

Unit 1 Virtual Reality vs. Augmented Reality

Reading Skill

flight, medical

Vocabulary in Context

A

- 1 remotely
- 2 virtual
- 3 overlay
- 4 overlap
- 5 gear
- 6 augment
- 7 immersive
- 8 interact

B

- 1 c 2 d 3 a 4 a

C

- 1 mounted 2 application 3 firsthand

Reading Comprehension

- 1 b
- 2 They use computer graphics and visual displays.
- 3 c
- 4 It provides a more immersive experience and makes them feel as if they are interacting with the environment firsthand.
- 5 b
- 6 b
- 7 d

Summary

A

- ❶ manipulate virtual objects
- ❷ real-life or imaginary
- ❸ immersive experience
- ❹ flight training
- ❺ the real world
- ❻ medical fields

B

- ❶ manipulate
- ❷ simulates
- ❸ immersive
- ❹ head-mounted
- ❺ entertainment
- ❻ overlays
- ❼ introduced
- ❽ science

Unit 2 Eye Makeup in Ancient Civilizations

Reading Skill

protect, decorative

Vocabulary in Context

A

- 1 vessel
- 2 anthropologist
- 3 prominent
- 4 bestow
- 5 gaze at
- 6 hieroglyphic
- 7 afflict
- 8 curse

B

- 1 c 2 a 3 d 4 b

C

- 1 gaze 2 bestowed 3 prominent

Reading Comprehension

- 1 c
- 2 b
- 3 It was believed that it protected people from the evil eye.
- 4 b
- 5 d
- 6 They did this so the audience could see the actors' faces.
- 7 a

Summary

A

- ❶ against the evil eye
- ❷ Upper-class
- ❸ decorative purposes
- ❹ protected from
- ❺ wear masks
- ❻ more prominent

B

- ❶ evil eye
- ❷ enviously
- ❸ protect[shield]
- ❹ kohl
- ❺ power
- ❻ decorated
- ❼ poison
- ❽ features

Unit 3 The Continuing Problem of Slavery

Reading Skill

clamp down on

Vocabulary in Context

A

- 1 enslave
- 2 sanction
- 3 lax
- 4 bonded
- 5 trafficking
- 6 quarrying
- 7 clamp down on
- 8 grassroots

B

- 1 d 2 c 3 b 4 b

C

- 1 persists 2 assembled 3 vanished

Reading Comprehension

1 b

2 The country with the most slaves is India, which has 18 million slaves.

3 c

4 c

5 d

6 To influence political leaders and to enact changes worldwide

7 a

Summary

A

- ❶ Slavery Persists
- ❷ industrial regulations
- ❸ pay it back
- ❹ across generations
- ❺ human trafficking
- ❻ grassroots level

B

- ❶ outlawed
- ❷ Forced
- ❸ enforcement
- ❹ debt
- ❺ bonded
- ❻ clamping
- ❼ assembled
- ❽ influence

Unit 4 Urbanization and Its Results

Reading Skill

roads, demand

Vocabulary in Context

A

- 1 real estate
- 2 array
- 3 demographic
- 4 well-off
- 5 accommodate
- 6 influx

7 tenement

8 price someone out of the market

B

1 c 2 a 3 d 4 a

C

1 realistic 2 accompanied 3 boom

Reading Comprehension

1 b

2 c

3 It had massive housing construction to accommodate the new residents.

4 d

5 London built the world's first underground railway system.

6 d

7 a

Summary

A

- ❶ demographic transformation
- ❷ massive construction
- ❸ demand for transportation
- ❹ commercial center
- ❺ huge profits
- ❻ rising rents

B

- ❶ Urbanization
- ❷ goods
- ❸ higher
- ❹ influx
- ❺ housing
- ❻ railway
- ❼ middle
- ❽ working

Unit 5 Why Businesses Offer Free Samples

Reading Skill

away, boost

Vocabulary in Context

A

- 1 complimentary
- 2 top dollar
- 3 freebie
- 4 awareness
- 5 obliged
- 6 generosity
- 7 associate
- 8 reciprocate

B

1 b 2 b 3 d 4 a

C

1 complimentary 2 awareness 3 gave in

Reading Comprehension

1 b

2 b

3 c

4 Because customers will consider the products to be of the same quality as their main purchases

5 It happens when people talk to their friends about their experiences with products.

6 d

7 d

Summary

A

- ❶ feel obligated
- ❷ low quality
- ❸ indicate the value
- ❹ high-quality items
- ❺ Word-of-Mouth
- ❻ social media

B

- ❶ free
- ❷ boost
- ❸ compels
- ❹ obligated[obliged]
- ❺ away

- ⑥ pay
- ⑦ low
- ⑧ friends

Unit 6 The Chinese Terracotta Warriors

Reading Skill

the feet, torso

Vocabulary in Context

A

- 1 edifice
- 2 iris
- 3 fashion
- 4 pupil
- 5 adhesive
- 6 mausoleum
- 7 torso
- 8 stylize

B

- 1 d 2 b 3 b 4 a

C

- 1 generic 2 undergo 3 possess

Reading Comprehension

- 1 c
- 2 b
- 3 b
- 4 Because the area had an abundance of clay and loess needed to make them
- 5 a
- 6 The clay would become uneven.
- 7 c

Summary

A

- ① abundant clay
- ② the feet
- ③ generic face
- ④ bronze weapons
- ⑤ bake the clay

- ⑥ make it brittle

B

- ① tomb
- ② clay
- ③ stylized
- ④ weapons
- ⑤ Kilns
- ⑥ temperature
- ⑦ uneven
- ⑧ replicate

Unit 7 Terrorism, the New World War

Reading Skill

unnoticed

Vocabulary in Context

A

- 1 fragmented
- 2 instill
- 3 altruism
- 4 indiscriminate
- 5 detain
- 6 warrant
- 7 alienated
- 8 self-righteous

B

- 1 c 2 d 3 b 4 a

C

- 1 retain 2 claim 3 respectably

Reading Comprehension

- 1 b
- 2 To instill fear into the public to fulfill political, religious, or ideological goals
- 3 b
- 4 a
- 5 d
- 6 They have the ability to collect information and to detain terrorism suspects without warrants.

7 d

Summary

A

- ❶ indiscriminate violence
- ❷ create fear
- ❸ go unnoticed
- ❹ sense of altruism
- ❺ self-righteous sacrifice
- ❻ collect data

B

- ❶ Terrorism
- ❷ visible
- ❸ unnoticed
- ❹ recruit
- ❺ alienated
- ❻ effective
- ❼ power
- ❽ spy

Unit 8 What IQ and EQ Tests Actually

Determine

Reading Skill

broader, narrow

Vocabulary in Context

A

- 1 hypothetical
- 2 spawn
- 3 skew
- 4 invalid
- 5 prevalence
- 6 quotient
- 7 assume
- 8 methodology

B

- 1 b 2 a 3 d 4 a

C

- 1 spawned 2 invalid 3 Proponents

Reading Comprehension

1 b

2 Answering multiple choice questions and recreating patterns

3 c

4 a

5 Because people with high EQs are more likely to be successful

6 d

7 c

Summary

A

- ❶ recognize patterns
- ❷ narrow down the range
- ❸ hypothetical situations
- ❹ manage their emotions
- ❺ accepted standard
- ❻ in favor of

B

- ❶ intelligence
- ❷ academic
- ❸ quickly
- ❹ broad
- ❺ narrow
- ❻ emotions
- ❼ accepted
- ❽ biased

Unit 9 The Different Forms of Satire

Reading Skill

forms, power

Vocabulary in Context

A

- 1 folly
- 2 skit
- 3 wit
- 4 mock
- 5 institution
- 6 gender equality

7 hypocrisy

8 sarcasm

B

1 a 2 c 3 b 4 d

C

1 literate 2 achievements 3 institution

Reading Comprehension

1 d

2 b

3 b

4 She owns a slave even though she believes herself to be a good Christian woman.

5 a

6 They are the flaws and peculiar habits of celebrities and American culture.

7 d

Summary

A

① highlight the folly

② change them

③ minor disputes

④ owning slaves

⑤ peculiarities of celebrities

⑥ make people laugh

B

① wit

② power

③ institutions

④ ridicule

⑤ slaves

⑥ political

⑦ media

⑧ satirize

Unit 10 Natural Factors Influencing Development

Reading Skill

geography, natural resources

Vocabulary in Context

A

1 renewable

2 exploit

3 temperate

4 landlocked

5 squalor

6 reserve

7 tropical

8 hinder

B

1 c 2 a 3 d 4 b

C

1 exploiting 2 modest 3 appreciable

Reading Comprehension

1 a

2 c

3 They have huge tracts of fertile land, moderate temperatures, and a good amount of rainfall.

4 d

5 Because they can easily export their products all over the world at a low cost

6 a

7 a

Summary

A

① tropical climates

② less money

③ landlocked or mountainous

④ shipping routes

⑤ timber and rubber

⑥ economic disadvantage

B

- ❶ natural
- ❷ climate
- ❸ invest
- ❹ temperate
- ❺ location
- ❻ ship
- ❼ access
- ❽ disadvantage

Unit 11 Eurasian Eagle-Owl**Reading Skill**

settlements, increase

Vocabulary in Context**A**

- 1 dwell
- 2 settlement
- 3 bird of prey
- 4 marsh
- 5 reintroduce
- 6 encroach
- 7 perch
- 8 electrocution

B

- 1 b 2 d 3 c 4 a

C

- 1 capable 2 predator 3 stand out

Reading Comprehension

- 1 c
- 2 a
- 3 Its keen eyesight and hearing abilities allow it to detect the slightest sounds and movements.
- 4 c
- 5 Because these environments have many high areas for them to perch on and search for food
- 6 c
- 7 b

Summary**A**

- ❶ food chain
- ❷ small mammals
- ❸ rocky cliffs
- ❹ human settlements
- ❺ mortality rate
- ❻ reintroduce the bird

B

- ❶ largest
- ❷ top
- ❸ hunter
- ❹ night
- ❺ rocky
- ❻ encroachment
- ❼ mortality
- ❽ reintroducing

Unit 12 The Works of Louis Pasteur**Reading Skill**

microbe

Vocabulary in Context**A**

- 1 deleterious
- 2 seize upon
- 3 validation
- 4 instrumental
- 5 attribute to
- 6 serendipitous
- 7 immunity
- 8 sterilize

B

- 1 c 2 a 3 d 4 c

C

- 1 contaminated 2 serendipitous 3 distributes

Reading Comprehension

- 1 a
- 2 Because sour lactic acid was sometimes produced, ruining the entire mixture
- 3 d
- 4 c
- 5 a
- 6 eradication, life-threatening pathogens
- 7 d

Summary

A

- ❶ from spoiling
- ❷ contaminating the wine
- ❸ caused infections
- ❹ decrease sharply
- ❺ immune to
- ❻ artificial vaccinations

B

- ❶ discoveries
- ❷ spoiling
- ❸ germ
- ❹ contaminated
- ❺ infections
- ❻ sterilize
- ❼ pathogens
- ❽ artificial

Unit 13 The Difficulty of Predicting Earthquakes

Reading Skill

warning, withstand

Vocabulary in Context

A

- 1 shift
- 2 elusive
- 3 seismic
- 4 tremor
- 5 diagnostic

- 6 crust
- 7 magnitude
- 8 precursor

B

- 1 d
- 2 b
- 3 b
- 4 c

C

- 1 instilled
- 2 implement
- 3 seismic

Reading Comprehension

- 1 b
- 2 They use global seismic monitoring networks, geological field work, and historical records.
- 3 c
- 4 c
- 5 Because they also occur without being followed by seismic events
- 6 c
- 7 b

Summary

A

- ❶ years and decades
- ❷ a few days
- ❸ abnormal animal behavior
- ❹ measurement devices
- ❺ stay safer
- ❻ withstand earthquakes

B

- ❶ predict
- ❷ advance
- ❸ days
- ❹ changes
- ❺ install
- ❻ ground
- ❼ warning
- ❽ regulations

Unit 14 Writing Styles Around the World

Reading Skill

start, end

Vocabulary in Context

A

- 1 hone in on
- 2 choppy
- 3 concession
- 4 peripherally
- 5 linear
- 6 thesis
- 7 subordination
- 8 premise

B

- 1 a 2 c 3 c 4 d

C

- 1 continually 2 finalized 3 digression

Reading Comprehension

- 1 d
- 2 b
- 3 Because natives of their countries think they improve the quality of the text
- 4 a
- 5 b
- 6 Because it shows that they are exploring their work in depth
- 7 d

Summary

A

- ❶ linear writing style
- ❷ rules of composition
- ❸ distinct paragraphs
- ❹ include digressions
- ❺ a spiral organization
- ❻ possible flaws

B

- ❶ linear
- ❷ thesis
- ❸ end
- ❹ subordination
- ❺ digressions
- ❻ spiral
- ❼ general
- ❽ main idea

Unit 15 3D Printed Organs

Reading Skill

natural cells, organs

Vocabulary in Context

A

- 1 fuse
- 2 tissue
- 3 implant
- 4 develop
- 5 cell culture
- 6 rectify
- 7 kidney
- 8 transplant

B

- 1 c 2 a 3 b 4 c

C

- 1 assigned 2 run into 3 transplanted

Reading Comprehension

- 1 b
- 2 a
- 3 It allows the organs to be integrated into the bodies of humans and animals.
- 4 d
- 5 It has been used to make skin to transplant onto burn victims and to make bone tissue to rebuild the jawbones of patients.
- 6 d
- 7 b

Summary

A

- ❶ live cells
- ❷ fuse together
- ❸ single-cell level
- ❹ rebuild the jawbones
- ❺ complex internal organs
- ❻ functioning bladder

B

- ❶ organs
- ❷ layer
- ❸ break
- ❹ tissue
- ❺ structures
- ❻ skin
- ❼ internal
- ❽ bladder

Unit 16 Ocean Zones and Their Characteristics

Reading Skill

photosynthesis, aphotic

Vocabulary in Context

A

- 1 locate
- 2 penetrate
- 3 illumination
- 4 pocket
- 5 detritus
- 6 vent
- 7 camouflage
- 8 hospitable

B

- 1 b 2 d 3 b 4 c

C

- 1 locate 2 variety 3 severely

Reading Comprehension

1 a

2 Because of the abundance of food as well as the warm waters and low pressure

3 d

4 They swim up to the euphotic zone to feed or they have developed bioluminescence.

5 d

6 b

7 c

Summary

A

- ❶ ocean waters
- ❷ sunlight and food
- ❸ minimal sunlight
- ❹ made adaptations
- ❺ near-freezing
- ❻ underground vents

B

- ❶ open
- ❷ sunlight
- ❸ temperatures
- ❹ minimal
- ❺ prey
- ❻ deepest
- ❼ few
- ❽ life