

Unit 9 · High-Tech Solutions · 9A The Power of Virtual Reality

Word Study Guide · 20 Words

단어 · 품사 · 우리말 뜻 · 영영 뜻 · 외운 단어는 □에 체크하세요

Word	품사	뜻	English Definition	✓
1 actual	adj.	실제의, 사실상의	Existing in fact; real.	☐
2 alter	v.	바꾸다, 변경하다	To change or cause to change in character or composition.	☐
3 conference	n.	회의, 회담	A formal meeting for discussion or exchange of views.	☐
4 conversely	adv.	정반대로, 역으로	In an opposite way; introducing a statement that reverses a previous one.	☐
5 demonstrate	v.	보여주다, 입증하다	To show clearly by giving proof or evidence.	☐
6 downside	n.	불리한 점, 단점	The negative or disadvantageous aspect of something.	☐
7 get to	phr.	~하게 되다, ~할 기회를 얻다	To have the opportunity or privilege to do something.	☐
8 go over	phr.	~을 복습하다, 점검하다	To examine or review something carefully.	☐
9 passive	adj.	수동적인, 소극적인	Accepting or allowing what happens without active response or resistance.	☐
10 treat	v.	대하다, 취급하다	To behave toward or deal with someone or something in a specified way.	☐
11 embodied	adj.	구체화된, 구현된	Represented or expressed in a tangible or physical form.	☐
12 perception	n.	인식, 지각	The ability to see, hear, or become aware of something through the senses.	☐
13 avatar	n.	아바타, 분신	An icon or figure representing a particular person in virtual reality or video games.	☐
14 degrade	v.	저하시키다, 분해하다	To break down or deteriorate chemically, physically, or in quality.	☐
15 ecosystem	n.	생태계	A biological community of interacting organisms and their physical environment.	☐
16 immersive	adj.	몰입감을 주는	Providing a digital or virtual environment that deeply engages the user.	☐
17 simulation	n.	시뮬레이션, 모의 실험	The imitation of the operation of a real-world process or system over time.	☐
18 accuracy	n.	정확성, 정확도	The quality or state of being correct or precise.	☐
19 posture	n.	자세	The position in which someone holds their body when standing or sitting.	☐
20 awareness	n.	의식, 인식	Knowledge or perception of a situation or fact.	☐

Unit 9 · High-Tech Solutions · 9A The Power of Virtual Reality

Vocabulary Test 1

총 19문항 · A 뜻 연결 · B 문장 완성 · C 동의어/반의어 · D 단어 쓰기

이름

날짜

점수

/ 19

A Definition Matching · 영영 뜻 연결

왼쪽 단어에 알맞은 영어 뜻을 오른쪽에서 골라 괄호 안에 기호를 쓰시오.

- | | | |
|---------------|----------------------|---|
| 1 downside | <input type="text"/> | A To show clearly or prove by giving examples |
| 2 alter | <input type="text"/> | B To examine, review, or practice something carefully |
| 3 demonstrate | <input type="text"/> | C Accepting what happens without active participation |
| 4 passive | <input type="text"/> | D The negative or disadvantageous aspect of something |
| 5 go over | <input type="text"/> | E To change or cause to change in character or form |

B Contextual Sentence Completion · 문장 완성

보기에서 알맞은 단어를 골라 빈칸을 완성하십시오. (필요하면 형태를 바꾸시오.)

Word Bank

actual

alter

conversely

get to

treat

- Studies show that the human brain tends to _____ a VR event similarly to a real event.
- In traditional media, viewers are passive, but in VR, users _____ experience the simulation.
- If you look at the camera, you do not see the person; _____, looking at the screen breaks eye contact.
- Slight changes in eye contact and body posture can _____ how conversations flow.
- Through VR technology, students _____ explore distant ocean ecosystems without traveling.

C Synonym Identification · 동의어 · 반의어

대문자로 쓰인 단어와 뜻이 가장 가까운 것을 고르시오.

- Athletes use VR headsets to GO OVER their planned plays before big games.
(A) create (B) ignore (C) forget (D) review
- One DOWNSIDE of using video conferencing is the lack of natural eye contact.
(A) advantage (B) feature (C) drawback (D) benefit

- 3 Jeremy Bailenson DEMONSTRATED how VR improves quarterback decision-making speed.
(A) concealed (B) proved (C) delayed (D) questioned
- 4 VR is completely IMMERSIVE because it engages the user's entire body.
(A) engaging (B) boring (C) temporary (D) limited

D Active Vocabulary Writing · 단어 쓰기

설명에 알맞은 단어를 쓰시오.

- 1 A 3-D digital figure representing a person in a virtual environment.
Answer _____
- 2 To break down, deteriorate, or worsen in quality or chemical state.
Answer _____
- 3 Accepting what happens without taking an active or energetic role.
Answer _____
- 4 Existing in fact or reality rather than virtually or theoretically.
Answer _____
- 5 The ability to see, hear, or perceive information through the senses.
Answer _____

Unit 9 · High-Tech Solutions · 9A The Power of Virtual Reality

Vocabulary Test 2

총 19문항 · A 뜻 연결 · B 문장 완성 · C 동의어/반의어 · D 단어 쓰기

이름

날짜

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/ 19

A English Definition Matching · 영영 뜻 연결

왼쪽 단어에 알맞은 영어 뜻을 오른쪽에서 골라 괄호 안에 기호를 쓰시오.

- | | | |
|-------------|----------------------|--|
| 1 avatar | <input type="text"/> | A The position in which a person holds their body |
| 2 degrade | <input type="text"/> | B A 3-D digital image representing a participant in VR |
| 3 posture | <input type="text"/> | C Knowledge or perception of an issue or fact |
| 4 accuracy | <input type="text"/> | D To break down, deteriorate, or ruin in quality |
| 5 awareness | <input type="text"/> | E The quality or state of being correct and precise |

B Contextual Sentence Completion · 문장 완성

보기에서 알맞은 단어를 골라 빈칸을 완성하십시오. (필요하면 형태를 바꾸시오.)

Word Bank

accuracy

degrade

immersive

awareness

conference

- Carbon dioxide emissions continue to _____ ocean ecosystems and harm marine life.
- Using VR avatars during an online _____ helps maintain natural eye contact.
- VR is a unique medium because it provides a completely _____ physical experience.
- Quarterbacks improved their decision-making _____ after practicing in virtual simulations.
- The seven-minute Ischia project was designed to raise public _____ of climate change.

C Synonym & Antonym Selection · 동의어 · 반의어

지시에 맞는 단어를 고르시오.

- Which word is CLOSEST in meaning to ALTER in [Paragraph G]?
(A) maintain (B) preserve (C) change (D) destroy
- Which word is OPPOSITE in meaning to PASSIVE in [Paragraph B]?
(A) inactive (B) quiet (C) subtle (D) active
- Which word is CLOSEST in meaning to ACTUAL in [Paragraph C]?
(A) real (B) imaginary (C) fake (D) projected

- 4 Which word is OPPOSITE in meaning to DOWNSIDE in [Paragraph J]?
(A) obstacle (B) advantage (C) problem (D) limitation

D Active Vocabulary & Word Form Writing · 단어 쓰기

설명에 알맞은 단어를 쓰시오.

- 1 Write the adverb form of the adjective "actual":
Answer _____
- 2 Write the verb that means "to review or practice something step-by-step":
Answer _____
- 3 Write the noun form of the adjective "accurate":
Answer _____
- 4 Write the adjective that describes an environment that completely surrounds and deeply engages the user:
Answer _____
- 5 Write the verb that means "to cause something to break down or deteriorate chemically or biologically":
Answer _____

Unit 9 · High-Tech Solutions · 9A The Power of Virtual Reality

Practice Test Set 1

총 25문항 · 객관식 + 서술형 · Reading [The Power of Virtual Reality]

이름	
날짜	
점수	/ 25

다음 물음에 답하십시오.

객관식은 알맞은 답을 고르고, 서술형은 영어로 답을 쓰시오.

- 1 What is the main topic of Reading [The Power of Virtual Reality]?
 - (A) The financial profits of manufacturing VR headsets for video games
 - (B) The superiority of traditional video conferencing over digital avatars
 - (C) Predictions for when real-world human interactions will be completely replaced by VR
 - (D) How virtual reality is serving as an active tool across sports, meetings, and science
- 2 According to Jeremy Bailenson in [Paragraph B], what is "embodied cognition"?
 - (A) Learning by passively reading textbooks and watching recorded lectures
 - (B) Remembering facts through repetitive memorization exercises
 - (C) Learning by actively doing, experiencing, and performing an action
 - (D) Communicating with others without using eye contact or gestures
- 3 How does the human brain generally treat a VR event according to [Paragraph C]?
 - (A) As an imaginary dream that is immediately forgotten
 - (B) In a similar way to an actual real-world event
 - (C) As a dangerous threat that causes physical illness
 - (D) Exactly like reading a static newspaper article
- 4 How did VR help NFL quarterback Carson Palmer during the 2014 season ([Paragraph D])?
 - (A) It improved his decision-making accuracy and reduced his reaction times by reviewing plays.
 - (B) It allowed him to play official matches from his living room.
 - (C) It helped him design new sports equipment for his teammates.
 - (D) It replaced his physical workout sessions completely.
- 5 Which international sports team is mentioned in [Paragraph E] as using VR in practice?
 - (A) The French national rugby team
 - (B) The US Olympic basketball team
 - (C) The German national soccer team
 - (D) The Japanese national baseball team

- 6 What problem with traditional video conferencing is explained in [Paragraph F]?
(A) Laptop screens are too small to show more than one person.
(B) Looking at the person's image on screen prevents you from looking at the camera, breaking eye contact.
(C) Microphones cannot transmit audio cleanly during intense meetings.
(D) Video calls require users to wear heavy headgear.
- 7 How do VR avatars improve online business meetings according to [Paragraph G]?
(A) They automatically record and translate spoken languages.
(B) They eliminate the need for an internet connection.
(C) They replace human participants with automated artificial intelligence.
(D) They allow users to control body position, space, and eye contact to help conversations flow.
- 8 What environmental destruction is occurring at the Ischia marine site ([Paragraph H])?
(A) Carbon dioxide is destroying coral and degrading the food web.
(B) Plastic trash is blocking ship transit routes.
(C) Overfishing has eliminated all species of sea turtles.
(D) Oil spills have turned the surrounding water black.
- 9 What does the seven-minute Ischia VR journey demonstrate to users ([Paragraph I])?
(A) How the ocean looked 500 years ago during ancient times
(B) How to catch deep-sea fish using virtual equipment
(C) How to build artificial coral reefs using plastic
(D) How all the oceans will look in about 50 years based on CO2 damage
- 10 What rule does Bailenson suggest for using VR in [Paragraph J]?
(A) VR should be used for things we cannot do in the real world, not for things we wouldn't do in reality.
(B) VR should only be used for playing violent combat video games.
(C) VR should replace all real-world schools and universities.
(D) VR should never be used by professional athletes.
- 11 What is Bailenson's conclusion about VR's impact on human nature in [Paragraph K]?
(A) VR will fundamentally alter human genetics within a generation.
(B) VR will cause people to stop interacting with each other in person.
(C) VR is a big step in media history, but it will not change who we fundamentally are as humans.
(D) VR is identical to reading a traditional printed book.
- 12 Which statement best rewrites the following sentence from [Paragraph B]?
"Similarly, Virtual Reality is active, not passive."
(A) VR requires users to sit quietly without making any movements.
(B) VR involves direct user action and participation rather than mere observation.
(C) VR media is less engaging than watching traditional television.
(D) VR encourages users to absorb information without experiencing it.

13 Based on [Paragraph A], what lab at Stanford University does Jeremy Bailenson direct?

Answer _____

14 According to [Paragraph D], how long did Carson Palmer use his VR system each day after waking up?

Answer _____

15 According to [Paragraph H], where is the marine research site Ischia located?

Answer _____

16 Based on page 142 Short Answer B1, according to Bailenson, how do people learn best?

- (A) By reading books
- (B) By watching passive videos
- (C) By having an experience (by doing)
- (D) By listening to lectures

17 Based on page 143 Skill Box, which advantage of using VR applies to quarterbacks like Carson Palmer?

- (A) Visualizing environmental impact over time
- (B) Seeing places they cannot visit
- (C) Avoiding dangerous marine life
- (D) Reacting to situations more quickly

18 State TWO physical subtle factors mentioned in [Paragraph G] that alter the way conversations flow.

Answer _____

19 "The difference between watching a video and wearing a headset is what psychologists call embodied _____."

- (A) cognition
- (B) accuracy
- (C) downside
- (D) simulation

20 "VR allows scientists to raise _____ of environmental degradation."

- (A) posture
- (B) awareness
- (C) avatar
- (D) conference

21 "Carbon dioxide is destroying coral and _____ the food web in Ischia."

- (A) demonstrating
- (B) degrading
- (C) treating
- (D) altering

22 "Which word means 'the negative or disadvantageous aspect of something'?"

- (A) downside
- (B) accuracy
- (C) simulation
- (D) perception

23 Complete the sentence using the correct noun form of the verb [PERCEIVE].

"VR has a unique impact on human _____ because it is completely immersive."

Answer _____

24 Complete the sentence using the correct vocabulary word (**actual**, **passive**, or **conversely**).

"Instead of taking a _____ role, VR users actively participate in simulated events."

Answer _____

25 Complete the sentence using the correct vocabulary word (**alter**, **demonstrate**, or **treat**).

"Small changes in body position can _____ how naturally an online conversation flows."

Answer _____

Unit 9 · High-Tech Solutions · 9A The Power of Virtual Reality

Practice Test Set 2

총 25문항 · 객관식 + 서술형 · Reading [The Power of Virtual Reality]

이름	
날짜	
점수	/ 25

다음 물음에 답하십시오.

객관식은 알맞은 답을 고르고, 서술형은 영어로 답을 쓰시오.

- 1 What distinction does Bailenson make between traditional video games and VR in [Paragraph C]?
 - (A) Performing an action inside VR is treated by the brain similarly to an actual real-life event.
 - (B) Traditional games require headsets, while VR uses television screens.
 - (C) Video games are used by scientists, while VR is used only for entertainment.
 - (D) Traditional video games improve reaction times faster than VR.
- 2 Who was one of the earliest NFL adopters of VR technology mentioned in [Paragraph D]?
 - (A) Jeremy Bailenson
 - (B) Carson Palmer
 - (C) Diego Ruiz
 - (D) Colby Loucks
- 3 What specific benefit did Carson Palmer gain from practicing with VR in his living room ([Paragraph D])?
 - (A) He eliminated the need to attend team practice sessions.
 - (B) He recorded video footage to sell to other football teams.
 - (C) He learned how to manufacture VR hardware at home.
 - (D) He got extra practice going over his planned plays without physical strain.
- 4 According to [Paragraph F], why is video conferencing inadequate for intense decision-making meetings?
 - (A) Participants cannot share digital documents.
 - (B) It suffers from an eye contact problem caused by camera placement.
 - (C) Video calls automatically disconnect after seven minutes.
 - (D) It is impossible to see other participants' faces on a laptop.
- 5 How do 3-D avatars solve the eye contact problem in VR business meetings ([Paragraph G])?
 - (A) They allow participants to control eye contact and body position in a shared virtual room.
 - (B) They turn off all video screens to focus on audio.
 - (C) They display text subtitles below each speaker's face.
 - (D) They replace human voices with automated speech.

- 6** Why can't scientist Jeremy Bailenson bring the entire world to the island of Ischia ([Paragraph H])?
- (A) Ischia is a private military island closed to the public.
 - (B) The island has no internet or electricity infrastructure.
 - (C) Italian authorities banned international visitors from entering the ocean.
 - (D) It is physically impossible to bring millions of people to a single marine site.
- 7** How does the Ischia VR model help raise environmental awareness ([Paragraph I])?
- (A) It forces users to donate money to ocean cleanup funds.
 - (B) It teaches people how to catch endangered fish species.
 - (C) It lets people become virtual scientists and explore CO2 effects on marine species firsthand.
 - (D) It projects live satellite television footage of Italian beaches.
- 8** In [Paragraph J], what positive examples does Bailenson give for appropriate VR usage?
- (A) Going to the moon or experiencing life as someone else
 - (B) Playing ultra-violent combat simulation games
 - (C) Replacing all face-to-face family conversations
 - (D) Driving cars at dangerous speeds in residential areas
- 9** Why does VR have a different impact on how we perceive information compared to other media ([Paragraph K])?
- (A) Because VR uses standard two-dimensional paper print.
 - (B) Because VR technology has existed for hundreds of thousands of years.
 - (C) Because users engage their whole body in a completely immersive experience.
 - (D) Because VR headsets operate without computer software.
- 10** According to page 142 Margin Fact, how many VR headsets were projected to be sold in 2022?
- (A) Over 10 million
 - (B) Over 50 million
 - (C) Over 120 million
 - (D) Over 500 million
- 11** Which statement best summarizes Bailenson's final thought in [Paragraph K]?
- (A) VR will completely change basic human psychology in the near future.
 - (B) VR is a major jump in media history, but humans will remain fundamentally the same.
 - (C) Traditional media like television and newspapers will vanish completely.
 - (D) Human interactions in the real world will no longer be necessary.
- 12** What does the word "adopters" mean as used in [Paragraph D]?
- (A) Inventors who build new machinery
 - (B) Professional coaches who train young athletes
 - (C) Doctors who treat psychological trauma
 - (D) Early users who start using a new technology or system

13 According to [Paragraph A], since which decade have people talked about the possibilities of virtual reality?

Answer _____

14 According to [Paragraph I], how long is the VR journey created to show the future state of oceans?

Answer _____

15 According to [Paragraph H], what greenhouse gas is destroying coral at the Ischia marine site?

Answer _____

16 Based on page 144 Vocab Box, what treatment uses VR headsets to help patients overcome psychological trauma?

(A) Embodied Cognition Training

(B) Ischia Marine Simulation

(C) Virtual Reality Therapy (VRT)

(D) Avatar Conference System

17 Based on page 144 Exercise C, which compound word means "the negative aspect of something"?

(A) Downpour

(B) Downside

(C) Downturn

(D) Downsize

18 State TWO sports mentioned in [Paragraph D] and [Paragraph E] that utilize VR headsets for practice.

Answer _____

19 "The main difference between watching a video and wearing a headset is embodied _____."

(A) cognition

(B) posture

(C) avatar

(D) downside

20 "Using VR avatars allows participants to maintain natural eye _____ during virtual meetings."

(A) accuracy

(B) downside

(C) simulation

(D) contact

21 Which word means "to change or cause to change in character or composition"?

- (A) treat
- (B) alter
- (C) go over
- (D) get to

22 Which word means "a formal meeting for discussion or exchange of views"?

- (A) simulation
- (B) downside
- (C) perception
- (D) conference

23 Complete the sentence using the correct noun form of the verb [DEMONSTRATE].

"The athletic study provided a clear _____ of how VR improves reaction speed."

Answer _____

24 Complete the sentence using the correct vocabulary word (**actual**, **conversely**, or **passive**).

"A video game player uses a screen; _____, a VR user enters a 3D environment."

Answer _____

25 Complete the sentence using the correct vocabulary word (**go over**, **treat**, or **degrade**).

"Quarterbacks use home VR systems to _____ their plays before entering the field."

Answer _____

Unit 9 · High-Tech Solutions · 9B High-Flying Helpers

Word Study Guide · 20 Words

단어 · 품사 · 우리말 뜻 · 영영 뜻 · 외운 단어는 □에 체크하세요

Word	품사	뜻	English Definition	✓
1 affordable	adj.	(가격이) 적당한, 감당할 수 있는	Inexpensive; reasonably priced so that people have enough money to buy it.	☐
2 aid	n. / v.	원조, 구호물자 / 돕다	Help, support, or assistance given to people in need, especially during disasters.	☐
3 ambitious	adj.	야심 찬, 대담한	Having or showing a strong desire and determination to succeed or complete a large goal.	☐
4 assess	v.	평가하다, 사정하다	To evaluate or estimate the nature, quality, ability, or extent of a situation.	☐
5 medical	adj.	의학의, 의료의	Relating to the science of medicine or to the treatment of illness and injury.	☐
6 military	n. / adj.	군대 / 군사의	Relating to or characteristic of soldiers or armed forces.	☐
7 package	n.	소포, 짐	An object or set of objects wrapped or packed in a box or paper for delivery.	☐
8 rapid	adj.	빠른, 신속한	Happening in a short time or moving at great speed.	☐
9 sufficient	adj.	충분한	Enough for a particular purpose; adequate in amount.	☐
10 survey	v. / n.	조사하다, 측량하다 / 조사	To examine and record the features of an area of land or a situation.	☐
11 humanitarian	adj.	인도주의적인	Concerned with or seeking to promote human welfare and reduce suffering.	☐
12 conservation	n.	(자연) 보호, 보존	The protection of plants, animals, and natural environment from damage or destruction.	☐
13 vaccine	n.	백신, 예방접종 약	A biological substance used to provide immunity against a specific dangerous disease.	☐
14 poacher	n.	밀렵꾼	A person who illegally hunts or catches wild animals on private or protected land.	☐
15 endangered	adj.	멸종 위기에 처한	(Of a species) seriously at risk of extinction.	☐
16 infrared	adj.	적외선의	Electromagnetic radiation that allows thermal detection and night vision.	☐
17 fraction	n.	아주 적은 부분, 분수	A small or tiny part or amount of something.	☐
18 footage	n.	영상, 장면	Film or video recording of a particular event or place.	☐
19 swarm	n.	무리, 떼	A large group or collection of flying objects, insects, or birds moving together.	☐
20 empower	v.	권한을 주다, 할 수 있게 하다	To give someone the authority, power, or confidence to do something.	☐

Unit 9 · High-Tech Solutions · 9B High-Flying Helpers

Vocabulary Test 1

총 19문항 · A 뜻 연결 · B 문장 완성 · C 동의어/반의어 · D 단어 쓰기

이름

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A Definition Matching · 영영 뜻 연결

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- | | | |
|----------------|--------------------------|--|
| 1 affordable | ☐ | A To evaluate or estimate the nature or extent of damage |
| 2 assess | ☐ | B Enough for a particular purpose; adequate in amount |
| 3 sufficient | ☐ | C Inexpensive; reasonably priced |
| 4 poacher | ☐ | D A person who illegally catches or kills wild animals |
| 5 conservation | ☐ | E The protection of plants, animals, and ecosystems |

B Contextual Sentence Completion · 문장 완성

보기에서 알맞은 단어를 골라 빈칸을 완성하십시오. (필요하면 형태를 바꾸시오.)

Word Bank

- 1 Drones were originally built for _____ use, but now they perform peaceful tasks.
- 2 After the cyclone hit Vanuatu, drones were sent to _____ storm damage.
- 3 In remote areas of Rwanda, drones provide _____ transit for life-saving supplies.
- 4 Disaster relief teams used aerial maps to transport emergency _____ to victims.
- 5 Drones are used to deliver blood and other essential _____ supplies to rural clinics.

C Synonym Identification · 동의어 · 반의어

대문자로 쓰인 단어와 뜻이 가장 가까운 것을 고르시오.

- 1 Drones equipped with infrared cameras cost around \$20,000, a FRACTION of other high-tech tools.
(A) large total (B) double amount (C) tiny part (D) summary
- 2 Biologist Serge Wich predicts that SWARMS of drones will soon fly over forests.
(A) large numbers (B) single units (C) small pairs (D) heavy clouds

- 3 With drone technology, researchers are EMPOWERED to carry out ambitious conservation projects.
(A) forced (B) enabled (C) forbidden (D) discouraged
- 4 Many remote clinics in Africa lack SUFFICIENT quantities of life-saving medicine.
(A) limited (B) expensive (C) rare (D) adequate

D Active Vocabulary Writing · 단어 쓰기

설명에 알맞은 단어를 쓰시오.

- 1 A biological medicine used to protect against dangerous diseases.

Answer _____

- 2 An object or set of goods wrapped in a box for delivery.

Answer _____

- 3 Concerned with promoting human welfare and saving lives.

Answer _____

- 4 Film or video recording showing a specific event.

Answer _____

- 5 Happening in a short time or moving with great speed.

Answer _____

Unit 9 · High-Tech Solutions · 9B High-Flying Helpers

Vocabulary Test 2

총 19문항 · A 뜻 연결 · B 문장 완성 · C 동의어/반의어 · D 단어 쓰기

이름

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/ 19

A English Definition Matching · 영영 뜻 연결

왼쪽 단어에 알맞은 영어 뜻을 오른쪽에서 골라 괄호 안에 기호를 쓰시오.

- | | | |
|----------------|--------------------------|--|
| 1 humanitarian | ☐ | A Thermal radiation technology allowing vision in total darkness |
| 2 endangered | ☐ | B Film or video recording showing a particular event |
| 3 infrared | ☐ | C Concerned with promoting human welfare and reducing suffering |
| 4 footage | ☐ | D A large group or crowd of flying objects moving together |
| 5 swarm | ☐ | E Seriously at risk of dying out completely or going extinct |

B Contextual Sentence Completion · 문장 완성

보기에서 알맞은 단어를 골라 빈칸을 완성하십시오. (필요하면 형태를 바꾸시오.)

Word Bank (ambitious) (affordable) (empower) (vaccines) (poachers)

- Illegal _____ kill thousands of endangered rhinos and elephants every year.
- Infrared drones are _____ for conservation groups because they cost a fraction of planes.
- The university launched an _____ project aiming to document the world's wildlife.
- Over two billion people worldwide lack access to essential supplies like blood and _____.
- High-tech drone tools _____ field scientists to complete projects never imagined before.

C Synonym & Antonym Selection · 동의어 · 반의어

지시에 맞는 단어를 고르시오.

- Which word is CLOSEST in meaning to RAPID in [Paragraph B]?
(A) slow (B) late (C) quiet (D) fast
- Which word is OPPOSITE in meaning to AFFORDABLE in [Paragraph D]?
(A) inexpensive (B) cheap (C) costly (D) practical
- Which word is CLOSEST in meaning to ASSESS in [Paragraph C]?
(A) ignore (B) evaluate (C) delay (D) construct

- 4 Which word is OPPOSITE in meaning to SUFFICIENT in [Paragraph A]?
(A) inadequate (B) adequate (C) enough (D) extra

D Active Vocabulary & Word Form Writing · 단어 쓰기

설명에 알맞은 단어를 쓰시오.

- 1 Write the noun form of the verb "assess":

Answer _____

- 2 Write the adverb form of the adjective "rapid":

Answer _____

- 3 Write the noun that refers to a person who illegally hunts or kills animals:

Answer _____

- 4 Write the adjective that describes a species at risk of dying out completely:

Answer _____

- 5 Write the verb that means "to give someone the authority or power to achieve something":

Answer _____

Unit 9 · High-Tech Solutions · 9B High-Flying Helpers

Practice Test Set 1

총 25문항 · 객관식 + 서술형 · Reading [High-Flying Helpers]

이름	
날짜	
점수	/ 25

다음 물음에 답하십시오.

객관식은 알맞은 답을 고르고, 서술형은 영어로 답을 쓰시오.

- 1 What is the main idea of Reading [High-Flying Helpers]?
 - (A) How military drones are manufactured and sold across Africa
 - (B) Why airplane deliveries are faster than drone transit systems
 - (C) How drones are performing humanitarian and wildlife conservation tasks around the world
 - (D) Predictions for when poachers will start using infrared cameras
- 2 What major medical challenge in remote areas is described in [Paragraph A]?
 - (A) Doctors refuse to work in rural African health clinics.
 - (B) Medical packages are regularly stolen by wild animals.
 - (C) Remote clinics have no electricity to store medical tools.
 - (D) Over two billion people lack access to essential supplies like blood and vaccines.
- 3 How does Zipline address the medical supply problem in Rwanda ([Paragraph B])?
 - (A) By using drones to deliver medicine packages in 30 minutes instead of hours
 - (B) By training local citizens to drive high-speed ambulances
 - (C) By building new hospitals in every rural village
 - (D) By manufacturing vaccines inside local clinics
- 4 What natural disaster occurred in Vanuatu in 2015 ([Paragraph C])?
 - (A) A severe drought that destroyed all water wells
 - (B) A powerful cyclone that destroyed thousands of buildings and displaced 75,000 people
 - (C) A massive volcanic eruption that covered the island in ash
 - (D) An earthquake that blocked all ocean harbors
- 5 How did drones assist emergency relief workers after the cyclone in Vanuatu ([Paragraph C])?
 - (A) They dropped food boxes directly onto trapped ships.
 - (B) They photographed damage to create detailed maps and identify hardest-hit areas.
 - (C) They evacuated thousands of injured residents to nearby islands.
 - (D) They repaired damaged roads automatically.
- 6 Why does the World Wildlife Fund (WWF) use drones in Africa and Asia ([Paragraph D])?
 - (A) To hunt wild animals for scientific experiments
 - (B) To drop food supplies for wild lion packs
 - (C) To spot illegal poachers who kill endangered animals like elephants and rhinos
 - (D) To guide tourist buses through national parks

- 7 Why are drones equipped with infrared cameras especially effective against poachers ([Paragraph D])?
- (A) They can easily identify people and animals in the dark at night when poachers are active.
 - (B) They make loud noises that scare poachers away.
 - (C) They shoot laser beams to disable poachers' weapons.
 - (D) They operate without needing any battery power.
- 8 What financial advantage of infrared drones is stated in [Paragraph D]?
- (A) They are given to conservation groups completely free of charge.
 - (B) They generate money by selling photographs to tourists.
 - (C) They cost less than buying a standard bicycle.
 - (D) They cost about \$20,000, which is a fraction of the cost of other high-tech tools.
- 9 What ambitious conservation project is being led by Liverpool John Moores University ([Paragraph E])?
- (A) Building artificial habitats for endangered rhinos in Europe
 - (B) Documenting the world's wildlife using drones and public footage
 - (C) Training wild animals to fly small remote-control planes
 - (D) Replacing all wild animal populations with robot clones
- 10 Why does biologist Serge Wich prefer drones over planes or helicopters for wildlife surveys ([Paragraph E])?
- (A) Drones fly faster than jet airplanes.
 - (B) Drones can carry human passengers across forests.
 - (C) Drones are cheaper, more practical, and less dangerous.
 - (D) Drones require no computer software to operate.
- 11 What ironic shift in drone technology is highlighted in [Paragraph F]?
- (A) Tools built for farming are now being used in wars.
 - (B) Drones are becoming more expensive than full-sized helicopters.
 - (C) Drones are replacing human scientists in laboratories.
 - (D) Tools originally created for military use are increasingly being used to save lives.
- 12 Which statement best rewrites the following sentence from [Paragraph B]?
- "Thanks to this rapid healthcare service, fewer women suffer during childbirth..."
- (A) Faster drone transit has improved medical outcomes and reduced complications during childbirth.
 - (B) Women in Rwanda prefer walking to distant hospitals rather than waiting for drones.
 - (C) Childbirth complications have increased due to drone noise near clinics.
 - (D) Zipline drones only deliver medicine to male patients.
- 13 Based on [Paragraph A], how many people worldwide lack access to essential life-saving medical supplies?

Answer _____

14 According to [Paragraph D], who is Colby Loucks?

Answer _____

15 According to [Paragraph E], what vision does Serge Wich have for future forest conservation?

Answer _____

16 Based on page 148 Short Answer B1, state TWO medical supplies mentioned in the text that over two billion people lack access to.

Answer _____

17 Based on page 149 Skill Box, which pronoun in [Paragraph D] refers to "poachers"?

- (A) us
- (B) they
- (C) them
- (D) it

18 State TWO endangered animal species specifically mentioned in [Paragraph D] that are targeted by poachers.

Answer _____

19 "Drones-originally created as tools of war-are now performing important _____ tasks."

- (A) humanitarian
- (B) military
- (C) financial
- (D) competitive

20 "Drones help emergency workers _____ storm damage quickly after natural disasters."

- (A) ruin
- (B) ignore
- (C) alter
- (D) assess

21 Which word means "a person who catches or kills wild animals illegally"?

- (A) resident
- (B) poacher
- (C) citizen
- (D) supervisor

22 Which word means "film or video recording showing a particular event"?

- (A) vaccine
- (B) footage
- (C) package
- (D) fraction

23 Complete the sentence using the correct noun form of the verb [ASSESS].

"Surveys provided a detailed _____ of the damaged buildings and crops."

Answer _____

24 Complete the sentence using the correct vocabulary word (**rapid**, **sufficient**, or **endangered**).

"Many remote health clinics in Africa do not have _____ quantities of blood."

Answer _____

25 Complete the sentence using the correct vocabulary word (**empowered**, **surveyed**, or **ruined**).

"With drone assistance, researchers are _____ to carry out ambitious global projects."

Answer _____

Unit 9 · High-Tech Solutions · 9B High-Flying Helpers

Practice Test Set 2

총 25문항 · 객관식 + 서술형 · Reading [High-Flying Helpers]

이름	
날짜	
점수	/ 25

다음 물음에 답하십시오.

객관식은 알맞은 답을 고르고, 서술형은 영어로 답을 쓰시오.

- 1 What is the main purpose of Zipline's drone service in Rwanda ([Paragraph B])?
 - (A) To deliver online shopping packages to wealthy city residents
 - (B) To photograph wild animals for international travel magazines
 - (C) To spray agricultural pesticides over private farms
 - (D) To transport essential medical supplies quickly to remote health clinics
- 2 How long did it take for medicine packages to reach remote clinics BEFORE drones were used ([Paragraph B])?
 - (A) 10 minutes
 - (B) 30 minutes
 - (C) Hours
 - (D) Several weeks
- 3 What specific questions did drone surveys help answer after the Vanuatu cyclone ([Paragraph C])?
 - (A) Which areas were hardest hit, were crops damaged, and what roads were affected?
 - (B) How much money did tourists spend at local beaches?
 - (C) Which international airlines were flying over the island?
 - (D) Where were new hotel resorts being constructed?
- 4 Why are poachers especially active at night according to [Paragraph D]?
 - (A) Wild animals sleep at night, and dark skies help hide poachers from guards.
 - (B) Infrared cameras do not work during nighttime hours.
 - (C) Helicopters only fly during the middle of the night.
 - (D) Temperatures in the rain forest are too hot during daytime.
- 5 How do drones assist the World Wildlife Fund in stopping poachers ([Paragraph D])?
 - (A) They shoot nets to capture poachers automatically.
 - (B) They transport captured poachers directly to city courts.
 - (C) They construct high fences around national park borders.
 - (D) They show where poachers are hiding and if they are carrying weapons.
- 6 How much does a drone equipped with an infrared camera cost compared to other tools ([Paragraph D])?
 - (A) About \$500
 - (B) About \$20,000, a fraction of other high-tech tools
 - (C) Over \$1,000,000
 - (D) They are completely free

- 7 How will members of the public be able to contribute to John Moores University's project ([Paragraph E])?
- (A) By buying shares in the drone manufacturing company
 - (B) By building their own infrared cameras at home
 - (C) By uploading their own drone footage to be analyzed by special software
 - (D) By driving delivery trucks to rural health clinics
- 8 What software feature is used in the wildlife documentation project ([Paragraph E])?
- (A) Software that automatically translates foreign languages
 - (B) Special software that identifies animal species from uploaded drone footage
 - (C) Software that controls weather patterns over forests
 - (D) Software that predicts stock market changes
- 9 What quote by environmentalist Kike Calvo is featured in [Paragraph F]?
- (A) "Drones will completely replace human scientists in the next decade."
 - (B) "Military tools should never be used for civilian purposes."
 - (C) "Infrared cameras are too expensive for conservation groups."
 - (D) "There's nothing that can replace a good scientist," but drones empower them to carry out new projects.
- 10 According to page 146 caption, in which African nation are drones used to transport blood samples from villages to city hospitals?
- (A) South Africa
 - (B) Egypt
 - (C) Malawi
 - (D) Kenya
- 11 Which statement best rewrites the main idea of [Paragraph F]?
- (A) Military weapons are becoming more destructive due to drone software.
 - (B) Drones have transformed from tools of war into valuable instruments for saving human and animal lives.
 - (C) Scientists refuse to work with technology originally created for armed forces.
 - (D) Drones are less effective than traditional planes for wildlife research.
- 12 What does the word "swarms" mean as used in [Paragraph E]?
- (A) Large numbers or groups moving together
 - (B) Small isolated pairs of machines
 - (C) Broken mechanical parts
 - (D) Silent underwater vehicles
- 13 According to [Paragraph C], how many people lost their homes in Vanuatu after the 2015 cyclone?

Answer

- 14** According to [Paragraph E], at which university do scientists plan to use drones for documenting world wildlife?

Answer _____

- 15** According to [Paragraph F], what does environmentalist Kike Calvo say drones empower researchers to do?

Answer _____

- 16** Based on page 150 Vocab Box, what is an "ornithopter" drone currently being developed?

- (A) A heavy military plane that carries medical trucks
- (B) An underwater submarine that surveys coral reefs
- (C) A high-speed satellite that monitors space dust
- (D) A drone with flapping wings modeled after birds

- 17** Based on page 150 Exercise B, what does it mean if an action is "sufficient"?

- (A) It is extremely expensive.
- (B) It is enough for a particular purpose.
- (C) It is completely impossible to finish.
- (D) It is dangerous to human health.

- 18** State TWO things drones were able to show park guards regarding poachers in [Paragraph D].

Answer _____

- 19** "Zipline uses drones to transport essential medical supplies around _____."

- (A) Vanuatu
- (B) Malawi
- (C) Rwanda
- (D) Ischia

- 20** "Drones fitted with infrared cameras can easily identify people and animals in the _____."

- (A) dark
- (B) water
- (C) clouds
- (D) hospital

- 21** Which word means "the protection of plants, animals, and natural environments"?

- (A) conservation
- (B) regulation
- (C) simulation
- (D) footprint

- 22 Which word means "a biological substance used to provide immunity against a disease"?
- (A) turbine
 - (B) vaccine
 - (C) avatar
 - (D) conduit

- 23 Complete the sentence using the correct adverb form of the adjective [RAPID].

"Medical packages arrived _____ at remote health clinics, saving patients' lives."

Answer _____

- 24 Complete the sentence using the correct vocabulary word (**affordable**, **ambitious**, or **humanitarian**).

"Infrared drones are _____ for small conservation groups because of their low cost."

Answer _____

- 25 Complete the sentence using the correct vocabulary word (**survey**, **assess**, or **empower**).

"Emergency workers used drone photography to _____ the extent of storm damage."

Answer _____