ESSENTIA RDS



ANSWER KEY

UNIT 1

EXERCISES

A 1. poor 4. surge		2. trend 5. presence		3. addictive
B 1. d	2. e	3. a	4. c	5. b
C 1. b 6. d	2. d 7. a	3. c 8. b	4. c 9. c	5. a 10. a

READING COMPREHENSION

Part A

- 1. F / There is a link between social media use and a surge in health issues.
- 2. F / Social media may be more addictive than tobacco and alcohol.
- 3. F / A keyboard warrior is someone who writes negative posts while hiding their identity.
- 4. T
- 5. T

Part B

- 1. c
- 2. They use social media to target victims and spread rumors.
- 3. It can lead to loneliness because digital friends aren't real friends.

UNIT 2

EXERCISES

l	۱		
,	l	۱	

1.b 2.a 3.c 4.b 5.d

В

1. a, c 2. b, c 3. a, d 4. b, c 5. c, d

С

- 1. technique / substance
- 2. substantially / integrate
- 3. emit / enable
- 4. prompt / reject
- 5. carbon / powder

6. heal / grind

7. dust / skeptic

READING COMPREHENSION

Part A

- 1. T
- 2. F / Enhanced weathering is a technique used to speed up natural weathering.
- 3. T
- 4. T
- 5. F / Scientists are trying to combat global warming.

Part B

1. d

- 2. This happens when rain, which contains carbon, comes in contact with rocks.
- 3. A disadvantage is that grinding rocks produces dust, which can be harmful to health.

UNIT 3

EXERCISES

A 1. b	2. a	3. a	4. b	5. a
B 1. a	2. a	3. b	4. a	5. a
C 1. c 6. a	2. b 7. d	3. b	4. d	5. a

READING COMPREHENSION

Part A

- 1. F / Some places in Europe worked to help save the Jews during the war.
- 2. T
- 3. T
- 4. F / The villagers did everything they could to defy the Germans.
- 5. T

Part B

- 1. a
- 2. The Huguenots were Protestants who once endured persecution in Catholic France.

3. The residents of Le Chambon-sur-Lignon hid the Jews in their own homes, barns, and public buildings such as orphanages and schools.



EXERCISES

Α

A				
1. d	2. a	3. e	4. b	5. c

В

1. b, d 2. c, d 3. a, b 4. a, c 5. b, c

С

1. vocal	2. equal
3. foster	4. face
5. inclusion	6. encouragement
7. tool	8. soar
9. position	10. power

READING COMPREHENSION

Part A

- 1. T
- 2. F / The quit rate for women is 41 percent.
- 3. T
- 4. T
- 5. F / Women in the field already should mentor other women.

Part B

- 1. d
- 2. Many young women are discouraged because they view the technology sector to be too maledominated.
- Men need to listen to women and foster a comfortable work culture in the tech industry.

UNIT 5

EXERCISES

Α

В

1. canvas2. realistic4. practice5. width

1. b, c 2. c, d 3. a, d 4. a, b 5. a, c

С

1. a	2. b	3. b	4. d	5. c
6. d	7. c	8. b	9. d	10. a

READING COMPREHENSION

Part A

- 1. F / Impressionism began in France.
- 2. T
- 3. T
- 4. T
- 5. F / Impasto means "mixture" in Italian.

Part B

1. b

- 2. Impressionists liked to paint landscapes and contemporary life.
- 3. Traditional painting focused on historical, literary, mythological, and religious themes.

UNIT 6

EXERCISES

A 1. b, d 2. a, b 3. c, d 4. a, b 5. c, d

В

1. a, c 2. a, b 3. c, d 4. b, c 5. a, d

С

1. mobilize2. landing3. prisoner4. tribute5. beyond6. wounded7. wild8. Thus

D

1. landing, n.	2. originally, adv.
3. outbreak, n.	4. prisoner, n.
5. mobilize, v.	

READING COMPREHENSION

Part A

- 1. F / The joint mission was to capture what is now present-day Istanbul.
- 2. T
- 3. T
- 4. F / The Australian troops did not achieve victory at the end of 1915.
- 5. T

3. distinctive

Part B

1. a

- 2. The troops arrived on the Gallipoli peninsula on April 25, 1915.
- 3. They sing the national anthem, pray, lay wreaths of red poppies, and observe a period of silence.

UNIT 7

EXERCISES

Α 1. a	2. d	3. b	4. c	5. a
B 1. c	2. b	3. e	4. a	5. d
С				
1. refere	ence	2. reas	on	diversity
4. earthquake		5. end	angered	6. cease
7. extinction		8. genocide		9. assimilate

READING COMPREHENSION

Part A

10. percent

- 1. T
- 2. F / Dominant languages have major effects on endangered languages.
- 3. F / Once Hindi was made the official language, more people began to speak Hindi, and less people spoke other languages in India.
- 4. F / The number of Hindi speakers increased.
- 5. T

Part B

- 1. d
- 2. There are about 500 languages that are officially endangered.
- 3. People in rural areas stop using their native languages because they want to assimilate into mainstream culture.

UNIT	8
EXERCISES	

A				
1. b	2. b	3. d	4. a	5. c

В

1. a 2. b 3. a 4. a 5. b

С

1. b, d 2. a, c 3. a, b 4. b, c 5. a, b

D

- 1. performance, n.
- 2. management, n.
- 3. powerful, adj.
- 4. summary, n.
- 5. metabolic, adj.

READING COMPREHENSION

Part A

- 1. F / The ketogenic diet is a low-carbohydrate/ high-fat diet.
- 2. F / The average person gets their energy from glucose.
- 3. T
- 4. T
- 5. F / People should check with their doctor before going on the ketogenic diet.

Part B

- 1. b
- 2. The health benefits of the ketogenic diet are weight loss, diabetes management, increased mental focus and energy, and epilepsy control.
- 3. Some side effects of the ketogenic diet are cramping, constipation, heart palpitations, and reduced physical performance.

U	NI	T	9
_			

EXERCISES

1. b	2. a	3. c	4. a	5. d
	2. a 7. b	3. d	4. c	5. c

С

- 1. weak, excel
- 2. theoretical, intregral
- 3. collision, competent
- 4. geology, area

- 5. minimum, job
- 6. psychology, sociology
- 7. radioactive, analytic
- 8. cognitive, relativity
- 9. keen, intellect
- 10. bachelor, diploma

Part A

- 1. T
- 2. F / He knew the movements of celestial objects and how to harness the power of radioactive substances.
- 3. T
- 4. F / Studying sociology and geology didn't give the bachelor a wonderful feeling.
- 5. F / Helping others, not his cognitive talents, had made him feel this great.

Part B

- 1. a
- 2. As soon as he had received his diploma, he asserted to everyone he met that he was the smartest person in town.
- 3. One day while strolling through the town, the bachelor witnessed a collision between two cars.

UNIT 10

2. c

EXERCISES

Α				
1. c	2. b	3. a	4. d	5. c
6. a	7. d	8. b	9. c	10. a
_				

3. a

4. d

5. c

B 1. b

C	
1. incentive	2. transaction
3. legislated	4. bribed
5. retail	6. administrator
7. headquarters	8. corrupt
9. legitimate	10. revenue

READING COMPREHENSION

Part A

- 1. F / Mr. Watson was an administrator at a big factory.
- 2. F / Some of the changes made to the factory were not legitimate.
- 3. T
- 4. F / Mr. Watson violated the law by disposing of the factory's rubbish in the river.
- 5. F / Changes to the factory's infrastructure created more revenue.

Part B

1. d

- 2. According to the officials, Mr. Watson manipulated the law in order to get more money.
- 3. When all transactions stopped, the factory lost money, and Watson lost his job.

UNIT 11

EXERCISES

Α				
1. d	2. a	3. d	4. a	5. c
6. d	7. d			

В

1. terminal	2. extract	impulse
4. subsequent	5. assess	6. ongoing
7. essence	8. fabulous	9. astonished
10. publicity		

С

1. haste2. significance3. molecules4. commenced5. proximity6. latter7. synthetic8. assess9. remedy10. inhibit10. inhibit10. inhibit

READING COMPREHENSION

Part A

- 1. T
- 2. T
- 3. F / The infection caused by the bacteria he was working on was terminal.
- 4. T
- 5. F / Whenever the fungus was close to the bacteria, the bacteria died.

Part B

1. c

- 2. The significance of the fungus was that it could kill the bacteria.
- 3. The scientist extracted molecules from the funaus.

UNIT 12

EXERCISES

Α				
1. b	2. a	3. c	4. a	

В

1. biography	2. acute	3. aggression
4. virtue	5. narrated	6. partiality
7. classical	8. legacy	9. notorious
10. compel		
•		
G		

5. d

1. h	2. g	3. a	4. j	5. b
6. c	7. i	8. d	9. e	10.f

READING COMPREHENSION

Part A

- 1. T
- 2. T
- 3. F / It was inevitable that Beethoven would lose his hearing altogether.
- 4. T
- 5. F / Beethoven was a great composer of classical music in the 1800s.

Part B

- 1. b
- 2. The young Beethoven developed a partiality for classical music.
- 3. He first learned to play the piano when he was five.

UNIT	13	3	
	c .		

EXERCISES

Α				
1. c	2. a	3. c	4. b	5. a
6. b	7. a	8. d	9. b	10. a

В

1. b 2. a 3. a

С

- 1. Humanitarian, informative
- 2. premise, rack
- 3. undertook, disproves
- 4. bud, wax
- 5. tie, credit
- 6. assignment, hypothesis
- 7. aspect, asset
- 8. spatial, awareness
- 9. Renaissance, optic
- 10. coordinate, specify

READING COMPREHENSION

Part A

- 1. T
- 2. F / At first, Sam is a skeptic. He thinks the assignment will be easy.
- 3. F / When Sam goes into the kitchen, he can't read the newspaper.
- 4. F / Sam accidentally walked into a bike rack on his way outside.
- 5. F / Without his sense of sight, Sam has no spatial awareness and couldn't easily do normal activities.

Part B

- 1. c
- 2. According to the teacher, the premise of the experiment is to help the students understand what it's like to be blind.
- 3. Sam noticed that the bud seemed to be covered with wax.

UNIT 4

EXERCISES

A 1.	d	2. c	3. a	4. b	5. b
3.	courty corres fraud	ard ponded		2. chaoti 4. cited	с
C 1.	b	2. d	3. a	4. b	5. a

D

- 1. brainstorm, outlook
- 2. fraud, budget
- 3. cite, refined
- 4. addict, estate
- 5. prehistoric, archeological

READING COMPREHENSION

Part A

- 1. F / There is no archeological evidence that the Chinese actually made parachutes.
- 2. F / A Leonardo da Vinci drawing of a parachute corresponds with modern parachute design.
- 3. T
- 4. F / He used two umbrellas to restrict his speed as he traveled to the ground.

5. T

Part B

1. a

- 2. Lenomand used umbrellas because he had a small budget.
- 3. Lenomand jumped off a tall building on a French estate and landed safely in the courtyard.

UNIT 15

EXERCISES

Α

1. b 2. b 3. a 4. c

В

1. viral	2. antibiotic	database
4. ratio	5. phase	6. spiral
7. magnet	8. input	9. prevalent
10. immune		

5. a

С

- 1. microchip, magnet
- 2. metabolism, antibiotic
- 3. prevalent, equivalent
- 4. quantum, complements
- 5. ratio, phase
- 6. spiral, viral
- 7. input, aggregate
- 8. intimate, immune
- 9. circuit, database
- 10. compresses, pinch

READING COMPREHENSION

Part A

- 1. T
- 2. F / Chips express the aggregate number of immune and infected cells in a ratio.
- 3. T
- 4. T
- 5. F/ Putting microchips in humans is becoming more prevalent.

Part B

- 1. a
- 2. The special magnet copies the chip's data.
- The next phase of the process involves putting it underneath the person's skin.

UNIT 16

EXERCISES

Α

1. a	2. b	3. b	4. c	5. a

В

3. 5. 7.	 manufactures administration deceptive coalition framework 			 2. mechanisms 4. cholesterol 6. explicit 8. regime 10. straightforward 	
C 1.	b	2. b	3. а	4. b	5. a

D

1. b 5. d 2. c 3. d 4. a

READING COMPREHENSION

Part A

- 1. F / Bioco as a biotechnology company manufactured drugs to treat diabetes and high cholesterol.
- 2. T
- 3. T
- 4. T
- 5. F / After the company minimized air pollution, the motto became apt.

Part B

1. b

- 2. Jack stood up to give a speech.
- 3. The workers threatened to guit.



EXERCISES

Δ

1 . a	2. d	3. c	4. b	5. a
B 1. landlo 4. utility 7. furnis 10. mor	sh	2. emp 5. pers 8. lease	onnel	3. hygiene 6. conform 9. extension

С

1. a	2. b	3. b	4. a	5. a
6. a	7. b	8. a	9. a	10. a

READING COMPREHENSION

Part A

- 1. F / If the tenants didn't pay the lease, the landlord could not pay his mortgage and would be bankrupt.
- 2. T
- 3. T
- 4. F / The carpenter mended the holes in the floors and walls.
- 5. T

Part B

- 1. d
- 2. In addition to dressers, the tenants furnished some of the apartments with new beds and chairs.
- 3. If the landlord did not conform to the city's mandatory hygienic standards, his tenants would have to leave by the end of the month.

UNIT	8
EXERCISES	

Δ

~				
1. a	2. c	3. c	4. b	5. a

В

1. therapy	2. biological	fantasy
4. adapt	5. cellular	6. rigid
7. dynamic	8. pioneer	9. sequence
10. transferred		

С

1. b, d 2. a, b 3. c, d 4. b, c 5. a. d

D

- 1. internal, transition
- 2. biological, substitute
- 3. respective, heredity
- 4. minimal, dynamic
- 5. transplant, pioneer

READING COMPREHENSION

Part A

- 1. F / Internal organ transplants were a fantasy before 1954.
- 2. F / Dr. Murray was a pioneer of new surgical procedures.
- 3. T
- 4. T
- 5. T

Part B

- 1. d
- 2. They had the exact same biological traits and cellular features.
- 3. Doctors prescribed physical therapy to revive Richard's strength.

UNIT 19

EXERCISES

1. a 2. a 4. b 3. b 5. a

В

Α

1. frantic	2. soothed	3. deviate
4. stranded	5. technique	6. nuisance
7. latitude	8. erroneous	9. mariners
10. multitude		

С

1. soothe, stranded 3. couple, mariner

2. latitude, equation

Part A

- 1. F / Even today, sailors opt to navigate by using Polaris on clear nights.
- 2. T
- 3. F/ Lost people's problems can be alleviated by gazing up at the sky.
- 4. T
- 5. T

Part B

1. a

- 2. The permanence of Polaris in the north sky has helped countless people find their destinations.
- 3. By figuring out the angle between the star and the horizon.

UNIT 20

EXERCISES

Α				
1. b	2. a	3. b	4. d	5. c
6. a	7. a	8. d	9. c	10. b
B 1. strap 4. reput	able	2. feminine 5. pads		3. attire
C 1. hierau 4. craze 7. proto	1	2. style 5. aristo 8. reputa	•	3. strap 6. excess 9. feminine

D

- 1 hierarchy, excess
- 2. signify, tangled
- 3. vanity, style

10. partner

READING COMPREHENSION

Part A

- 1. T
- 2. F / Just like the ladies, the men wore lipstick and rouge.
- 3. T
- 4. F / Women's hair was a tangle of wigs, jewels, flower, and stuffed birds.

Part B

1. d

- 2. The predominant style in women's attire was enormous dresses.
- 3. The clothing signified wealth and status.

UNIT 21

EXERCISES

Α

1. b 2. b 3. c

В

1. embryos	2. publicized	3. surplus
4. theorized	5. verify	

С

1. c 2. a 3. b

D

- 1. ashore, survived
- 2. contradicts, counterpart
- 3. theorize, publicize
- 4. devoid, major
- 5. embryo, gazette
- 6. individual, homogenous
- 7. finally, obstruct
- 8. prolong, plunged
- 9. vigorous, surplus
- 10. verify, diverges

READING COMPREHENSION

Part A

- 1. T
- 2. T
- 3. F / Scientists verified that baby komodo dragons don't have the same genes as their mothers and are devoid of genetic problems.
- 4. F / Scientists theorize that the special ability helps komodo dragons fend off extinction.
- 5. T

Part B

- 1. b
- 2. It is possible because komodo dragons are vigorous swimmers and can plunge into the water.

5. T

3. The baby will be weaker and have genetic problems.



EXERCISES

Α

UN	IT 22			
EXERC	ISES			
Α 1. a	2. d	3. b	4. c	5. b
B 1. crec 4. alta 7. dun	r	2. psy 5. arth		3. interpret 6. psychic
C 1. d	2. b	3. а	4. c	5. a

D

1. scope	2. pneumonia	3. text
4. dusk	5. deception	6. sinister
7. botany	8. deceased	9. strife
10. interpret		

READING COMPREHENSION

Part A

- 1. F / The Greek Magical Papyri was hard to decipher because it was written in at least three different ancient languages.
- 2. F / The book is about magic.
- 3. T
- 4. F / A spell was spoken at dusk to gratify the gods.
- 5. T

Part B

- 1. a
- 2. A person trying to heal arthritis should build an ornate altar and place mashed herbs on it. Then he or she should say a spell at dusk.
- 3. The sinister part of the book focuses on causing strife and deception.

1. a	2. c	3. d	4. a	5. b
6. d	7. a	8. c	9. a	10. b
В				
1. pests		2. mag	Inify	3. savage
4. induce		5. arte	ries	
С				
1. a	2. a	3. b	4. a	5. c
6. d	7. b	8. a	9. c	10. b

READING COMPREHENSION

Part A

- 1. F / The mamushi attacks people if it is stunned.
- 2. F / The effects of a mamushi bite seem negligible, but they are very serious.
- 3. T
- 4. T
- 5. F / Scientists think that the mainstream idea that animal bites are the most dangerous is invalid.

Part B

- 1. c
- 2. The mamushi bite can impede respiration, induce paralysis and cause the person to be susceptible to kidney deterioration.
- 3. A tiger's savage nature prevails if her babies are threatened.

UNIT 24

EXERCISES

A 1. d	2. a	3. b	4. a	5. c
B 1. d 6. c	2. b 7. d	3. a 8. c	4. c 9. a	5. b 10. d
C	0 -	0 -	4 -	5 b
1. b 6. b	2.c 7.a	3. a 8. c	4. c 9. d	5. b 10. d

Part A

- 1. F / People were envious of King Croesus because he controlled a precious commodity: gold.
- 2. T
- 3. F / The wise man said that the king's good luck wouldn't last.
- 4. T
- 5. F / The Oracle's prophecy was that if king Croesus went to war, a great civilization would be destroyed.

Part B

- 1. a
- 2. The messenger was in a festive mood and jolly mood because he thought the Oracle's prophecy was good for Lydians.
- 3. The civilians who joined Lydian army had high morale because they thought they would win.

UNIT 25

EXERCISES

1. b 6. c	2. d 7. b	3. a 8. a	4. c 9. d	5. d 10. a
в				
1. c	2. c	3. a	4. c	5. d
6. c	7. b	8. d	9. b	10. d

С

1. render	2. needy	3. compiled
4. smallpox	5. diagnosed	6. gross
7. transmitted	8. federation	9. humane
10. collaborate		

READING COMPREHENSION

Part A

- 1. T
- 2. F / Smallpox rendered people blind or left with gross scars.
- 3. T
- 4. F / Wealthier countries pledged to give any country that could not afford it a vaccine to counteract smallpox.

5. T

Part B

1. c

- 2. This federation of countries collaborated to completely destroy smallpox.
- 3. Their countries could not afford the vaccine nor supply enough doctors to curb the spread of smallpox.

UNIT 26

EXERCISES

A 1. b 6. c	2. c 7. d	3. b 8. b	4. b 9. a	5. a 10.d
B 1. b	2. a	3. d	4. b	5. a
C 1. upgra 3. provis 5. viable 7. volun	sion Ə		2. imp 4. mar 6. adh 8. ovei	ifest

READING COMPREHENSION

Part A

9. administer

1. T

 F / A deficiency of important fluids caused metabolic processes to stop working correctly.

10. compassionate

- 3. T
- 4. F / The system used to filter water is being upgraded.
- 5. T

Part B

- 1. d
- 2. Countries recognized the paramount need to contain the outbreak.
- 3. The doctors provided sterile drinking water and medication.

UNIT **27**

EXERCISES

A 1. b	2. a	3. d	4. c	5. a
B 1. seizure 4. lunar 7. psychiatry 10. founded		2. definitive 5. ideology 8. personalized		3. novelty 6. utensil 9. reflexes
C 1. a 6. c D	2. c 7. c	3. a 8. a	4. d 9. b	5. d 10. d
		•		<u>.</u>

1. personalized	2. session	3. lunar
4. Almighty	5. equated	

READING COMPREHENSION

Part A

- 1. T
- 2. F / Doctors did not use outdated treatments after definitive treatments were developed.
- 3. F / The cause of seizures used to be equated to the work of evil spirits.
- 4. T
- 5. T

Part B

- 1. a
- 2. He or she would be surprised by the treatment's novelty because doctors in the 1800s were influenced more by old medical beliefs than science.
- 3. They were treated like they were insane.

UNIT 28

EXERCISES

A 1. d	2. a	3. d	4. b	5. a
B 1. a	2. b	3. а	4. a	5. a

С

1. e	2. d	3. b	4. f	5. g
6. a	7. c			

D

1. appetizing	2. piece	3. oversee
4. courtesy	5. crisp	

READING COMPREHENSION

Part A

- 1. T
- 2. T
- F / The expert who oversaw the process made sure there wasn't discord between the workers.
- 4. T
- 5. F / The builders couldn't replicate the design from normal houses.

Part B

- 1. a
- 2. There are warm rooms nearby, a courtesy to people who get too cold.
- 3. Erik stores his belongings in his ice locker.

UNIT **29**

EXERCISES

A 1.b 2.d 3.b 4.c 5.a

В

1. notwithstanding	2. patent
3. overpopulation	4. sector
5. habitual	6. region
7. output	8. fumes
9. export	10. scraps

С

1. synthe 4. conve 7. defer		2. suspend 5. subsist		 3. subscribe 6. scrap
D 1. c	2. b	3. b	4. d	5. b

Part A

- 1. T
- 2. F / The environmental sectors of many governments are setting strict standards.
- 3. T
- 4. F / A conversion to clean cars means petroleum can be saved for the future.
- 5. T

Part B

1. b

- 2. Many car companies already have patents on prototypes for very efficient cars.
- 3. Many countries are also subscribing to the point of view that immediate action is needed to provide the world with enough food.

UNIT 30

EXERCISES

A	

1. b	2. b	3. d	4. c	5. a
в				
1. acrobats		2. fluid		3. communal
4. inve	ntive 5. resourceful		6. statutes	
7. rehearsed 8. industrious		9. Mandarin		

10. metropolitan

С

- 1. vine, statue
- 2. harmonized, mimic
- 3. technical, industrious
- 4. veterans, villain
- 5. communal, sensory
- 6. inventive, misguided
- 7. staple, advocacy
- 8. metropolitan, scorned
- 9. fluid, resourceful
- 10. Mandarin, acrobat

READING COMPREHENSION

Part A

- F / The Chinese farmers became great acrobats while entertaining themselves during the winters.
- 2. T
- 3. T
- 4. T
- 5. F / Advocacy groups convinced the government to support Chinese acrobatics.

Part B

- 1. b
- 2. In the past, people thought that acrobats were villains and just wanted to trick rich people.
- 3. The acrobats used vines to perform tricks high above the ground.