to \_\_\_\_\_\_\_\_\_\_ innovative solutions in various sectors of the economy.**

A) generate / explore

B) capture / tether

C) fold / dominate

D) point out / fix

**20. \_\_\_\_\_\_\_\_\_ the last board meeting, the new policy to enhance employee wellness will \_\_\_\_\_\_\_\_\_\_ through a series of health initiatives.**

A) Despite / scale down

B) As opposed to / make sense

C) Prior to / turn off

D) As of / work out

**21. The instructions for the new software installation are \_\_\_\_\_\_\_\_\_\_: ensure compatibility, download the necessary files, and then \_\_\_\_\_\_\_\_\_\_ any issues with the support team.**

A) similarly / generate

B) as follows / work out

C) as of / point out

D) as opposed to / fold

**Vocabulary-ClozeTest-1**

The world is rapidly moving towards more sustainable energy solutions, and a major part of this shift involves the (1) \_\_\_\_\_\_\_\_ of renewable technologies. One such technology is the use of (2) \_\_\_\_\_\_\_\_, which are designed to (3) \_\_\_\_\_\_\_\_ energy from the natural movements of ocean currents. Unlike traditional wind (4) \_\_\_\_\_\_\_\_ , which are visible above the water, tidal kites are (5) \_\_\_\_\_\_\_\_ and remain (6) \_\_\_\_\_\_\_\_ to the ocean floor, a method that minimizes environmental impact while maximizing energy (7) \_\_\_\_\_\_\_\_. These kites function through a system of (8) \_\_\_\_\_\_\_\_ that allows them to move in a controlled manner. As they are driven by the underwater (9) \_\_\_\_\_\_\_\_, their movements are (10) \_\_\_\_\_\_\_\_ and less (11) \_\_\_\_\_\_\_\_ than those of wind turbines, which are subject to variable wind speeds. The kites’ ability to (12) \_\_\_\_\_\_\_\_ a consistent level of energy generation highlights an (13) \_\_\_\_\_\_\_\_ aspect of their design. They are a prime example of how (14) \_\_\_\_\_\_\_\_ can lead to practical, eco-friendly solutions that have a (15) \_\_\_\_\_\_\_\_ impact on our approach to energy production.

1.

A) agenda

B) innovation

C) commission

D) leadership

2.

A) tidal kites

B) marine zones

C) anchored systems

D) turbines

3.

A) fold

B) harness

C) generate

D) capture

4.

A) divisions

B) blades

C) zones

D) turbines

5.

A) anchored

B) submerged

C) fixed

D) visible

6.

A) anchored

B) floating

C) suspended

D) detached

7.

A) transform

B) utilize

C) capture

D) conduct

8.

A) mechanisms

B) structures

C) systems

D) blades

9.

A) current

B) wave

C) tide

D) flow

10.

A) predictable

B) erratic

C) consistent

D) variable

11.

A) consistency

B) predictability

C) variability

D) stability

12.

A) produce

B) generate

C) create

D) initiate

13.

A) common

B) traditional

C) outdated

D) innovative

14.

A) harmful

B) inefficient

C) eco-friendly

D) costly

15.

A) limited

B) widespread

C) minor

D) negligible

**Vocabulary-MultipleChoices-1**

**1.They usually \_\_\_\_\_\_\_\_ the effects of market changes on their operations, ensuring strategic alignment.**

A) capture

B) are capturing

C) captures

D) capturing

**2. Even as we speak, our team \_\_\_\_\_\_\_\_ to generate new ideas for the upcoming product launch.**

A) innovates

B) is innovating

C) innovate

D) innovating

**3. The organization \_\_\_\_\_\_\_\_ its commitment to sustainability by regularly introducing eco-friendly policies.**

A) demonstrating

B) is demonstrating

C) demonstrate

D) demonstrates

**4. Every quarter, the finance division \_\_\_\_\_\_\_\_ a detailed report on the company's economic status.**

A) generates

B) is generating

C) generate

D) generating

**5. The CEO \_\_\_\_\_\_\_\_ to several trade magazines monthly to stay informed about industry trends.**

A) is subscribing

B) subscribes

C) subscribe

D) subscribing

**6. Typically, this factory \_\_\_\_\_\_\_\_ around 1,000 units per day, but currently, it is undergoing maintenance.**

A) produce

B) is producing

C) produces

D) producing

**7. Our research team \_\_\_\_\_\_\_\_ on a solution to reduce energy consumption in our manufacturing processes.**

A) works

B) is working

C) work

D) working

**8. She \_\_\_\_\_\_\_\_ the same route to work every day, but today she is taking a different path due to road construction.**

A) follows

B) is following

C) follow

D) following

**9. The marketing team \_\_\_\_\_\_\_\_ new strategies every year to ensure the brand remains competitive.**

A) develop

B) is developing

C) develops

D) developing

**10. This author usually \_\_\_\_\_\_\_\_ novels that delve into the complexities of human emotions and relationships.**

A) writing

B) is writing

C) write

D) writes

**11. Generally, the river \_\_\_\_\_\_\_\_ its banks during the spring.**

A) is flooding

B) floods

C) flood

D) flooding

**12. Right now, they \_\_\_\_\_\_\_\_ the last touches on the decoration of the new office.**

A) put

B) puts

C) are putting

D) putting

**13. This restaurant \_\_\_\_\_\_\_\_ a wide variety of dishes that reflect the local cuisine.**

A) offers

B) is offering

C) offer

D) offering

**14. The museum \_\_\_\_\_\_\_\_ free admission every first Sunday of the month.**

A) providing

B) is providing

C) provide

D) provides

**15. The sun \_\_\_\_\_\_\_\_ at 6:30 am this time of year.**

A) is rising

B) rises

C) rise

D) rising

**Grammar-MultipleChoices-1**

**1. Every morning, he \_\_\_\_ a cup of coffee before he \_\_\_\_ to work, but today he is skipping his coffee because he's running late.**

A) drinks / is driving

B) is drinking / drives

C) drinks / drives

D) is drinking / is driving

**2. While she usually \_\_\_\_ on budget reports on Fridays, she \_\_\_\_ on a new marketing strategy right now due to the upcoming product launch.**

A) works / is working

B) is working / works

C) works / works

D) is working / is working

**3. The library \_\_\_\_ until 8 PM on weekdays, but it \_\_\_\_ early today for a special event.**

A) closes / is closing

B) is closing / closes

C) closes / closes

D) is closing / is closing

**4. Normally, the meeting \_\_\_\_ at 9 AM sharp, but this morning it \_\_\_\_ delayed because the CEO is stuck in traffic.**

A) starts / starts

B) is starting / is

C) starts / is

D) is starting / starts

**5. He \_\_\_\_ tennis every Saturday morning, however, right now he \_\_\_\_ in a chess tournament.**

A) plays / is participating

B) is playing / participates

C) plays / participates

D) is playing / is participating

**6. She \_\_\_\_ emails during her commute, but today she \_\_\_\_ to the latest news podcast as she heads to the office.**

A) is checking / is listening

B) is checking / listens

C) checks / listens

D) checks / is listening

**7. He usually \_\_\_\_ a light breakfast, but today he \_\_\_\_ a full English breakfast to prepare for the long day ahead.**

A) is eating / eats

B) eats / is eating

C) eat / eating

D) eating / eat

**8. The garden \_\_\_\_ beautiful in the spring; right now, it \_\_\_\_ even more spectacular with all the flowers in bloom.**

A) looks / is looking

B) is looking / looks

C) looks / looks

D) looking / look

**9. They \_\_\_\_ out for dinner every Friday night, but tonight they \_\_\_\_ at home because they have guests.**

A) go / are staying

B) are going / stay

C) goes / staying

D) going / are staying

**10. She \_\_\_\_ in an international company, which usually \_\_\_\_ her to travel to different countries.**

A) is working / is requiring

B) work / require

C) works / requires

D) working / required

**11. John usually \_\_\_\_ a suit to work, today he \_\_\_\_ casual clothes for the company picnic.**

A) wears / is wearing

B) is wearing / wears

C) wear / wearing

D) wearing / wear

**12. Every day, she \_\_\_\_\_\_\_\_\_\_\_\_ her emails first thing in the morning, but right now she \_\_\_\_\_\_\_\_\_\_\_\_ to a client on the phone.**

A) check / talking

B) is checking / talks

C) checks / is talking

D) checking / talk

**13. I often \_\_\_\_\_\_\_\_\_\_\_\_ to the gym after work, but I \_\_\_\_\_\_\_\_\_\_\_\_ at home today because I am not feeling well.**

A) am going / stay

B) go / am staying

C) goes / staying

D) going / am staying

**14. The library \_\_\_\_\_\_\_\_\_\_\_\_ new books every week, but this week they \_\_\_\_\_\_\_\_\_\_\_\_ an author's event instead.**

A) receiving / are hosting

B) is receiving / hosts

C) receive / is hosting

D) receives / are hosting

**15. She usually \_\_\_\_\_\_\_\_\_\_\_\_ her grandmother once a month, but today she \_\_\_\_\_\_\_\_\_\_\_\_ twice because it’s her grandmother's birthday.**

A) visit / visits

B) is visiting / visit

C) visits / is visiting

D) visiting / is visiting

**16. Every year, he \_\_\_\_\_\_\_\_\_\_\_\_ in the marathon; however, right now he \_\_\_\_\_\_\_\_\_\_\_\_ from an injury.**

A) takes part / is recovering

B) is taking part / recover

C) take part / recovers

D) taking part / is recover

**17. The company generally \_\_\_\_\_\_\_\_\_\_\_\_ its employees very well, but currently, it \_\_\_\_\_\_\_\_\_\_\_\_ to increase efficiency.**

A) is treating / restructure

B) treats / is restructuring

C) treat / restructures

D) treating / is restructure

**18. She usually \_\_\_\_\_\_\_\_\_\_\_\_ dinner at this time, tonight she \_\_\_\_\_\_\_\_\_\_\_\_ to eat with friends.**

A) cooks / is going out

B) is cooking / goes out

C) cook / going out

D) cooking / is going out

**19. Our manager \_\_\_\_\_\_\_\_\_\_\_\_ meetings every Monday morning; today, however, he \_\_\_\_\_\_\_\_\_\_\_\_ a workshop.**

A) hold / attending

B) is holding / attends

C) holds / is attending

D) holding / is attending

**20. On weekdays, Sarah \_\_\_\_\_\_\_\_\_\_\_\_ up early to go jogging because she believes it \_\_\_\_\_\_\_\_\_\_\_\_ her stay healthy and energized. However, right now she \_\_\_\_\_\_\_\_\_\_\_\_ stretching exercises indoors because it's raining outside.**

A) getting / is helping / is doing

B) is getting / helping / does

C) get / help / do

D) gets / helps / is doing

**21. The IT department typically \_\_\_\_\_\_\_\_\_\_\_\_ maintenance checks on the servers every month to ensure everything \_\_\_\_\_\_\_\_\_\_\_\_ smoothly. Currently, they \_\_\_\_\_\_\_\_\_\_\_\_ an upgrade to improve system performance.**

A) performing / running / are performing

B) perform / run / is performing

C) is performing / is running / perform

D) performs / runs / are performing

**Grammar-ClozeTest-1**

Urban green spaces play a crucial role in enhancing city life. These areas (1) \_\_\_\_\_\_\_\_\_\_ not only a refuge for residents seeking tranquility but also (2) \_\_\_\_\_\_\_\_\_\_ to biodiversity in urban settings. Recently, city planners (3) \_\_\_\_\_\_\_\_\_\_ on the importance of increasing these spaces due to rising environmental concerns. The project manager reports that, as of this year, they \_\_\_\_ (4) \_\_\_\_ over ten new parks across the city. These parks (5) \_\_\_\_\_\_\_\_\_\_ communities by providing both recreational facilities and natural beauty. Currently, the teams \_\_\_\_ (6) \_\_\_\_ planting thousands of trees, which (7) \_\_\_\_\_\_\_\_\_\_ improve air quality significantly. Furthermore, local schools (8) \_\_\_\_\_\_\_\_\_\_ educational programs that (9) \_\_\_\_\_\_\_\_\_\_ children about the importance of conservation. These programs (10) \_\_\_\_\_\_\_\_\_\_ held weekly and (11) \_\_\_\_\_\_\_\_\_\_ very popular among students. Right now, a class (12) \_\_\_\_\_\_\_\_\_\_ on a field trip to the largest park, where they (13) \_\_\_\_\_\_\_\_\_\_ in a guided tour. City residents (14) \_\_\_\_\_\_\_\_\_\_ the benefits of these urban green spaces for years. Many (15) \_\_\_\_\_\_\_\_\_\_ their appreciation through community feedback sessions, highlighting the positive impact on their quality of life.

1.

A) provides

B) provide

C) is providing

D) are providing

2.

A) contribute

B) contributes

C) is contributing

D) have contributed

3.

A) focus

B) focuses

C) have focused

D) are focusing

4.

A) have opened

B) opens

C) opened

D) are opening

5.

A) are benefiting

B) benefits

C) is benefiting

D) benefit

6.

A) is planting

B) have planted

C) are planting

D) plant

7.

A) will

B) have

C) was

D) are

8.

A) launch

B) launches

C) have launched

D) are launching

9.

A) are teaching

B) teaches

C) has taught

D) teach

10.

A) have

B) are

C) is

D) be

11.

A) becomes

B) has become

C) become

D) are becoming

12.

A) go

B) goes

C) is going

D) are going

13.

A) has participated

B) are participating

C) participate

D) participates

14.

A) has enjoyed

B) are enjoying

C) enjoy

D) have enjoyed

15.

A) have expressed

B) express

C) are expressing

D) expressed

**OrdertheSentence**

1.

She/works/in/the accounting department.

2.

The local library/hosts/a book club meeting/once a month.

3.

He/listens to/different/music/genres./But/right now/he/is listening to/a new jazz album.

4.

Our company/focuses on/innovation/to stay ahead/in the market.

5.

This/Sunday,/it/is closing/early/for/a private event.

6.

Today/they/are/running out of/ everything/except/cookies.

7.

Although/she/usually/cooks/vegetarian/dishes,/she/ is trying/ a new chicken recipe.

8.

Every morning,/he/wakes up/early/to/meditate.

9.

Our teacher/gives/clear instructions/at the beginning/of/each/lesson.