

# Englist.me



## Vocabulary Builder Reference from...

Steve Ramirez and Xu Liu: A mouse. A laser beam. A manipulated memory. | TED Talk

[https://www.ted.com/talks/steve\\_ramirez\\_and\\_xu\\_liu\\_a\\_mouse\\_a\\_laser\\_beam\\_a\\_manipulated\\_memory](https://www.ted.com/talks/steve_ramirez_and_xu_liu_a_mouse_a_laser_beam_a_manipulated_memory)

### All Words

#### IMPORTANT

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## Session 1: Word List

### grad

*n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university

*synonym* : graduate, alumnus, alumni

(1) high school **grad**, (2) **grad** student

He was proud to be a **grad** of the prestigious university.

### trash

*n.* discarded material, refuse, or waste

*synonym* : garbage, waste, refuse

(1) **trash** bin, (2) **trash** disposal site

The city is taking measures to reduce the amount of **trash** in the streets.

### swift

*adj.* happening, moving, or capable of moving quickly

*synonym* : quick, speedy, brisk

(1) take **swift** action, (2) a **swift** current of a river

Her voice was **swift**, yet ever the last words fell lingeringly.

### breakup

*n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections

*synonym* : breakdown, divorce, separation

(1) a **breakup** hug, (2) air **breakup**

He got over the big **breakup** with his wife.

## recall

*v.* to remember something

*synonym*: remember, retrieve, recollect

(1) **recall** the incident, (2) **recall** his name

She vividly **recalls** getting laid off several years ago.

## rid

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

*synonym*: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

## gut

*n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

*synonym*: belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

## visceral

*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

*synonym*: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

## neuroscience

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

## emotional

*adj.* relating to people's feelings

*synonym* : affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

## undertone

*n.* a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect

*synonym* : tinge, implication, hint

(1) political **undertone**, (2) a clear **undertone** of tension

The speech had a subtle **undertone** of criticism that didn't go unnoticed by the audience.

## largely

*adv.* virtually entirely; to a large degree

*synonym* : mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue

Nevada is **largely** a desert state.

## mediate

*v.* to try to bring about an agreement or understanding between people who are in conflict

*synonym* : arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation

The teacher had to **mediate** a disagreement between two students over a stolen pencil.

## separate

*v.* to force, take, or pull apart; mark as different

*synonym* : disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym* : intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage  
X-rays revealed a small tumor in his **brain**.

**edit**

v. to prepare written material for publication by correcting, condensing, or otherwise modifying it  
*synonym*: revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video  
I need to **edit** this document before submitting it to my boss.

**nauseate**

v. to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust  
*synonym*: queasy, sicken, disgust

(1) **nauseate** my stomach, (2) make me **nauseate**  
The roller coaster ride was so intense that it **nauseated** some passengers.

**intact**

*adj.* undamaged and complete  
*synonym*: flawless, unchanged, entire

(1) **intact** brain, (2) **intact** forestland  
Despite the scandals, his reputation remained **intact**.

**lofty**

*adj.* elevated in position, rank, or status; grand; elevated in style or language  
*synonym*: high, elevated, grand

(1) a **lofty** peak, (2) **lofty** ambitions  
His **lofty** goals were admirable but unrealistic.

**jump-start**

v. to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery  
*synonym*: revitalize, energize, kick-start

(1) **jump-start** a career, (2) **jump-start** an economy  
I had to **jump-start** my car's battery this morning because it was dead.

## eternal

*adj.* being without beginning or end; lasting forever

*synonym* : endless, everlasting, undying

(1) the hope of **eternal** life, (2) **eternal** quarreling

In every civilization, rulers have tried everything possible to obtain **eternal** life.

## sunshine

*n.* the direct light and heat that comes from the sun

*synonym* : sunlight, daylight, rays

(1) warm **sunshine**, (2) morning **sunshine**

The **sunshine** was so bright that I had to wear sunglasses to protect my eyes.

## spotless

*adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy

*synonym* : immaculate, pristine, pure

(1) **spotless** room, (2) **spotless** reputation

The car dealership advertised **spotless** cars that looked brand new.

## inception

*n.* the beginning or start of something; the point in time when something comes into existence

*synonym* : origin, beginning, start

(1) **inception** date, (2) lease **inception**

The idea for the company was formed at its **inception** and has since grown into a successful business.

## celebrity

*n.* someone who is well-known, particularly in the entertainment industry

*synonym* : figure, star, VIP

(1) baseball **celebrity**, (2) **celebrity** known worldwide

The popularity of the show made her an instant **celebrity**.

## lab

*n.* a workplace for the conduct of scientific research; a laboratory

*synonym* : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## convince

*v.* to persuade someone or make someone believe that something is true

*synonym*: persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent  
I am considering what I should do to **convince** him.

## label

*n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

*synonym*: tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name

The **label** on the food package lists the ingredients and nutritional information.

## convinced

*adj.* completely certain about something; having a strong belief or conviction in a particular religion

*synonym*: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

## needle

*n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

*synonym*: thorn, spike, pin

(1) **needle** prick, (2) sewing **needle**

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

## haystack

*n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding

*synonym*: pile, heap, stack

(1) **haystack** fire, (2) lost in a **haystack**

The children played hide and seek in the **haystacks** in the

barnyard.

## physically

*adv.* in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit

Having a **physically** healthy physique is essential for a great life.

## straw

*n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.

*synonym* : hay, stalk, reed

(1) **straw** basket, (2) rice **straw**

The **straw** hat protected her face from the sun while she worked in the fields.

## typical

*adj.* having the usual characteristics or traits of a specific group of things

*synonym* : characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

## daunting

*adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

*synonym* : intimidating, stunning, disheartening

(1) face the **daunting** reality, (2) seem like a **daunting** task

My homework was **daunting** and complex, but it was also intriguing.

## involve

*v.* to include or affect someone or something as a necessary part of something else

*synonym* : implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

## ignore

*v.* to intentionally not listen or pay attention to  
*synonym*: neglect, disregard, shun

(1) **ignore** her advice, (2) **ignore** a ban

Since independence, the area has been completely **ignored**.

## ethics

*n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

*synonym*: morals, principles, moralities

(1) political **ethics**, (2) **ethics** of journalism

This scripture provides the code of **ethics** for the religion.

## slice

*n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

*synonym*: piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin

The children complained because one **slice** of cake was slightly larger than the other.

## amazing

*adj.* extremely surprising, especially in a way that you like or admire

*synonym*: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

## robust

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

*synonym*: healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

## hippocampus

*n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory



(1) involvement of the **hippocampus**, (2) neurons in the **hippocampus**

The **hippocampus** is crucial for learning and memory storage.

## imply

v. to indicate the truth or existence of something without referring to it

*synonym*: hint, indicate, denote

(1) **imply** a strong correlation, (2) **imply** the presence of alien

The salespeople speak in technical terms to **imply** that they are more knowledgeable than the customer.

## process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym*: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## react

v. to take action in response to something

*synonym*: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

## zoom

v. to move along very quickly; (noun) the act of rising upward into the air

*synonym*: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

## footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

*synonym*: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## clip

*n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

*synonym*: buckle, hook, pin

(1) tie **clip**, (2) short video **clip**

He fastens some sheets of paper with a **clip**.

## attach

*v.* to fasten, join, or connect one thing to another

*synonym*: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

## engineer

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

*synonym*: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

## virus

*n.* a tiny infectious organic material that causes disease in people, animals, and plants

*synonym*: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

## inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

*synonym*: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

## install

v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

*synonym*: establish, inaugurate, lodge

(1) **install** a door, (2) **install** a chairperson

The new president was **installed** immediately after the national election.

## dense

*adj.* containing a large number of people or something with little space between them

*synonym*: heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

## specific

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

*synonym*: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## crystallize

v. to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

*synonym*: solidify, freeze, shape up

(1) **crystallize** a concept, (2) **crystallize** into reality

As the sugar water cools, it will slowly **crystallize** into rock candy.

## fleeting

*adj.* brief or temporary, lasting only a short time

*synonym* : temporary, brief, transitory

(1) for a **fleeting** moment, (2) **fleeting** opportunity

She savored the **fleeting** happiness she felt during the vacation.

## cross-section

*n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior

*synonym* : section, segment, slice

(1) **cross-section** diagram, (2) **cross-section** view

The **cross-section** of the tree trunk showed its growth rings.

## pharmacology

*n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

*synonym* : pharmacy, pharmaceuticals

(1) **pharmacology** research, (2) **pharmacology** textbook

Medical professionals must stay up-to-date with the latest developments in **pharmacology** to ensure optimal patient care.

## inactivate

*v.* to make something idle or inoperative; to release from military service or remove from the active list of military service

*synonym* : assuage, appease, demobilize

(1) **inactivate** growth factor, (2) **inactivate** the vaccine

The system for purifying the air uses UV light to **inactivate** microorganisms.

## messy

*adj.* disorganized and untidy

*synonym* : cluttered, disorganized, untidy

(1) **messy** data, (2) **messy** handling

His **messy** bedroom is always a source of frustration for his mother.

- zap**
- v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force  
*synonym*: destroy, kill, exterminate  
(1) **zap** a huge target, (2) **zap** bar code  
They provided allies with powerful weapons that could **zap** the enemy from thousands of miles away.
- electrify**
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something  
*synonym*: wire, amaze, astonish  
(1) **electrify** the audience, (2) **electrify** a manufacturing process  
The product developed through years of research continues to **electrify** the market.
- fry**
- v.* to cook food, especially meat or fish, in hot fat or oil  
*synonym*: cook, roast, bake  
(1) **fry** an egg, (2) **fry** over low heat  
She devoted herself to **frying** the chicken in a pan until it was crispy and golden brown.
- inactive**
- adj.* not doing any or much physical activity; lying idle or unused  
*synonym*: inoperative, passive, stagnant  
(1) become **inactive**, (2) an **inactive** volcano  
The chronic back pain forced him to live an **inactive** life.
- normally**
- adv.* usually; under normal conditions  
*synonym*: commonly, generally, naturally  
(1) complete **normally**, (2) not **normally** drink much  
I don't **normally** take a vacation in the middle of summer.
- pulse**
- n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

*synonym* : beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

## sensitive

*adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

*synonym* : exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

## laser

*n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

*synonym* : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

## beam

*n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

*synonym* : ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

## technique

*n.* a particular way or art of doing something that needs skill

*synonym* : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

## optogenetics

*n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience

research

(1) **optogenetics** technique, (2) **optogenetics** manipulation

The recent advances in **optogenetics** research have paved the way for a deeper understanding of neuronal functions.

## rhodopsin

*n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions

*synonym*: visual purple, purpuroxanthin, retinene

(1) visual **rhodopsin**, (2) photosensitive **rhodopsin**

Light entering the eye causes a chemical change in the **rhodopsin**, which begins the vision process.

## dot

*n.* a very small circular mark, especially one that is printed

*synonym*: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

## flip

*v.* to turn over into a different position quickly; to throw or toss with a light motion

*synonym*: throw, jump

(1) **flip** over the pork chop, (2) **flip** a coin

He **flipped** when he heard that he had been accepted into the university.

## shock

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

*synonym*: amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

## defend

*v.* to protect someone or something from attack, criticism, danger, etc.

*synonym*: protect, guard, support

(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its

rights and interests are illegally violated.

## undetected

*adj.* not perceived or discovered

*synonym* : undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**  
Doctors made mistakes, and diseases remained **undetected**.

## detect

*v.* to find or recognize something, especially something difficult to see, hear, etc.

*synonym* : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders  
The security camera has **detected** four intruders.

## threat

*n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

*synonym* : menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**  
The **threat** of severe weather prompted the city to issue an evacuation warning.

## nowhere

*adv.* not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**  
I've been thinking all day and getting **nowhere**.

## terrifying

*adj.* very frightening or intimidating

*synonym* : frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events  
Large earthquakes often generate **terrifying** tsunamis.

## pretension

*n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition

*synonym* : presumption, pretense, affectation

(1) **pretension** to authority, (2) baseless **pretension**



His **pretensions** of being a gourmet were quickly exposed when he could not identify basic herbs and spices.

## incapacitate

*v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage

*synonym*: disable, paralyze, immobilize

(1) **incapacitate** opponent, (2) **incapacitate** the enemy

The injury sustained during the game could **incapacitate** the player for the rest of the season.

## temporarily

*adv.* for a limited time only or not permanently

*synonym*: for a time

(1) a hut made **temporarily**, (2) **temporarily** suspend the production

Some athletes take anabolic steroids to increase muscle size **temporarily**.

## headlight

*n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead

*synonym*: headlamp, beam, lamp

(1) **headlight** adjustment, (2) **headlight** switch

My car's **headlight** must be replaced before I drive again at night.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym*: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**  
His **experiments** showed highly positive results.

## ocular

*adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight

*synonym*: visual, optical, ophthalmic

(1) **ocular** examination, (2) **ocular** symptoms

After using the new **ocular** lens, the photographer took extremely sharp and detailed pictures.

## movement

*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

*synonym*: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

## remotely

*adv.* at a distance; not directly or easily accessible

*synonym*: distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

## resemble

*v.* to look like or be similar to someone or something

*synonym*: look like, be similar to

(1) **resemble** each other, (2) **resemble** her mother

The brothers **resemble** each other in the hobby.

## blink

*v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

*synonym*: twinkle, flash, flicker

(1) **blink** his eyes, (2) **blink** in astonishment

He **blinked** in the dazzling sunlight.

## sniff

*v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

*synonym* : smell, inhale, scent

(1) **sniff** the air, (2) **sniff** the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

## awkward

*adj.* making you feel uncomfortable or embarrassed; causing inconvenience or difficulty

*synonym* : embarrassing, discomfiting, clumsy

(1) an **awkward** expression, (2) an **awkward** date

The **awkward** design of the interface made the operation difficult.

## silent

*adj.* without any or little sound

*synonym* : quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

## excite

*v.* to make someone feel suddenly enthusiastic or eager

*synonym* : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## journal

*n.* a newspaper or magazine specialized in a specific topic or profession

*synonym* : periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

## numerous

*adj.* amounting to a large indefinite number

*synonym* : many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

## virtual

*adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

*synonym* : practical

(1) a **virtual** image, (2) trading of **virtual** currencies

She is the **virtual** president of the company.

## neural

*adj.* of or relating to a nerve or the nervous system that includes the brain

*synonym* : sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

## manipulate

*v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way

*synonym* : control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

## visual

*adj.* relating to seeing or sight

*synonym* : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

## awesome

*adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.

*synonym* : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

## optimism

*n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

*synonym* : positiveness, sanguinity, bullishness

(1) sense of **optimism**, (2) political **optimism**

There is considerable **optimism** that the economy will recover soon.

## freeman

*n.* a person who is not a serf or enslaved person and has the right to hold property and vote

*synonym*: citizen, individual, person

(1) **freeman** rights, (2) **freeman** status

In the colonial period, only **freeman** was allowed to vote.

## evocative

*adj.* tending to evoke or bring something to mind

*synonym*: suggestive, stimulating, provocative

(1) **evocative** memories, (2) **evocative** language

The music was **evocative** of a bygone era.

## accolade

*n.* an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement

*synonym*: tribute, honor, award

(1) **accolade** ceremony, (2) professional **accolade**

The actor received an **accolade** for his outstanding performance in the play.

## scare

*v.* to frighten a person or animal, or to become frightened

*synonym*: frighten, spook, intimidate

(1) **scare** off her attacker by screaming, (2) **scare** the birds away

We hit the ground to **scare** out the rabbits.

## hell

*n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place

*synonym*: inferno, agony, misery

(1) run like **hell**, (2) **hell** broke loose

The battlefield became **hell** on earth.

## discuss

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym*: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## ethical

*adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

*synonym*: honorable, moral, virtuous

(1) an **ethical** doctrine, (2) shoulder **ethical** responsibility

The president must have the highest **ethical** standards.

## ramification

*n.* the act or process of branching out or dividing into branches

*synonym*: fork, branching, complication

(1) **ramifications** of the scenario, (2) political **ramification**

The court's decision had many unforeseen **ramifications**.

## spirit

*n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

*synonym*: soul, attitude, enthusiasm

(1) **spirit** and the letter of the law, (2) an indomitable **spirit**

Despite their tragic loss, the family is showing great **spirit**.

## tinker

*v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

*synonym*: fiddle, play, fix

(1) **tinker** with the bill, (2) **tinker** with the settings

He spent the afternoon **tinkering** with his car engine.

## sophisticated

*adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

*synonym*: refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

## dynamic

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

*synonym*: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

## simplicity

*n.* the quality or condition of being natural and plain or easy to understand or do

*synonym*: easiness, plainness, modesty

(1) a life of **simplicity**, (2) refined **simplicity**

He liked the car because of the **simplicity** of the design.

## possibility

*n.* a chance that something may happen or be true

*synonym*: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

## incorporate

*v.* to include something as a part of a larger entity

*synonym*: contain, integrate, amalgamate

(1) **incorporate** the current trends, (2) **incorporate** technology into daily life

We will attempt to **incorporate** some of your suggestions into our future strategy.

## remix

*v.* to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item

*synonym*: recreate, recompose, alter

(1) **remix** a couple of tracks, (2) **remix** the album

He **remixed** the tracks to give them a jazz feel.

## tap

*v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy,

knowledge, etc.

*synonym* : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

## represent

*v.* to speak, act, or be present on behalf of another person or group; to form or constitute

*synonym* : depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

## association

*n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

*synonym* : affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

## suddenly

*adv.* quickly and unexpectedly

*synonym* : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

## philosophy

*n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

*synonym* : doctrine, attitude, creed

(1) **philosophy** of education, (2) western **philosophy**

Ethics is a branch of **philosophy**.

## principle

*n.* a fundamental law or truth that explains or controls how something happens or works

*synonym* : rule, creed, code

(1) **principle** of treatment, (2) **principle** in business



Efficiency isn't an essential **principle** here; fairness is.

## mysterious

*adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

*synonym*: enigmatic, cryptic, puzzling

(1) **mysterious** object, (2) **mysterious** stranger

The **mysterious** disappearance of the ship remains unsolved.

## erase

*v.* to remove something completely, especially by rubbing it

*synonym*: wipe out, delete, obliterate

(1) **erase** a memory, (2) **erased** the files

He attempted to **erase** the misspelled word.

## unwanted

*adj.* not wanted or desired

*synonym*: undesired, unneeded

(1) **unwanted** attention, (2) **unwanted** guests

He threw away the **unwanted** items in his closet.

## pluck

*v.* to pull or draw something, especially with sudden force or effort; to strip of feathers

*synonym*: grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds

She **plucked** the flowers off the bush.

## fiction

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

*synonym*: fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

## experimental

*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

*synonym*: empirical, exploratory, observed

(1) **experimental** data, (2) **experimental** design

The product is still in the **experimental** stage.

### nowadays

*adv.* at the current time, in comparison to the past

*synonym* : currently, presently, today

(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

### negative

*adj.* having the quality of something bad or harmful;  
expressing refusal

*synonym* : minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

### convert

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

*synonym* : alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

### pleasurable

*adj.* giving satisfaction or pleasure; enjoyable

*synonym* : comforting, enjoyable, gratifying

(1) a **pleasurable** experience, (2) have a very **pleasurable** time

Our marital life was full of happiness and **pleasurable** excitement.

### rumor

*n.* a piece of unverified information of uncertain origin that is spread by word of mouth

*synonym* : gossip, whisper, talk

(1) a false **rumor**, (2) **rumor** mill

There was a baseless **rumor** that the company was going bankrupt.

### exciting

*adj.* causing a lot of interest or excitement

*synonym* : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news  
The findings of the experiment were both **exciting** and unexpected.

## arbitrary

*adj.* based on chance, or individual whim rather than any reason

*synonym*: autocratic, dictatorial, whimsical

(1) **arbitrary** size and shape, (2) the **arbitrary** rule of a dictator

He collected data to avoid **arbitrary** decisions.

## bound

*v.* to move forward by leaps and bounds; to form the boundary of something

*synonym*: jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

## imaginary

*adj.* existing only in someone's mind

*synonym*: fictional, ideal, fantastical

(1) **imaginary** number, (2) **imaginary** pregnancy

Little children tend to have **imaginary** friends.

## modern

*adj.* of or belonging to the present time or recent times

*synonym*: contemporary, stylish, current

(1) **modern** poetry, (2) pre-**modern** agricultural society

Their headquarters are in a **modern** skyscraper.

## engage

*v.* to attract and keep someone's attention and interest; to participate in or obtain services of something

*synonym*: confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

## conversation

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

*synonym*: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

## decision

*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

*synonym*: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

## Session 2: Spelling

- |  |      |  |
|--|------|--|
| 1. inc_____te technology into daily life | v.   | to include something as a part of a larger entity  |
| 2. in_____e a high degree of risk        | v.   | to include or affect someone or something as a necessary part of something else  |
| 3. non-fi_____n bestseller               | n.   | the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true                        |
| 4. air br_____p                          | n.   | the end of a relationship between persons or nations; the separation of something into several pieces or sections  |
| 5. un_____ed attention                   | adj. | not wanted or desired  |
| 6. the ar_____ry rule of a dictator      | adj. | based on chance, or individual whim rather than any reason   |
| 7. a structural b__m of a building       | n.   | a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source          |
| 8. a clear un_____ne of tension          | n.   | a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect |
| 9. ce_____ty known worldwide             | n.   | someone who is well-known, particularly in the entertainment industry  |

ANSWERS: 1. incorporate, 2. involve, 3. fiction, 4. breakup, 5. unwanted, 6. arbitrary, 7. beam, 8. undertone, 9. celebrity

10. ex\_\_\_\_ng football player      *adj.* causing a lot of interest or excitement
11. pha\_\_\_\_\_\_ogy research      *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
12. en\_\_\_\_e a new employee      *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
13. cry\_\_\_\_\_\_ze into reality      *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify
14. h\_\_l broke loose      *n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
15. give si\_\_\_\_t consent      *adj.* without any or little sound
16. in\_\_\_\_on date      *n.* the beginning or start of something; the point in time when something comes into existence
17. make me na\_\_\_\_te      *v.* to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust
18. the most am\_\_\_\_g feeling      *adj.* extremely surprising, especially in a way that you like or admire
19. a hut made tem\_\_\_\_\_\_ly      *adv.* for a limited time only or not permanently

ANSWERS: 10. exciting, 11. pharmacology, 12. engage, 13. crystallize, 14. hell, 15. silent, 16. inception, 17. nauseate, 18. amazing, 19. temporarily

20. neurons in the hip\_\_\_\_\_us      *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
21. ina\_\_\_\_\_te growth factor      *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
22. stay phy\_\_\_\_\_ly fit      *adv.* in a way related to a person's body or appearance rather than their mind
23. rice st\_\_w      *n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.
24. vi\_\_\_\_\_al fear      *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
25. em\_\_\_\_\_al health      *adj.* relating to people's feelings
26. in\_\_\_t forestland      *adj.* undamaged and complete
27. ex\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
28. me\_\_y handling      *adj.* disorganized and untidy
29. bl\_\_k his eyes      *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
30. se\_\_\_\_\_ve documents      *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

ANSWERS: 20. hippocampus, 21. inactivate, 22. physically, 23. straw, 24. visceral, 25. emotional, 26. intact, 27. excite, 28. messy, 29. blink, 30. sensitive

31. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
32. at\_\_h firmly *v.* to fasten, join, or connect one thing to another
33. sc\_\_e the birds away *v.* to frighten a person or animal, or to become frightened
34. se\_\_\_\_te video into chapter *v.* to force, take, or pull apart; mark as different
35. seem like a da\_\_\_\_ng task *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
36. sc\_\_e off her attacker by screaming *v.* to frighten a person or animal, or to become frightened
37. at\_\_h a file to an e-mail *v.* to fasten, join, or connect one thing to another
38. economic th\_\_t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
39. western phi\_\_\_\_hy *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
40. leave the house und\_\_\_\_ed *adj.* not perceived or discovered
41. pl\_\_k a gray hair *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers

ANSWERS: 31. brain, 32. attach, 33. scare, 34. separate, 35. daunting, 36. scare, 37. attach, 38. threat, 39. philosophy, 40. undetected, 41. pluck



42. pl\_\_k out weeds *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
43. evolutionary bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
44. ru\_\_r mill *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
45. industry-sp\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
46. co\_\_\_\_t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
47. a scholarship ass\_\_\_\_on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
48. a sop\_\_\_\_ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
49. la\_\_r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
50. sn\_\_f the air *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
51. political ram\_\_\_\_ion *n.* the act or process of branching out or dividing into branches

ANSWERS: 42. pluck, 43. biology, 44. rumor, 45. specific, 46. convert, 47. association, 48. sophisticated, 49. laser, 50. sniff, 51. ramification

52. bo\_\_ded with delight  
*v.* to move forward by leaps and bounds; to form the boundary of something
53. a ple\_\_\_\_\_le experience  
*adj.* giving satisfaction or pleasure; enjoyable
54. st\_\_w basket  
*n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.
55. ar\_\_\_\_\_ry size and shape  
*adj.* based on chance, or individual whim rather than any reason
56. r\_d the body of waste products  
*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
57. in\_\_\_\_\_l a door  
*v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
58. short video c\_\_p  
*n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
59. l\_b instrument  
*n.* a workplace for the conduct of scientific research; a laboratory
60. oc\_\_\_r examination  
*adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
61. de\_\_\_t a bad event  
*v.* to find or recognize something, especially something difficult to see, hear, etc.
62. ex\_\_\_\_\_ng news  
*adj.* causing a lot of interest or excitement
63. an indomitable sp\_\_\_t  
*n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

ANSWERS: 52. bound, 53. pleasurable, 54. straw, 55. arbitrary, 56. rid, 57. install, 58. clip, 59. lab, 60. ocular, 61. detect, 62. exciting, 63. spirit

64. am\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire
65. pre-mo\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
66. fairly ty\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things
67. la\_\_l a bag with my name *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
68. not to be seen no\_\_\_\_ys *adv.* at the current time, in comparison to the past
69. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
70. decision-making pr\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
71. me\_\_\_\_e a negotiation *v.* to try to bring about an agreement or understanding between people who are in conflict
72. er\_\_e a memory *v.* to remove something completely, especially by rubbing it
73. the branch of neu\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 64. amazing, 65. modern, 66. typical, 67. label, 68. nowadays, 69. lab, 70. process, 71. mediate, 72. erase, 73. neuroscience

74. refined sim\_\_\_\_\_ty *n.* the quality or condition of being natural and plain or easy to understand or do
75. im\_\_y the presence of alien *v.* to indicate the truth or existence of something without referring to it
76. z\_\_m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
77. ne\_\_\_l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
78. er\_\_ed the files *v.* to remove something completely, especially by rubbing it
79. have a very ple\_\_\_\_\_le time *adj.* giving satisfaction or pleasure; enjoyable
80. in\_\_\_t brain *adj.* undamaged and complete
81. de\_\_\_t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
82. g\_\_d student *n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university
83. young people no\_\_\_\_\_ys *adv.* at the current time, in comparison to the past
84. exp\_\_\_\_\_tal design *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
85. z\_p a huge target *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force

ANSWERS: 74. simplicity, 75. imply, 76. zoom, 77. neural, 78. erase, 79. pleasurable, 80. intact, 81. detect, 82. grad, 83. nowadays, 84. experimental, 85. zap

86. have an aw\_\_\_\_\_e birthday *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
87. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
88. z\_\_m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
89. et\_\_\_\_s of journalism *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
90. su\_\_\_\_\_ly attacked by an enemy *adv.* quickly and unexpectedly
91. in\_\_\_\_\_e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
92. un\_\_\_\_\_ed guests *adj.* not wanted or desired
93. de\_\_e forests *adj.* containing a large number of people or something with little space between them
94. vulnerable to man\_\_\_\_\_te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
95. pre\_\_\_\_\_on to authority *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
96. re\_\_t at a high temperature *v.* to take action in response to something
97. oc\_\_\_\_r symptoms *adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight

ANSWERS: 86. awesome, 87. biology, 88. zoom, 89. ethics, 90. suddenly, 91. involve, 92. unwanted, 93. dense, 94. manipulate, 95. pretension, 96. react, 97. ocular

98. en\_\_\_e in environmental protection activities      *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
99. sp\_\_\_t and the letter of the law      *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
100. re\_\_\_l his name      *v.* to remember something
101. visual rh\_\_\_\_\_in      *n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
102. run like h\_\_\_l      *n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
103. e\_\_\_t a video      *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
104. dy\_\_\_\_\_c person      *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
105. sh\_\_\_k-resistant      *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

ANSWERS: 98. engage, 99. spirit, 100. recall, 101. rhodopsin, 102. hell, 103. edit, 104. dynamic, 105. shock

106. permanent br\_\_n damage      *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
107. ex\_\_\_e rebellion      *v.* to make someone feel suddenly enthusiastic or eager
108. re\_\_x the album      *v.* to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item
109. as nu\_\_\_\_us as the sand      *adj.* amounting to a large indefinite number
110. cro\_\_\_\_\_ion view      *n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
111. a sl\_\_e of the company's revenue      *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
112. sp\_\_\_\_\_ss room      *adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
113. fr\_\_\_\_\_n status      *n.* a person who is not a serf or enslaved person and has the right to hold property and vote
114. re\_\_\_l the incident      *v.* to remember something
115. man\_\_\_\_\_te figures      *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way

ANSWERS: 106. brain, 107. excite, 108. remix, 109. numerous, 110. cross-section, 111. slice, 112. spotless, 113. freeman, 114. recall, 115. manipulate

116. fl____ng opportunity	<i>adj.</i> brief or temporary, lasting only a short time
117. em_____al distress	<i>adj.</i> relating to people's feelings
118. mo___n poetry	<i>adj.</i> of or belonging to the present time or recent times
119. cro_____ion diagram	<i>n.</i> a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
120. nu____us countries	<i>adj.</i> amounting to a large indefinite number
121. get r_d of the rats	<i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person
122. env_____nt affairs	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live
123. death from sh__k	<i>n.</i> a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
124. environmental th____t	<i>n.</i> a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 116. fleeting, 117. emotional, 118. modern, 119. cross-section, 120. numerous, 121. rid, 122. environment, 123. shock, 124. threat



125. ter\_\_\_\_\_ng experience *adj.* very frightening or intimidating
126. word ass\_\_\_\_\_ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
127. ig\_\_\_e a ban *v.* to intentionally not listen or pay attention to
128. inc\_\_\_\_\_ate the enemy *v.* to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
129. a sw\_\_t current of a river *adj.* happening, moving, or capable of moving quickly
130. baseball ce\_\_\_\_\_ty *n.* someone who is well-known, particularly in the entertainment industry
131. stuff of science fi\_\_\_\_\_n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
132. f\_y an egg *v.* to cook food, especially meat or fish, in hot fat or oil
133. a br\_\_\_\_\_p hug *n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections
134. a lo\_\_y peak *adj.* elevated in position, rank, or status; grand; elevated in style or language
135. in\_\_\_\_\_l a chairperson *v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

ANSWERS: 125. terrifying, 126. association, 127. ignore, 128. incapacitate, 129. swift, 130. celebrity, 131. fiction, 132. fry, 133. breakup, 134. lofty, 135. install

136. a vi\_\_\_\_l image *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
137. und\_\_\_\_\_ed cancer *adj.* not perceived or discovered
138. high school g\_\_d *n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university
139. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
140. not no\_\_\_\_\_ly drink much *adv.* usually; under normal conditions
141. tr\_\_h disposal site *n.* discarded material, refuse, or waste
142. pu\_\_e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
143. a selfish de\_\_\_\_\_on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
144. im\_\_y a strong correlation *v.* to indicate the truth or existence of something without referring to it
145. re\_\_t against his way of thinking *v.* to take action in response to something
146. the fo\_\_\_\_\_nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
147. he\_\_\_\_\_ht switch *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead

ANSWERS: 136. virtual, 137. undetected, 138. grad, 139. experiment, 140. normally, 141. trash, 142. pulse, 143. decision, 144. imply, 145. react, 146. footprint, 147. headlight

148. f\_y over low heat *v.* to cook food, especially meat or fish, in hot fat or oil
149. la\_\_\_\_y accepted *adv.* virtually entirely; to a large degree
150. the te\_\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
151. ina\_\_\_\_\_te the vaccine *v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
152. political un\_\_\_\_\_ne *n.* a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect
153. a friendly con\_\_\_\_\_ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
154. warm su\_\_\_\_\_ne *n.* the direct light and heat that comes from the sun
155. a circular mo\_\_\_\_\_nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
156. baby with se\_\_\_\_\_ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
157. lo\_\_y ambitions *adj.* elevated in position, rank, or status; grand; elevated in style or language

ANSWERS: 148. fry, 149. largely, 150. technique, 151. inactivate, 152. undertone, 153. conversation, 154. sunshine, 155. movement, 156. sensitive, 157. lofty

158. ram\_\_\_\_\_ions of the scenario *n.* the act or process of branching out or dividing into branches
159. die su\_\_\_\_\_ly *adv.* quickly and unexpectedly
160. inc\_\_\_\_\_te the current trends *v.* to include something as a part of a larger entity
161. field of vi\_\_\_\_\_l arts *adj.* relating to seeing or sight
162. an aw\_\_\_\_\_d date *adj.* making you feel uncomfortable or embarrassed; causing inconvenience or difficulty
163. sense of op\_\_\_\_\_sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
164. co\_\_\_\_\_ed of the idea *adj.* completely certain about something; having a strong belief or conviction in a particular religion
165. tem\_\_\_\_\_ly suspend the production *adv.* for a limited time only or not permanently
166. face the da\_\_\_\_\_ng reality *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
167. morning su\_\_\_\_\_ne *n.* the direct light and heat that comes from the sun
168. a ro\_\_\_\_\_t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

ANSWERS: 158. ramification, 159. suddenly, 160. incorporate, 161. visual, 162. awkward, 163. optimism, 164. convinced, 165. temporarily, 166. daunting, 167. sunshine, 168. robust

169. vi\_\_\_l navigation *adj.* relating to seeing or sight
170. in\_\_\_t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
171. take sw\_\_\_t action *adj.* happening, moving, or capable of moving quickly
172. t\_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
173. con\_\_\_\_\_ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
174. a strain of vi\_\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
175. re\_\_\_\_\_nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
176. di\_\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
177. t\_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
178. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 169. visual, 170. inject, 171. swift, 172. tap, 173. conversation, 174. virus, 175. represent, 176. discuss, 177. tap, 178. engineer

179. jo\_\_\_\_l articles *n.* a newspaper or magazine specialized in a specific topic or profession
180. re\_\_\_\_le each other *v.* to look like or be similar to someone or something
181. exp\_\_\_\_tal data *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
182. me\_\_y data *adj.* disorganized and untidy
183. an in\_\_\_\_ve volcano *adj.* not doing any or much physical activity; lying idle or unused
184. re\_\_\_\_ly operate *adv.* at a distance; not directly or easily accessible
185. a life of sim\_\_\_\_ty *n.* the quality or condition of being natural and plain or easy to understand or do
186. become in\_\_\_\_ve *adj.* not doing any or much physical activity; lying idle or unused
187. na\_\_\_\_te my stomach *v.* to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust
188. de\_\_\_\_d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
189. a dy\_\_\_\_c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
190. co\_\_\_\_ce an opponent *v.* to persuade someone or make someone believe that something is true

ANSWERS: 179. journal, 180. resemble, 181. experimental, 182. messy, 183. inactive, 184. remotely, 185. simplicity, 186. inactive, 187. nauseate, 188. defend, 189. dynamic, 190. convince

191. g\_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
192. et\_\_\_\_l quarreling *adj.* being without beginning or end; lasting forever
193. tie c\_\_p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
194. the characters that re\_\_\_\_nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
195. the hope of et\_\_\_\_l life *adj.* being without beginning or end; lasting forever
196. jum\_\_\_\_rt an economy *v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery
197. se\_\_\_\_te cream from milk *v.* to force, take, or pull apart; mark as different
198. lease in\_\_\_\_on *n.* the beginning or start of something; the point in time when something comes into existence
199. ti\_\_\_\_r with the settings *v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

ANSWERS: 191. gut, 192. eternal, 193. clip, 194. represent, 195. eternal, 196. jump-start, 197. separate, 198. inception, 199. tinker

200. bo\_\_d up a staircase      *v.* to move forward by leaps and bounds; to form the boundary of something
201. f\_\_p a coin      *v.* to turn over into a different position quickly; to throw or toss with a light motion
202. ha\_\_\_\_\_ck fire      *n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding
203. opt\_\_\_\_\_ics manipulation      *n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
204. complete no\_\_\_\_\_ly      *adv.* usually; under normal conditions
205. an et\_\_\_\_\_l doctrine      *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
206. lost in a ha\_\_\_\_\_ck      *n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding
207. photosensitive rh\_\_\_\_\_in      *n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
208. re\_\_\_\_\_le her mother      *v.* to look like or be similar to someone or something
209. for a fl\_\_\_\_\_ng moment      *adj.* brief or temporary, lasting only a short time
210. cry\_\_\_\_\_ze a concept      *v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

ANSWERS: 200. bound, 201. flip, 202. haystack, 203. optogenetics, 204. normally, 205. ethical, 206. haystack, 207. rhodopsin, 208. resemble, 209. fleeting, 210. crystallize



211. si___t reading	<i>adj.</i> without any or little sound
212. no____e else to go	<i>adv.</i> not in, at, or to any place; not anywhere
213. im____ry number	<i>adj.</i> existing only in someone's mind
214. de___d my country	<i>v.</i> to protect someone or something from attack, criticism, danger, etc.
215. a ne____ve number	<i>adj.</i> having the quality of something bad or harmful; expressing refusal
216. spread of the vi__s	<i>n.</i> a tiny infectious organic material that causes disease in people, animals, and plants
217. ro___t growth	<i>adj.</i> sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
218. scientific jo____l	<i>n.</i> a newspaper or magazine specialized in a specific topic or profession
219. ne___e prick	<i>n.</i> a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
220. ty____l leader	<i>adj.</i> having the usual characteristics or traits of a specific group of things
221. sl__e a tomato thin	<i>n.</i> a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
222. sop____ted look	<i>adj.</i> having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

ANSWERS: 211. silent, 212. nowhere, 213. imaginary, 214. defend, 215. negative, 216. virus, 217. robust, 218. journal, 219. needle, 220. typical, 221. slice, 222. sophisticated

223. sp\_\_\_\_ss reputation *adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy
224. involvement of the hip\_\_\_\_\_us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
225. connecting the d\_ts *n.* a very small circular mark, especially one that is printed
226. jum\_\_\_\_\_rt a career *v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery
227. a mailing la\_\_l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
228. bl\_\_k in astonishment *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
229. ev\_\_\_\_\_ve memories *adj.* tending to evoke or bring something to mind
230. he\_\_\_\_\_ht adjustment *n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
231. a te\_\_\_\_\_ue in martial arts *n.* a particular way or art of doing something that needs skill
232. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 223. spotless, 224. hippocampus, 225. dot, 226. jump-start, 227. label, 228. blink, 229. evocative, 230. headlight, 231. technique, 232. engineer

233. b\_\_m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
234. a weak pu\_\_e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
235. ac\_\_\_\_de ceremony *n.* an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement
236. professional ac\_\_\_\_de *n.* an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement
237. phi\_\_\_\_\_hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
238. me\_\_\_\_e allergic reaction *v.* to try to bring about an agreement or understanding between people who are in conflict
239. vi\_\_\_\_al organ *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
240. an aw\_\_\_\_d expression *adj.* making you feel uncomfortable or embarrassed; causing inconvenience or difficulty

ANSWERS: 233. beam, 234. pulse, 235. accolade, 236. accolade, 237. philosophy, 238. mediate, 239. visceral, 240. awkward

241. sewing ne\_\_\_e *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
242. co\_\_\_\_\_ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
243. z\_p bar code *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
244. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
245. ig\_\_\_e her advice *v.* to intentionally not listen or pay attention to
246. in\_\_\_t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
247. pos\_\_\_\_\_ty for growth *n.* a chance that something may happen or be true
248. pha\_\_\_\_\_ogy textbook *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
249. tr\_\_h bin *n.* discarded material, refuse, or waste
250. f\_\_p over the pork chop *v.* to turn over into a different position quickly; to throw or toss with a light motion

ANSWERS: 241. needle, 242. convinced, 243. zap, 244. experiment, 245. ignore, 246. inject, 247. possibility, 248. pharmacology, 249. trash, 250. flip



259. ti\_\_\_r with the bill      *v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way
260. nutrient-de\_\_\_e foods      *adj.* containing a large number of people or something with little space between them
261. baseless pre\_\_\_\_\_on      *n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
262. fo\_\_\_\_\_nts in the snow      *n.* a mark of a foot, shoe, or animal's foot left on a surface
263. control re\_\_\_\_\_ly      *adv.* at a distance; not directly or easily accessible
264. political et\_\_\_s      *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
265. re\_\_x a couple of tracks      *v.* to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item
266. sn\_\_f the perfume      *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
267. chaotic env\_\_\_\_\_nt      *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 259. tinker, 260. dense, 261. pretension, 262. footprint, 263. remotely, 264. ethics, 265. remix, 266. sniff, 267. environment

268. a false ru\_\_r *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
269. pr\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
270. fr\_\_\_\_n rights *n.* a person who is not a serf or enslaved person and has the right to hold property and vote
271. ev\_\_\_\_ve language *adj.* tending to evoke or bring something to mind
272. mys\_\_\_\_us stranger *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
273. co\_\_\_\_t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
274. pos\_\_\_\_ty of a major earthquake *n.* a chance that something may happen or be true
275. phy\_\_\_\_ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
276. e\_\_t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
277. trading of vi\_\_\_\_l currencies *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

ANSWERS: 268. rumor, 269. process, 270. freeman, 271. evocative, 272. mysterious, 273. convert, 274. possibility, 275. physically, 276. edit, 277. virtual

278. mo\_\_\_\_\_nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
279. pr\_\_\_\_\_le in business *n.* a fundamental law or truth that explains or controls how something happens or works
280. a theoretical concept in neu\_\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
281. de\_\_\_\_\_on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
282. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
283. la\_\_\_\_\_y mitigate the issue *adv.* virtually entirely; to a large degree
284. come out of no\_\_\_\_\_e *adv.* not in, at, or to any place; not anywhere
285. im\_\_\_\_\_ry pregnancy *adj.* existing only in someone's mind
286. di\_\_\_\_\_s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
287. d\_t blot method *n.* a very small circular mark, especially one that is printed
288. have a ne\_\_\_\_\_ve effect *adj.* having the quality of something bad or harmful; expressing refusal

ANSWERS: 278. movement, 279. principle, 280. neuroscience, 281. decision, 282. principle, 283. largely, 284. nowhere, 285. imaginary, 286. discuss, 287. dot, 288. negative



289. aw\_\_\_\_e mental faculty *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
290. political op\_\_\_\_sm *n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation
291. mys\_\_\_\_us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
292. sp\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
293. ter\_\_\_\_ng events *adj.* very frightening or intimidating
294. shoulder et\_\_\_\_l responsibility *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

ANSWERS: 289. awesome, 290. optimism, 291. mysterious, 292. specific, 293. terrifying, 294. ethical

## Session 3: Fill in the Blanks

1. The injury sustained during the game could \_\_\_\_\_ the player for the rest of the season.
  - v. to disable or render someone or something unable to function or operate normally, either temporarily or permanently, often as a result of injury, illness, or damage
  
2. To expand the company, we must \_\_\_\_ new human resources.
  - v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
  
3. Who answers \_\_\_\_\_ knows little.
  - adv. quickly and unexpectedly
  
4. The \_\_\_\_\_ of the dancers on stage was graceful and elegant.
  - n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
  
5. He threw away the \_\_\_\_\_ items in his closet.
  - adj. not wanted or desired
  
6. The new president was \_\_\_\_\_ immediately after the national election.
  - v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
  
7. He fastens some sheets of paper with a \_\_\_\_\_.
  - n. a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

ANSWERS: 1. incapacitate, 2. tap, 3. suddenly, 4. movement, 5. unwanted, 6. installed, 7. clip

8. He \_\_\_\_\_ in the dazzling sunlight.

- v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

9. I've been thinking all day and getting \_\_\_\_\_.

- adv.* not in, at, or to any place; not anywhere

10. The product developed through years of research continues to \_\_\_\_\_ the market.

- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

11. She is the \_\_\_\_\_ president of the company.

- adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

12. They provided allies with powerful weapons that could \_\_\_\_ the enemy from thousands of miles away.

- v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force

13. He \_\_\_\_\_ back in time to the soccer game.

- v.* to move along very quickly; (noun) the act of rising upward into the air

14. He got an electric \_\_\_\_\_ at work.

- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

15. The \_\_\_\_\_ of severe weather prompted the city to issue an evacuation warning.

- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 8. blinked, 9. nowhere, 10. electrify, 11. virtual, 12. zap, 13. zoomed, 14. shock, 15. threat

16. Human \_\_\_\_\_ responses vary widely depending on the society to which they belong.

*adj.* relating to people's feelings

17. He \_\_\_\_\_ the tracks to give them a jazz feel.

*v.* to compose a piece of media that has been altered or contorted from its original state by adding, removing, or changing elements of the item

18. The politician remained \_\_\_\_\_ despite intense media scrutiny.

*adj.* without any or little sound

19. I need to \_\_\_\_\_ this document before submitting it to my boss.

*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

20. His \_\_\_\_\_ bedroom is always a source of frustration for his mother.

*adj.* disorganized and untidy

21. The experiment yielded \_\_\_\_\_ results that support his theory.

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

22. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.

*n.* a tiny infectious organic material that causes disease in people, animals, and plants

23. Medical professionals must stay up-to-date with the latest developments in \_\_\_\_\_ to ensure optimal patient care.

*n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

ANSWERS: 16. emotional, 17. remixed, 18. silent, 19. edit, 20. messy, 21. robust, 22. virus, 23. pharmacology

24. Nevada is \_\_\_\_\_ a desert state.

*adv.* virtually entirely; to a large degree

25. The \_\_\_\_\_ is crucial for learning and memory storage.

*n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory

26. The speech had a subtle \_\_\_\_\_ of criticism that didn't go unnoticed by the audience.

*n.* a low or muted tone or sound, often suggesting an underlying emotion, message, or meaning that is not explicitly stated; a subtle or subdued quality or aspect

27. The \_\_\_\_\_ design of the interface made the operation difficult.

*adj.* making you feel uncomfortable or embarrassed; causing inconvenience or difficulty

28. Your \_\_\_\_\_ reflects your thoughts.

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

29. He liked the car because of the \_\_\_\_\_ of the design.

*n.* the quality or condition of being natural and plain or easy to understand or do

30. In every civilization, rulers have tried everything possible to obtain \_\_\_\_\_ life.

*adj.* being without beginning or end; lasting forever

31. There is considerable \_\_\_\_\_ that the economy will recover soon.

*n.* a feeling or the belief that good things will happen, or the quality of being full of hope and emphasizing the positive aspects of a situation

ANSWERS: 24. largely, 25. hippocampus, 26. undertone, 27. awkward, 28. conversation, 29. simplicity, 30. eternal, 31. optimism

32. The city is taking measures to reduce the amount of \_\_\_\_\_ in the streets.

*n.* discarded material, refuse, or waste

33. Doctors made mistakes, and diseases remained \_\_\_\_\_.

*adj.* not perceived or discovered

34. Despite the scandals, his reputation remained \_\_\_\_\_.

*adj.* undamaged and complete

35. These descriptions are based on a number of \_\_\_\_\_ assumptions.

*adj.* amounting to a large indefinite number

36. The acupuncturist inserted \_\_\_\_\_ into specific points on my body to alleviate my pain.

*n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

37. This scripture provides the code of \_\_\_\_\_ for the religion.

*n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

38. He told me a \_\_\_\_\_ truth about my parent's death.

*n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

39. The movie has received almost universally \_\_\_\_\_ criticism.

*adj.* having the quality of something bad or harmful; expressing refusal

ANSWERS: 32. trash, 33. undetected, 34. intact, 35. numerous, 36. needles, 37. ethics, 38. gut-wrenching, 39. negative

40. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
41. She \_\_\_\_\_ the flowers off the bush.
- v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
42. Her voice was \_\_\_\_\_ yet ever the last words fell lingeringly.
- adj.* happening, moving, or capable of moving quickly
43. His membership in the \_\_\_\_\_ provided him with numerous benefits.
- n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
44. Jockey's superior \_\_\_\_\_ brought him victory.
- n.* a particular way or art of doing something that needs skill
45. I don't \_\_\_\_\_ take a vacation in the middle of summer.
- adv.* usually; under normal conditions
46. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
47. He does not \_\_\_\_\_ importance to these rumors.
- v.* to fasten, join, or connect one thing to another

ANSWERS: 40. process, 41. plucked, 42. swift, 43. association, 44. technique, 45. normally, 46. principle, 47. attach

48. The chronic back pain forced him to live an \_\_\_\_\_ life.  
*adj.* not doing any or much physical activity; lying idle or unused
49. The public is \_\_\_\_\_ that the prime minister has committed fraud.  
*adj.* completely certain about something; having a strong belief or conviction in a particular religion
50. He \_\_\_\_\_ when he heard that he had been accepted into the university.  
*v.* to turn over into a different position quickly; to throw or toss with a light motion
51. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.  
*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
52. Many multinational companies are \_\_\_\_\_ in the reconstruction of that country.  
*v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
53. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
54. The teacher is very \_\_\_\_\_ to children's feelings.  
*adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
55. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
56. She savored the \_\_\_\_\_ happiness she felt during the vacation.  
*adj.* brief or temporary, lasting only a short time

ANSWERS: 48. inactive, 49. convinced, 50. flipped, 51. discuss, 52. engaged, 53. biology, 54. sensitive, 55. lab, 56. fleeting



57. The security camera has \_\_\_\_\_ four intruders.

*v.* to find or recognize something, especially something difficult to see, hear, etc.

58. The golfer recorded an \_\_\_\_\_ distance.

*adj.* extremely surprising, especially in a way that you like or admire

59. I am considering what I should do to \_\_\_\_\_ him.

*v.* to persuade someone or make someone believe that something is true

60. Ethics is a branch of \_\_\_\_\_.

*n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

61. The findings of the experiment were both \_\_\_\_\_ and unexpected.

*adj.* causing a lot of interest or excitement

62. She vividly \_\_\_\_\_ getting laid off several years ago.

*v.* to remember something

63. Let's try to \_\_\_\_\_ a bit of enthusiasm into your performance.

*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

64. The sprinter has a \_\_\_\_\_ way of running.

*adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

65. Little children tend to have \_\_\_\_\_ friends.

*adj.* existing only in someone's mind

ANSWERS: 57. detected, 58. amazing, 59. convince, 60. philosophy, 61. exciting, 62. recalls, 63. inject, 64. dynamic, 65. imaginary

66. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.

*v.* to force, take, or pull apart; mark as different

67. Since independence, the area has been completely \_\_\_\_\_.

*v.* to intentionally not listen or pay attention to

68. Marketing strategies are growing more \_\_\_\_\_.

*adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

69. Canada \_\_\_\_\_ on the United States.

*v.* to move forward by leaps and bounds; to form the boundary of something

70. Truth is stranger than \_\_\_\_\_.

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

71. The \_\_\_\_\_ on the food package lists the ingredients and nutritional information.

*n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

72. The music was \_\_\_\_\_ of a bygone era.

*adj.* tending to evoke or bring something to mind

73. After using the new \_\_\_\_\_ lens, the photographer took extremely sharp and detailed pictures.

*adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight

ANSWERS: 66. separate, 67. ignored, 68. sophisticated, 69. bounds, 70. fiction, 71. label, 72. evocative, 73. ocular

74. The cardiac monitor displays the intensity of your \_\_\_\_\_.
- n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
75. My car's \_\_\_\_\_ must be replaced before I drive again at night.
- n.* a bright forward-facing light on a vehicle, typically used at night to illuminate the road ahead
76. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.
- v.* to include or affect someone or something as a necessary part of something else
77. International law allows each nation to \_\_\_\_\_ itself when its rights and interests are illegally violated.
- v.* to protect someone or something from attack, criticism, danger, etc.
78. The brothers \_\_\_\_\_ each other in the hobby.
- v.* to look like or be similar to someone or something
79. The sun's \_\_\_\_\_ shone through the window and illuminated the room.
- n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
80. The \_\_\_\_\_ was so bright that I had to wear sunglasses to protect my eyes.
- n.* the direct light and heat that comes from the sun
81. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 74. pulse, 75. headlight, 76. involves, 77. defend, 78. resemble, 79. beam, 80. sunshine, 81. specific

82. After watching the horror movie, she had a \_\_\_\_\_ reaction and couldn't sleep all night.

*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

83. The court's decision had many unforeseen \_\_\_\_\_.

*n.* the act or process of branching out or dividing into branches

84. My homework was \_\_\_\_\_ and complex, but it was also intriguing.

*adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

85. There is a lot of \_\_\_\_\_ nature and food in Hawaii.

*adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.

86. Despite their tragic loss, the family is showing great \_\_\_\_\_.

*n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

87. The dog stopped to \_\_\_\_\_ around the tree, looking for something interesting.

*v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

88. The company holds patents on core components of \_\_\_\_\_ jet printers.

*n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

89. We hit the ground to \_\_\_\_\_ out the rabbits.

*v.* to frighten a person or animal, or to become frightened

ANSWERS: 82. visceral, 83. ramifications, 84. daunting, 85. awesome, 86. spirit, 87. sniff, 88. laser, 89. scare

90. The president must have the highest \_\_\_\_\_ standards.

*adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

91. She devoted herself to \_\_\_\_\_ the chicken in a pan until it was crispy and golden brown.

*v.* to cook food, especially meat or fish, in hot fat or oil

92. The company can \_\_\_\_\_ access its employees' computers for troubleshooting purposes.

*adv.* at a distance; not directly or easily accessible

93. The children played hide and seek in the \_\_\_\_\_ in the barnyard.

*n.* a large mound of hay, usually stacked in a conical or cylindrical shape, used for animal feed or bedding

94. He got over the big \_\_\_\_\_ with his wife.

*n.* the end of a relationship between persons or nations; the separation of something into several pieces or sections

95. The salespeople speak in technical terms to \_\_\_\_\_ that they are more knowledgeable than the customer.

*v.* to indicate the truth or existence of something without referring to it

96. I want to \_\_\_\_\_ my sadness into strength.

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

97. In the colonial period, only \_\_\_\_\_ was allowed to vote.

*n.* a person who is not a serf or enslaved person and has the right to hold property and vote

ANSWERS: 90. ethical, 91. frying, 92. remotely, 93. haystacks, 94. breakup, 95. imply, 96. convert, 97. freeman

98. He was proud to be a \_\_\_\_\_ of the prestigious university.

*n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university

99. The \_\_\_\_\_ will repair my telephone tomorrow morning.

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

100. There was a disturbance of \_\_\_\_\_ function.

*adj.* of or relating to a nerve or the nervous system that includes the brain

101. Large earthquakes often generate \_\_\_\_\_ tsunamis.

*adj.* very frightening or intimidating

102. We will attempt to \_\_\_\_\_ some of your suggestions into our future strategy.

*v.* to include something as a part of a larger entity

103. The car dealership advertised \_\_\_\_\_ cars that looked brand new.

*adj.* perfectly clean and free of any blemish, defect, or dirt; impeccably neat and tidy

104. How did he \_\_\_\_\_ to your idea?

*v.* to take action in response to something

105. She was struggling to make a \_\_\_\_\_ between two job offers.

*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

106. The teacher had to \_\_\_\_\_ a disagreement between two students over a stolen pencil.

*v.* to try to bring about an agreement or understanding between people who are in conflict

ANSWERS: 98. grad, 99. engineer, 100. neural, 101. terrifying, 102. incorporate, 103. spotless, 104. react, 105. decision, 106. mediate

107. There was a baseless \_\_\_\_\_ that the company was going bankrupt.  
*n.* a piece of unverified information of uncertain origin that is spread by word of mouth
108. He collected data to avoid \_\_\_\_\_ decisions.  
*adj.* based on chance, or individual whim rather than any reason
109. This artwork is \_\_\_\_\_ of her work.  
*adj.* having the usual characteristics or traits of a specific group of things
110. Light entering the eye causes a chemical change in the \_\_\_\_\_ which begins the vision process.  
*n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
111. The \_\_\_\_\_ of the tree trunk showed its growth rings.  
*n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
112. His \_\_\_\_\_ goals were admirable but unrealistic.  
*adj.* elevated in position, rank, or status; grand; elevated in style or language
113. The recent advances in \_\_\_\_\_ research have paved the way for a deeper understanding of neuronal functions.  
*n.* a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research

ANSWERS: 107. rumor, 108. arbitrary, 109. typical, 110. rhodopsin, 111. cross-section, 112. lofty, 113. optogenetics

114. Having a \_\_\_\_\_ healthy physique is essential for a great life.

*adv.* in a way related to a person's body or appearance rather than their mind

115. The children complained because one \_\_\_\_\_ of cake was slightly larger than the other.

*n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

116. The building makes a remarkable \_\_\_\_\_ impact.

*adj.* relating to seeing or sight

117. We must \_\_\_\_ ourselves of pollution.

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

118. Please tell me how to \_\_\_\_\_ this computer.

*v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way

119. He attempted to \_\_\_\_\_ the misspelled word.

*v.* to remove something completely, especially by rubbing it

120. The popularity of the show made her an instant \_\_\_\_\_.

*n.* someone who is well-known, particularly in the entertainment industry

121. I had to \_\_\_\_\_ my car's battery this morning because it was dead.

*v.* to start or revitalize something stagnant or slow-moving, often by introducing new ideas or energy; to kick-start a car or other vehicle by connecting it to another vehicle's battery

ANSWERS: 114. physically, 115. slice, 116. visual, 117. rid, 118. manipulate, 119. erase, 120. celebrity, 121. jump-start



122. His \_\_\_\_\_ of being a gourmet were quickly exposed when he could not identify basic herbs and spices.
- n.* the act of claiming or asserting something, especially without good reason or without evidence; an unfounded or excessive claim or ambition
123. The system for purifying the air uses UV light to \_\_\_\_\_ microorganisms.
- v.* to make something idle or inoperative; to release from military service or remove from the active list of military service
124. Their headquarters are in a \_\_\_\_\_ skyscraper.
- adj.* of or belonging to the present time or recent times
125. The actor received an \_\_\_\_\_ for his outstanding performance in the play.
- n.* an expression of praise, honor, or approval, often in the form of an award or ceremonial gesture; a sign of recognition or achievement
126. The idea for the company was formed at its \_\_\_\_\_ and has since grown into a successful business.
- n.* the beginning or start of something; the point in time when something comes into existence
127. He spent the afternoon \_\_\_\_\_ with his car engine.
- v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way
128. Our marital life was full of happiness and \_\_\_\_\_ excitement.
- adj.* giving satisfaction or pleasure; enjoyable
129. The \_\_\_\_\_ hat protected her face from the sun while she worked in the fields.
- n.* dry stalks of cereal plants used as fodder, fuel, basket, etc.

ANSWERS: 122. pretensions, 123. inactivate, 124. modern, 125. accolade, 126. inception, 127. tinkering, 128. pleasurable, 129. straw

130. The \_\_\_\_\_ of getting the disease will drastically increase.

*n.* a chance that something may happen or be true

131. Our university is famous for its professors, who are well-versed in behavioral \_\_\_\_\_.

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

132. The entire mountain is covered in \_\_\_\_\_ rainforest.

*adj.* containing a large number of people or something with little space between them

133. His \_\_\_\_\_ showed highly positive results.

*n.* the scientific test conducted to observe what happens and gain new knowledge

134. Some athletes take anabolic steroids to increase muscle size \_\_\_\_\_.

*adv.* for a limited time only or not permanently

135. The roller coaster ride was so intense that it \_\_\_\_\_ some passengers.

*v.* to cause feelings of nausea or sickness; to feel sick or queasy; to cause repugnance or disgust

136. X-rays revealed a small tumor in his \_\_\_\_\_.

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

137. The battlefield became \_\_\_\_\_ on earth.

*n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place

ANSWERS: 130. possibility, 131. neuroscience, 132. dense, 133. experiments, 134. temporarily, 135. nauseated, 136. brain, 137. hell

138. The news of her promotion \_\_\_\_\_ her.

*v.* to make someone feel suddenly enthusiastic or eager

139. As the sugar water cools, it will slowly \_\_\_\_\_ into rock candy.

*v.* to form crystals from a liquid or solution; to become clear or definite in form or structure; to solidify

140. We choose transportation that has a smaller carbon \_\_\_\_\_.

*n.* a mark of a foot, shoe, or animal's foot left on a surface

141. People can clone a sheep \_\_\_\_\_.

*adv.* at the current time, in comparison to the past

142. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

143. We elected him to \_\_\_\_\_ us at the international conference.

*v.* to speak, act, or be present on behalf of another person or group; to form or constitute

144. The wallpaper had a pattern of pink \_\_\_\_\_ on a white surface.

*n.* a very small circular mark, especially one that is printed

145. The product is still in the \_\_\_\_\_ stage.

*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

146. The physician is reading the \_\_\_\_\_ related to medicine

*n.* a newspaper or magazine specialized in a specific topic or profession

ANSWERS: 138. excited, 139. crystallize, 140. footprint, 141. nowadays, 142. environment, 143. represent, 144. dots, 145. experimental, 146. journals

147. The \_\_\_\_\_ disappearance of the ship remains unsolved.

*adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

ANSWERS: 147. mysterious