

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

Vocabulary Test 1 · 2 · 정답

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

Vocabulary Test 1

A Definition Matching · 영영 뜻 연결

A-1

D

downside · 불리한 점, 단점

A-2

E

alter · 바꾸다, 변경하다

A-3

A

demonstrate · 보여주다, 입증하다

A-4

C

passive · 수동적인, 소극적인

A-5

B

go over · ~을 복습하다, 점검하다

B Contextual Sentence Completion · 문장 완성

B-1

treat

대하다, 취급하다

B-2

actual실제의, 사실상의
※ 문장에서는 부사형
actually 로 써야 자연스
러움 (users actually
experience)

B-3

conversely

정반대로, 역으로

B-4

alter

바꾸다, 변경하다

B-5

get to~하게 되다, ~할 기회를
얻다

C Synonym Identification · 동의어 · 반의어

C-1

(D) reviewgo over · ~을 복습하다, 점검하
다

C-2

(C) drawback

downside · 불리한 점, 단점

C-3

(B) proveddemonstrated · ←
demonstrate · 보여주다, 입증
하다

C-4

(A) engaging

immersive · 몰입감을 주는

D Active Vocabulary Writing · 단어 쓰기

D-1

avatar

아바타, 분신

D-2

degrade

저하시키다, 분해하다

D-3

passive

수동적인, 소극적인

D-4

actual

실제의, 사실상의

D-5

perception

인식, 지각

Vocabulary Test 2

A English Definition Matching · 영영 뜻 연결

A-1

B

avatar · 아바타, 분신

A-2

Ddegrade · 저하시키다,
분해하다

A-3

A

posture · 자세

A-4

Eaccuracy · 정확성, 정
확도

A-5

Cawareness · 의식, 인
식

B Contextual Sentence Completion · 문장 완성

B-1

degrade

저하시키다, 분해하다

B-2

conference

회의, 회담

B-3

immersive

몰입감을 주는

B-4

accuracy

정확성, 정확도

B-5

awareness

의식, 인식

C Synonym & Antonym Selection · 동의어 · 반의어

C-1

(C) change

alter · 바꾸다, 변경하다

C-2

(D) active

passive · 수동적인, 소극적인

C-3

(A) real

actual · 실제의, 사실상의

C-4

(B) advantage

downside · 불리한 점, 단점

D Active Vocabulary & Word Form Writing · 단어 쓰기

D-1

actually

← actual · 실제의, 사실상의

D-2

go over

~을 복습하다, 점검하다

D-3

accuracy

정확성, 정확도

D-4

immersive

몰입감을 주는

D-5

degrade

저하시키다, 분해하다

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

Practice Test Set 1 · 정답

총 25문항 · 서술형은 모범답안 (같은 의미면 정답 인정)

- 1 What is the main topic of Reading [The Power of Virtual Reality]?
(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"?
(C) Learning by actively doing, experiencing, and performing an action
- 3 How does the human brain generally treat a VR event according to [Paragraph C]?
(B) In a similar way to an actual real-world event
- 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.
- 5 Which international sports team is mentioned in [Paragraph E] as using VR in practice?
(C) The German national soccer team
- 6 What problem with traditional video conferencing is explained in [Paragraph F]?
(B) Looking at the person's image on screen prevents you from looking at the camera, breaking eye contact.
- 7 How do VR avatars improve online business meetings according to [Paragraph G]?
(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.
- 9 What does the seven-minute Ischia VR journey demonstrate to users ([Paragraph I])?
(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.
- 11 What is Bailenson's conclusion about VR's impact on human nature in [Paragraph K]?
(C) VR is a big step in media history, but it will not change who we fundamentally are as humans.
- 12 Which statement best rewrites the following sentence from [Paragraph B]?
(B) VR involves direct user action and participation rather than mere observation.
- 13 Based on [Paragraph A], what lab at Stanford University does Jeremy Bailenson direct?
서술형 Virtual Human Interactive Lab.

- 14 According to [Paragraph D], how long did Carson Palmer use his VR system each day after waking up?
서술형 A couple minutes (a day).
-
- 15 According to [Paragraph H], where is the marine research site Ischia located?
서술형 In Italy.
-
- 16 Based on page 142 Short Answer B1, according to Bailenson, how do people learn best?
(C) By having an experience (by doing)
-
- 17 Based on page 143 Skill Box, which advantage of using VR applies to quarterbacks like Carson Palmer?
(D) Reacting to situations more quickly
-
- 18 State TWO physical subtle factors mentioned in [Paragraph G] that alter the way conversations flow.
서술형 Eye contact, body space, or posture (Any 2).
-
- 19 "The difference between watching a video and wearing a headset is what psychologists call embodied _____. "
(A) cognition
-
- 20 "VR allows scientists to raise _____ of environmental degradation."
(B) awareness
-
- 21 "Carbon dioxide is destroying coral and _____ the food web in Ischia."
(B) degrading
-
- 22 "Which word means 'the negative or disadvantageous aspect of something'?"
(A) downside
-
- 23 "VR has a unique impact on human _____ because it is completely immersive."
서술형 perception
-
- 24 "Instead of taking a _____ role, VR users actively participate in simulated events."
서술형 passive
-
- 25 "Small changes in body position can _____ how naturally an online conversation flows."
서술형 alter
-

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

Practice Test Set 2 · 정답

총 25문항 · 서술형은 모범답안 (같은 의미면 정답 인정)

- 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.
- 2 Who was one of the earliest NFL adopters of VR technology mentioned in [Paragraph D]?
(B) Carson Palmer
- 3 What specific benefit did Carson Palmer gain from practicing with VR in his living room ([Paragraph D])?
(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?
(B) It suffers from an eye contact problem caused by camera placement.
- 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.
- 6 Why can't scientist Jeremy Bailenson bring the entire world to the island of Ischia ([Paragraph H])?
(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])?
(C) It lets people become virtual scientists and explore CO2 effects on marine species firsthand.
- 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
- 9 Why does VR have a different impact on how we perceive information compared to other media ([Paragraph K])?
(C) Because users engage their whole body in a completely immersive experience.
- 10 According to page 142 Margin Fact, how many VR headsets were projected to be sold in 2022?
(C) Over 120 million
- 11 Which statement best summarizes Bailenson's final thought in [Paragraph K]?
(B) VR is a major jump in media history, but humans will remain fundamentally the same.
- 12 What does the word "adopters" mean as used in [Paragraph D]?
(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?
서술형 The mid-1990s.

- 14 According to [Paragraph I], how long is the VR journey created to show the future state of oceans?
서술형 Seven minutes.
-
- 15 According to [Paragraph H], what greenhouse gas is destroying coral at the Ischia marine site?
서술형 Carbon dioxide (CO2).
-
- 16 Based on page 144 Vocab Box, what treatment uses VR headsets to help patients overcome psychological trauma?
(C) Virtual Reality Therapy (VRT)
-
- 17 Based on page 144 Exercise C, which compound word means "the negative aspect of something"?
(B) Downside
-
- 18 State TWO sports mentioned in [Paragraph D] and [Paragraph E] that utilize VR headsets for practice.
서술형 American football and soccer.
-
- 19 "The main difference between watching a video and wearing a headset is embodied _____."
(A) cognition
-
- 20 "Using VR avatars allows participants to maintain natural eye _____ during virtual meetings."
(D) contact
-
- 21 Which word means "to change or cause to change in character or composition"?
(B) alter
-
- 22 Which word means "a formal meeting for discussion or exchange of views"?
(D) conference
-
- 23 "The athletic study provided a clear _____ of how VR improves reaction speed."
서술형 demonstration
-
- 24 "A video game player uses a screen; _____, a VR user enters a 3D environment."
서술형 conversely
-
- 25 "Quarterbacks use home VR systems to _____ their plays before entering the field."
서술형 go over
-

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

Vocabulary Test 1 · 2 · 정답

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

Vocabulary Test 1**A** Definition Matching · 영영 뜻 연결

A-1

Caffordable · (가격이)
적당한, 감당할 수 있는

A-2

Aassess · 평가하다, 사정
하다

A-3

B

sufficient · 충분한

A-4

D

poacher · 밀렵꾼

A-5

Econservation · (자연)
보호, 보존**B** Contextual Sentence Completion · 문장 완성

B-1

military

군대 / 군사의

B-2

survey조사하다, 측량하다 / 조
사

B-3

rapid

빠른, 신속한

B-4

aid

원조, 구호물자 / 돕다

B-5

medical

의학의, 의료의

C Synonym Identification · 동의어 · 반의어

C-1

(C) tiny part

fraction · 아주 적은 부분, 분수

C-2

(A) large numbersswarms · ← swarm · 무리,
떼

C-3

(B) enabledempowered · ← empower ·
권한을 주다, 할 수 있게 하다

C-4

(D) adequate

sufficient · 충분한

D Active Vocabulary Writing · 단어 쓰기

D-1

vaccine

백신, 예방접종 약

D-2

package

소포, 짐

D-3

humanitarian

인도주의적인

D-4

footage

영상, 장면

D-5

rapid

빠른, 신속한

Vocabulary Test 2**A** English Definition Matching · 영영 뜻 연결

A-1

Chumanitarian · 인도
주의적인

A-2

Eendangered · 멸종 위
기에 처한

A-3

A

infrared · 적외선의

A-4

B

footage · 영상, 장면

A-5

D

swarm · 무리, 떼

B Contextual Sentence Completion · 문장 완성

B-1

poachers

← poacher · 밀렵꾼

B-2

affordable(가격이) 적당한, 감당할
수 있는

B-3

ambitious

야심 찬, 대담한

B-4

vaccines← vaccine · 백신, 예방
접종 약

B-5

empower권한을 주다, 할 수 있게
하다

C Synonym & Antonym Selection · 동의어 · 반의어

C-1

(D) fast

rapid · 빠른, 신속한

C-2

(C) costly

affordable · (가격이) 적당한,
감당할 수 있는

C-3

(B) evaluate

assess · 평가하다, 사정하다

C-4

(A) inadequate

sufficient · 충분한

D Active Vocabulary & Word Form Writing · 단어 쓰기

D-1

assessment

← assess · 평가하다,
사정하다

D-2

rapidly

← rapid · 빠른, 신속한

D-3

poacher

밀렵꾼

D-4

endangered

멸종 위기에 처한

D-5

empower

권한을 주다, 할 수 있게
하다

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

Practice Test Set 1 · 정답

총 25문항 · 서술형은 모범답안 (같은 의미면 정답 인정)

- 1 What is the main idea of Reading [High-Flying Helpers]?
(C) How drones are performing humanitarian and wildlife conservation tasks around the world
- 2 What major medical challenge in remote areas is described in [Paragraph A]?
(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
- 4 What natural disaster occurred in Vanuatu in 2015 ([Paragraph C])?
(B) A powerful cyclone that destroyed thousands of buildings and displaced 75,000 people
- 5 How did drones assist emergency relief workers after the cyclone in Vanuatu ([Paragraph C])?
(B) They photographed damage to create detailed maps and identify hardest-hit areas.
- 6 Why does the World Wildlife Fund (WWF) use drones in Africa and Asia ([Paragraph D])?
(C) To spot illegal poachers who kill endangered animals like elephants and rhinos
- 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.
- 8 What financial advantage of infrared drones is stated in [Paragraph D]?
(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])?
(B) Documenting the world's wildlife using drones and public footage
- 10 Why does biologist Serge Wich prefer drones over planes or helicopters for wildlife surveys ([Paragraph E])?
(C) Drones are cheaper, more practical, and less dangerous.
- 11 What ironic shift in drone technology is highlighted in [Paragraph F]?
(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]?
(A) Faster drone transit has improved medical outcomes and reduced complications during childbirth.

- 13 Based on [Paragraph A], how many people worldwide lack access to essential life-saving medical supplies?
서술형 More than two billion people.
-
- 14 According to [Paragraph D], who is Colby Loucks?
서술형 A World Wildlife Fund (WWF) employee.
-
- 15 According to [Paragraph E], what vision does Serge Wich have for future forest conservation?
서술형 Swarms of drones flying over forests.
-
- 16 Based on page 148 Short Answer B1, state TWO medical supplies mentioned in the text that over two billion people lack access to.
서술형 Blood and vaccines.
-
- 17 Based on page 149 Skill Box, which pronoun in [Paragraph D] refers to "poachers"?
(C) them
-
- 18 State TWO endangered animal species specifically mentioned in [Paragraph D] that are targeted by poachers.
서술형 Elephants and rhinos.
-
- 19 "Drones-originally created as tools of war-are now performing important _____ tasks."
(A) humanitarian
-
- 20 "Drones help emergency workers _____ storm damage quickly after natural disasters."
(D) assess
-
- 21 Which word means "a person who catches or kills wild animals illegally"?
(B) poacher
-
- 22 Which word means "film or video recording showing a particular event"?
(B) footage
-
- 23 "Surveys provided a detailed _____ of the damaged buildings and crops."
서술형 assessment
-
- 24 "Many remote health clinics in Africa do not have _____ quantities of blood."
서술형 sufficient
-
- 25 "With drone assistance, researchers are _____ to carry out ambitious global projects."
서술형 empowered
-

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

Practice Test Set 2 · 정답

총 25문항 · 서술형은 모범답안 (같은 의미면 정답 인정)

- 1 What is the main purpose of Zipline's drone service in Rwanda ([Paragraph B])?
(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])?
(C) Hours
- 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?
- 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.
- 5 How do drones assist the World Wildlife Fund in stopping poachers ([Paragraph D])?
(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])?
(B) About \$20,000, a fraction of other high-tech tools
- 7 How will members of the public be able to contribute to John Moores University's project ([Paragraph E])?
(C) By uploading their own drone footage to be analyzed by special software
- 8 What software feature is used in the wildlife documentation project ([Paragraph E])?
(B) Special software that identifies animal species from uploaded drone footage
- 9 What quote by environmentalist Kike Calvo is featured in [Paragraph F]?
(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?
(C) Malawi
- 11 Which statement best rewrites the main idea of [Paragraph F]?
(B) Drones have transformed from tools of war into valuable instruments for saving human and animal lives.
- 12 What does the word "swarms" mean as used in [Paragraph E]?
(A) Large numbers or groups moving together
- 13 According to [Paragraph C], how many people lost their homes in Vanuatu after the 2015 cyclone?
서술형 Around 75,000 people.

- 14 According to [Paragraph E], at which university do scientists plan to use drones for documenting world wildlife?
서술형 Liverpool John Moores University.
-
- 15 According to [Paragraph F], what does environmentalist Kike Calvo say drones empower researchers to do?
서술형 Carry out projects they've never imagined before.
-
- 16 Based on page 150 Vocab Box, what is an "ornithopter" drone currently being developed?
(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"?
(B) It is enough for a particular purpose.
-
- 18 State TWO things drones were able to show park guards regarding poachers in [Paragraph D].
서술형 Where poachers are hiding AND if they are carrying weapons.
-
- 19 "Zipline uses drones to transport essential medical supplies around _____. "
(C) Rwanda
-
- 20 "Drones fitted with infrared cameras can easily identify people and animals in the _____. "
(A) dark
-
- 21 Which word means "the protection of plants, animals, and natural environments"?
(A) conservation
-
- 22 Which word means "a biological substance used to provide immunity against a disease"?
(B) vaccine
-
- 23 "Medical packages arrived _____ at remote health clinics, saving patients' lives."
서술형 rapidly
-
- 24 "Infrared drones are _____ for small conservation groups because of their low cost."
서술형 affordable
-
- 25 "Emergency workers used drone photography to _____ the extent of storm damage."
서술형 assess
-