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## Vocabulary Builder Reference from...

*Siddharthan Chandran: Can the damaged brain repair itself? | TED Talk*

[https://www.ted.com/talks/siddharthan\\_chandran\\_can\\_the\\_damaged\\_brain\\_repair\\_itself](https://www.ted.com/talks/siddharthan_chandran_can_the_damaged_brain_repair_itself)

### All Words

#### IMPORTANT

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## Session 1: Word List

### dam

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

*synonym* : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

### 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**.

### 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.

### neurology

*n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

*synonym* : brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

## patient

*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

*synonym*: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

## devastating

*adj.* causing a great deal of destruction or damage

*synonym*: destructive, annihilative, disastrous

(1) have **devastating** effects, (2) treat this **devastating** disease

This typhoon was the most **devastating** in years.

## treatment

*n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

*synonym*: remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

## disease

*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

*synonym*: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

## Alzheimer

*n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

*synonym*: dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

## obvious

*adj.* easy to see, discover or understand

*synonym* : apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

## damage

*v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

*synonym* : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

## atrophy

*n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse

*synonym* : disintegration, degeneration, wasting away

(1) weakness with **atrophy**, (2) **atrophy** of the muscles

Daily exercise and adequate sleep are necessary to prevent the progression of **atrophy**.

## scar

*n.* a mark that remains on the skin after a wound has healed

*synonym* : blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

## equivalent

*n.* having the same value, quality, meaning, purpose, etc.

*synonym* : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

## sclerotic

*adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection,

disease, or aging

*synonym* : hardened, rigid, stiff

(1) **sclerotic** lesion, (2) **sclerotic** plaques

The **sclerotic** arteries in his legs made it difficult for him to walk long distances.

## motor

*n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

*synonym* : actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

*synonym* : nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

## disorder

*n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

*synonym* : chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

## 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.

## 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.

## relate

*v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

*synonym* : connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

## individual

*n.* a single person or thing, as distinct from a group

*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## societal

*adj.* relating to society or social relationships

*synonym* : social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The **societal** pressure to conform is strong in this community.

## medical

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

*synonym* : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

## terribly

*adv.* very badly; to a great extent or very much

*synonym* : awfully, abominably, badly

(1) suffer **terribly**, (2) I am **terribly** sorry  
His arm was swollen and **terribly** red.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym* : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**  
He suffers from **nervous** breakdowns.

## myelin

*n.* a white fatty substance that covers around nerves, helping them to send signals effectively

*synonym* : medulla

(1) **myelin** encasing the axons, (2) **myelin** protein  
**Myelin** sheath allows electrical impulses to travel quickly and efficiently along the nerve cells.

## insulate

*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

*synonym* : isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity  
We had our bedroom **insulated** before winter came.

## harmony

*n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

*synonym* : balance, accord, congruence

(1) a **harmony** of colors, (2) break a **harmony**  
We worked in perfect **harmony**.

## extraordinary

*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

*synonym* : exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather  
He narrated the **extraordinary** story of his adventure.

## symphony

*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called

movements

*synonym* : orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**

The frequent performances of the **symphony** prove its popularity.

## electrical

*adj.* relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

## underpin

*v.* to support or strengthen the foundations of something

*synonym* : support, foundation, base

(1) **underpin** a structure, (2) **underpin** democratization

The research findings **underpin** the theory that human activities cause global warming.

## emote

*v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions

*synonym* : express, communicate, convey

(1) **emote** salute, (2) **emote** through art

The actor could **emote** a wide range of emotions on screen, earning them critical acclaim.

## rogue

*n.* a deceitful and unreliable person; a person who behaves badly

*synonym* : baddie, con artist, crook

(1) a **rogue** detective, (2) **rogue** state

The president states emphatically that the opponent country is a **rogue** state that supports terrorism.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym* : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

## evident

*adj.* apparent to the mind, senses, or judgment

*synonym* : apparent, noticeable, obvious

(1) **evident** to all, (2) plainly **evident**

With **evident** joy, he signed his name.

## conduct

*v.* to organize and carry out a particular activity

*synonym* : behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research

Police will **conduct** random breath testing for drunk driving.

## ultimate

*adj.* furthest or highest in degree or order

*synonym* : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

## manifest

*v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions

*synonym* : exhibit, make plain, demonstrate

(1) **manifest** as the word, (2) **manifest** displeasure

The Prime Minister **manifested** his regret for his neighbors

## illustration

*n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something

*synonym* : picture, diagram, explanation

(1) educational **illustration**, (2) **illustration** artist

The **illustration** in the book helped me understand the concept better.

## clinic

*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

*synonym* : hospital, infirmary



(1) visit to the veterinary **clinic**, (2) a dental **clinic**  
She holds a **clinic** on Tuesday mornings.

## initial

*adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name

*synonym*: basic, primary, beginning

(1) **initial** velocity, (2) an **initial** letter

They took the **initial** step toward reconciliation.

## diagnose

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

*synonym*: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

## difficulty

*n.* a condition or state that causes problems

*synonym*: hardship, complication, problem

(1) the degree of **difficulty**, (2) **difficulty** in breathing

He has **difficulty** exercising because of a back injury sustained in an accident.

## eventually

*adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

*synonym*: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

## predicament

*n.* a difficult, unpleasant, or embarrassing situation

*synonym*: situation, quandary, plight

(1) tragic **predicament**, (2) **predicament** decision

He was in a **predicament** and didn't know how to escape it.

## wheelchair

*n.* a chair fitted with large wheels for use as a means of transport by a person who is unable to walk

(1) electric-powered **wheelchair**, (2) **wheelchair** accessibility

This library rents out various types of folding **wheelchairs** for visitors.

## 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**.

## consequence

*n.* the outcome of a particular action or event, especially relative to an individual

*synonym*: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

## shocking

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

*synonym*: startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

## pace

*n.* the speed at which someone or something moves, or the rate at which something happens or changes

*synonym*: gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

## render

*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

*synonym*: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void  
The jury must **render** a decision on this complex case.

## respire

v. to breathe; to inhale and exhale air; to live

*synonym*: breathe, inhale, exhale

(1) **respire** deeply, (2) unable to **respire** on my own  
The scuba diver needed to follow the proper techniques to **respire** while exploring the underwater world.

## dependent

*adj.* relying on someone or something else for support or aid

*synonym*: reliant, subject, subordinate

(1) dose- **dependent** induction, (2) a **dependent** person  
The small island nation is heavily **dependent** on tourism as its main source of income.

## scan

v. to examine something hastily, with the eyes or with a machine, to get information

*synonym*: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF  
She stood on the podium and **scanned** an audience.

## superimpose

v. to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system

*synonym*: overlay, impose, place over

(1) **superimpose** image, (2) **superimpose** text  
The graphic designer will **superimpose** the logo over the image in the brochure.

## lesion

n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease

*synonym*: injury, wound, damage

(1) muscle **lesion**, (2) brain **lesion**  
The doctor examined the **lesion** on the patient's skin to determine if it was cancerous.

## bleak

*adj.* unlikely to be favorable; unpleasantly cold and damp; offering little or no hope

*synonym* : miserable, pathetic, dim

(1) prospects were **bleak**, (2) **bleak** future

The political landscape looks **bleak** without a change of administration.

## depress

*v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active

*synonym* : sadden, discourage, deflate

(1) **depress** their spirits, (2) **depress** crop prices

The economic recession **depressed** the housing market.

## tale

*n.* a story made up in someone's imagination, especially one full of action and adventure

*synonym* : canard, fiction, fable

(1) a fairy **tale**, (2) **tale** of horror

Ghosts in folk **tales** are almost always malicious.

## ridiculous

*adj.* very silly or unreasonable and deserving to be laughed at

*synonym* : absurd, fatuous, foolish

(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion

Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.

## sect

*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym* : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## illustrate

*v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation

*synonym* : demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

## 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.

## mass

*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

*synonym* : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

## crucial

*adj.* extremely vital or necessary

*synonym* : essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

## highlight

*v.* to make something prominent, mainly so that people give it more attention

*synonym* : feature, emphasize, stress

(1) **highlight** a string in red, (2) **highlight** an important difference

The introduction **highlighted** the speaker's distinguished career as a consultant

## pale

*adj.* having skin that is very light colored; lacking in vitality or interest or effectiveness

*synonym* : sallow, faint, ashen

(1) a **pale** complexion, (2) **pale** pink  
She turned **pale** when she heard the news.

## spite

*n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty

*synonym* : malice, ill will, vindictiveness

(1) bear **spite** against him, (2) die in **spite** of intensive care  
He did it out of **spite**, to annoy me.

## spontaneous

*adj.* happening or being done naturally, often unexpected way, without being made to happen

*synonym* : willing, impulsive, intuitive

(1) a **spontaneous** behavior, (2) **spontaneous** labor  
The crowd broke out into **spontaneous** laughter.

## stem

*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

*synonym* : branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick  
A rose has thorns on its **stem**.

## insulation

*n.* the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this

*synonym* : cushioning, covering, nonconductor

(1) additional sound **insulation**, (2) **insulation** board  
He installed fiberglass **insulation** in the wall.

## observation

*n.* the act or activity of carefully examining or monitoring something or someone

*synonym* : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument  
In the hospital, she will remain under constant **observation**.

## orthodoxy

*n.* adherence to a conventional or widely accepted set of beliefs or practices, especially in religion or politics; the accepted or established doctrine or teachings of a particular group or institution

*synonym*: conformity, traditionalism, conservatism

(1) religious **orthodoxy**, (2) intellectual **orthodoxy**

The church's **orthodoxy** on certain issues was deeply ingrained.

## liver

*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

## therapy

*n.* the act of caring for someone through medication, remedial training, etc.

*synonym*: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

## rocket

*n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

*synonym*: projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

## promote

*v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

*synonym*: boost, raise, advertise

(1) **promote** a better relationship, (2) **promote** bad behavior

The government should do more to **promote** sustainable agribusiness.

## endogenous

*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

*synonym* : endogenic, innate, internal

(1) **endogenous** growth, (2) **endogenous** opioid system

**Endogenous** factors like genetics and personality are key in determining our behavior.

## complexity

*n.* the state or quality of being complicated or intricate and difficult to understand

*synonym* : intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

## develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym* : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## risky

*adj.* involving the possibility of danger, failure, or loss

*synonym* : dangerous, perilous, scary

(1) change **risky** behavior, (2) a **risky** enterprise

It is extremely **risky** to sail in such a storm.

## bet

*v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

*synonym* : stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future

I **bet** that you know it.



## odds

*n.* the degree or probability that a particular thing will or will not happen

*synonym*: chances, likelihoods, probabilities

(1) **odds** in favor, (2) **odds** of business

What are the **odds** that he will survive?

## roughly

*adv.* approximately but not precisely; with a violent manner

*synonym*: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

## compound

*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

*synonym*: combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

## bottleneck

*n.* a narrow or busy section of road or a junction where the traffic often gets slower and stops; anything that slows down development or progress, especially in business or industry

*synonym*: blockage, obstacle, barrier

(1) performance **bottleneck**, (2) **bottleneck** in production

Memory bandwidth is a significant **bottleneck** in this computational simulation.

## discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym*: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

## humankind

*n.* the whole of the living human inhabitants of the earth

*synonym*: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**  
On the geological time scale, **humankind** has existed for a brief moment.

## papal

*adj.* relating to the pope (= the head of the Roman Catholic Church) or the Roman Catholic Church

*synonym*: pontifical, papistic, apostolical

(1) **papal** authority, (2) **papal** visit

The **papal** palace was a grand and imposing structure.

## absolutely

*adv.* without restriction or limitation; completely or utterly

*synonym*: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

## specifically

*adv.* only associated with or meant for one thing

*synonym*: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

## renew

*v.* to begin or resume something again after an interruption

*synonym*: renovate, restore, revitalize

(1) **renew** a contract, (2) **renew** its corporate image

I have to **renew** my passport by the middle of September.

## harness

*v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

*synonym*: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

## undoubtedly

*adv.* without a doubt; certainly; definitely

*synonym* : surely, unquestionably, indisputably

(1) **undoubtedly** successful, (2) **undoubtedly** talented

The singer's talent is **undoubtedly** one of the greatest in the music industry

## 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**.

## clone

*n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

*synonym* : duplicate, imitation, reproduction

(1) **clone** embryo, (2) recombinant **clone**

He is like an exact **clone** of his brother.

## breakthrough

*n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

*synonym* : advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

## 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.

## fantastic

*adj.* extremely good; excellent

*synonym* : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

## ingredient

*n.* one of the things used to make something, especially one of the foods used to make a particular dish

*synonym* : element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

## 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.

## exaggerate

*v.* to describe or represent something as better or worse than it is

*synonym* : overstate, overestimate, amplify

(1) **exaggerate** in degree, (2) **exaggerate** story

She **exaggerated** the extent of her injuries to get more money from the settlement.

## bespeak

*v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

*synonym* : indicate, imply, suggest

(1) **bespeak** elegance, (2) **bespeak** good manners

Your outfit **bespeaks** confidence and professionalism.

## tissue

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

*synonym* : structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

## kit

*n.* a set of tools, supplies, or equipment for a particular purpose

*synonym* : set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**

I bought a new tool **kit** for my home repair projects.

## pluripotent

*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

*synonym* : versatile, all-purpose, adaptable

(1) **pluripotent** embryonic cells, (2) **pluripotent** gene expression

**Pluripotent** stem cells can differentiate into any cell in the body.

## relevance

*n.* the state or degree of being closely connected or appropriate to the matter at hand

*synonym* : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

## recurring

*adj.* happening or occurring again periodically or repeatedly

*synonym* : periodic, constant, frequent

(1) **recurring** payments, (2) **recurring** decimals

A **recurring** back pain interfered with his concentration.

## absolute

*adj.* perfect or complete or to the most considerable degree possible

*synonym* : complete, infrangible, indisputable

(1) **absolute** loyalty, (2) an **absolute** must

Gandhi had an **absolute** zeal for nonviolence.

## cornerstone

*n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed

*synonym* : foundation, basis, keystone

(1) **cornerstone** of democracy, (2) lay the **cornerstone**  
Effective communication is often considered the **cornerstone** of a successful team.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym* : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**  
The **medicinal** properties of this herb have been known to help with various ailments.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym* : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark  
The phone rang at the most **opportune** time.

## reprogram

*v.* to modify or recreate a program

*synonym* : recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database  
He **reprogrammed** the computer's operating system to remove the safeguard.

## straightforward

*adj.* easy to do or understand, or simple; free from ambiguity

*synonym* : honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

## counterpart

*n.* a person or thing that corresponds to or has the same function as another person or thing

*synonym* : equivalent, analogue, match

(1) **counterpart** agreement, (2) negotiating **counterpart**  
His **counterpart** in the other company is responsible for marketing.

## unaffected

*adj.* not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable

*synonym*: untouched, unaffected, unaltered

(1) **unaffected** by weather, (2) emotionally **unaffected**  
Despite the chaos around her, she remained **unaffected** and focused.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## genetic

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

*synonym*: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

## variation

*n.* the act or state of changing; a difference or change in the way something is done, made or said

*synonym*: fluctuation, change, variation

(1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

## collaboration

*n.* the act or situation of working together to create or produce something

*synonym*: affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

## colleague

*n.* one of a group of a coworker, especially in a profession or a business

*synonym* : coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

## inherit

*v.* to receive money, property, or a title from someone after they have died

*synonym* : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

## unimaginable

*adj.* beyond what can be imagined or conceived; impossible to comprehend or envision

*synonym* : unthinkable, inconceivable, incredulous

(1) **unimaginable** horror, (2) **unimaginable** depths

The complexity of scientific theories was **unimaginable** for most people.

## 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.

## 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.

## fluoresce

v. to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly

*synonym*: glow, radiate, luminesce

(1) **fluoresce** yellow, (2) **fluoresce** in the dark

The minerals in the rock **fluoresce** brightly under UV light.

## assay

v. to analyze or test a substance for its chemical composition or its quantity; to attempt or try something

*synonym*: analyze, test, examine

(1) **assay** the sample, (2) **assay** the protein

Scientists must **assay** the chemical properties of the new drug before using it on humans.

## throughput

n. the amount of material or information that can be processed by a system or organization over a given period of time

*synonym*: output, capacity

(1) workplace **throughput**, (2) network **throughput**

The data center's **throughput** is impressive, allowing for quick processing of large amounts of data.

## automated

adj. carried out by machines or computers to replace or decrease human labor

*synonym*: computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

## candidate

n. a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant

*synonym*: applicant, nominee, contender

(1) **candidate** selection, (2) PhD **candidate**

The **candidate's** platform focused on healthcare reform and reducing income inequality.

## bypass

*n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed;  
(verb) to go past or round

(1) gastric **bypass** operation, (2) **bypass** circuit

This patient must undergo **bypass** surgery.

## mutual

*adj.* common to or shared by two or more parties

*synonym*: shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

## exclusive

*adj.* not divided or shared with others

*synonym*: sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs

The condo offers **exclusive** access to the beach.

## dividend

*n.* a sum of money paid regularly, typically quarterly, by a company to its shareholders out of its profits or reserves

*synonym*: payout, distribution, return

(1) **dividend** on equity ratio, (2) receive a **dividend**

The company announced a quarterly **dividend** of \$0.50 per share.

## 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?

## appropriate

*adj.* suitable or proper in the circumstances; fitting

*synonym*: fitting, suitable, proper

(1) **appropriate** behavior, (2) an **appropriate** time

It would be **appropriate** to dress nicely for the wedding.

## parachute

*n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**

This training includes emergency escape drills with **parachutes**.

## transplant

*v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

*synonym*: relocate, emigrate, graft

(1) **transplant** a heart, (2) **transplant** my family to America  
He tried to **transplant** the seedling into a larger pot.

## replace

*v.* to take the place of something

*synonym*: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone  
Eventually, the new design will **replace** all older models.

## 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.

## clinical

*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

*synonym*: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

## mill

*n.* a person who operates a mill (= a plant consisting of one or more buildings with facilities for manufacturing), especially a grain mill

*synonym*: grinder, pulverizer, crusher

(1) **miller** flour, (2) water **mill**

The **millers'** work was a vital component of the local economy, providing flour to the bakeries and farmers in the area.

## marrow

*n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

*synonym*: bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

## 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**.

## 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.

## vein

*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

*synonym*: artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

## conceptual

*adj.* related to or founded on ideas, principles

*synonym*: theoretical, abstract, ideational

(1) **conceptual** art, (2) new **conceptual** framework

He has absolutely no **conceptual** comprehension of maths.

## essentially

*adv.* relating to the essential features or concepts of anything

*synonym*: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

**Essentially**, a society is an organism.

## optic

*adj.* relating to vision or the eyes; relating to or involving light or optics

*synonym*: visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

## outcome

*n.* the result or effect of an action, event, etc.

*synonym*: result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**

They awaited news of the **outcome** of the election.

## suffer

*v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

*synonym*: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

## vision

*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

*synonym*: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

## unclear

*adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

*synonym* : ambiguous, fuzzy, obscure

(1) an **unclear** match, (2) in no **unclear** terms

It is important not to undertake tasks with **unclear** objectives to improve productivity.

## infusion

*n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid

*synonym* : injection, transfusion, instillation

(1) **infusion** therapy, (2) **infusion** pump

The nurse prepared an **infusion** of pain medication for the patient.

## gentle

*adj.* having or showing a kindly or tender nature; soft and mild

*synonym* : mild, delicate, soft

(1) in a **gentle** voice, (2) **gentle** downward slope

Her **gentle** manner relaxed everyone there.

## decline

*v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

*synonym* : descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

## shrink

*v.* to become smaller, or to make something smaller in size or amount

*synonym* : decrease, diminish, shy away

(1) **shrink** the tumor, (2) **shrink** with fear

This shirt will **shrink** in the wash.

## intervention

*n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so

*synonym* : interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical **intervention**

This **intervention** does not require the patient's consent.

## precursor

*n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth

*synonym*: antecedent, forerunner, herald

(1) **precursor** cell, (2) **precursor** to serotonin

Sulfur dioxide and nitrogen oxides are the primary **precursors** of acid rain.

## proof

*n.* a fact or piece of information that shows something is true or exists

*synonym*: testimony, evidence, assurance

(1) documentary **proof**, (2) a geometric **proof**

**Proof** is better than argument.

## concept

*n.* an idea or principle associated with something abstract

*synonym*: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

## norm

*n.* something that is regarded as usual, typical, or standard

*synonym*: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## volume

*n.* the amount of space occupied by an object or substance; the magnitude of sound

*synonym*: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

## insight

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep

understanding of what something is like

*synonym* : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.



## Session 2: Spelling

- |                                    |      |  |
|------------------------------------|------|--|
| 1. as__y the protein               | v.   | to analyze or test a substance for its chemical composition or its quantity; to attempt or try something   |
| 2. bre_____ugh in the negotiations | n.   | a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem   |
| 3. series of exp_____nts           | n.   | the scientific test conducted to observe what happens and gain new knowledge   |
| 4. sc_____ic plaques               | adj. | referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging  |
| 5. re___e a story                  | v.   | to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something |
| 6. compound the ing_____nts        | n.   | one of the things used to make something, especially one of the foods used to make a particular dish   |
| 7. workplace thr_____ut            | n.   | the amount of material or information that can be processed by a system or organization over a given period of time  |
| 8. prospects were bl__k            | adj. | unlikely to be favorable; unpleasantly cold and damp; offering little or no hope   |
| 9. ev_____t to all                 | adj. | apparent to the mind, senses, or judgment  |

ANSWERS: 1. assay, 2. breakthrough, 3. experiment, 4. sclerotic, 5. relate, 6. ingredient, 7. throughput, 8. bleak, 9. evident

10. ro\_\_\_t fuel *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
11. baseball ce\_\_\_\_\_ty *n.* someone who is well-known, particularly in the entertainment industry
12. b\_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
13. o\_\_s of business *n.* the degree or probability that a particular thing will or will not happen
14. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
15. make a str\_\_\_\_\_ard dash *adj.* easy to do or understand, or simple; free from ambiguity
16. a fairy t\_\_e *n.* a story made up in someone's imagination, especially one full of action and adventure
17. documentary pr\_\_f *n.* a fact or piece of information that shows something is true or exists
18. absolutely fa\_\_\_\_\_ic event *adj.* extremely good; excellent
19. t\_\_e of horror *n.* a story made up in someone's imagination, especially one full of action and adventure
20. re\_\_\_\_\_e one word with another *v.* to take the place of something
21. tragic pre\_\_\_\_\_nt *n.* a difficult, unpleasant, or embarrassing situation

ANSWERS: 10. rocket, 11. celebrity, 12. bet, 13. odds, 14. lab, 15. straightforward, 16. tale, 17. proof, 18. fantastic, 19. tale, 20. replace, 21. predicament

22. p\_\_e pink *adj.* having skin that is very light colored; lacking in vitality or interest or effectiveness
23. re\_\_\_\_e a phone *v.* to take the place of something
24. cognitive com\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
25. au\_\_\_\_ed way *adj.* carried out by machines or computers to replace or decrease human labor
26. con\_\_\_\_al art *adj.* related to or founded on ideas, principles
27. receive a di\_\_\_\_nd *n.* a sum of money paid regularly, typically quarterly, by a company to its shareholders out of its profits or reserves
28. di\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
29. history of hu\_\_\_\_nd *n.* the whole of the living human inhabitants of the earth
30. lay the cor\_\_\_\_ne *n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed
31. spider v\_\_n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
32. so\_\_\_\_al expectations *adj.* relating to society or social relationships

ANSWERS: 22. pale, 23. replace, 24. complexity, 25. automated, 26. conceptual, 27. dividend, 28. diagnose, 29. humankind, 30. cornerstone, 31. vein, 32. societal

33. exa\_\_\_\_\_te story *v.* to describe or represent something as better or worse than it is
34. cou\_\_\_\_\_rt agreement *n.* a person or thing that corresponds to or has the same function as another person or thing
35. my\_\_\_\_n encasing the axons *n.* a white fatty substance that covers around nerves, helping them to send signals effectively
36. be\_\_\_\_\_k good manners *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic
37. sh\_\_\_\_k the tumor *v.* to become smaller, or to make something smaller in size or amount
38. pa\_\_\_\_\_t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
39. survival k\_t *n.* a set of tools, supplies, or equipment for a particular purpose
40. ab\_\_\_\_\_te loyalty *adj.* perfect or complete or to the most considerable degree possible
41. hi\_\_\_\_\_ht a string in red *v.* to make something prominent, mainly so that people give it more attention
42. collapsed v\_\_n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 33. exaggerate, 34. counterpart, 35. myelin, 36. bespeak, 37. shrink, 38. patient, 39. kit, 40. absolute, 41. highlight, 42. vein

43. ro\_\_\_t attack against the enemy      *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
44. bot\_\_\_\_\_ck in production      *n.* a narrow or busy section of road or a junction where the traffic often gets slower and stops; anything that slows down development or progress, especially in business or industry
45. the most am\_\_\_\_\_g feeling      *adj.* extremely surprising, especially in a way that you like or admire
46. a ri\_\_y enterprise      *adj.* involving the possibility of danger, failure, or loss
47. break a ha\_\_\_\_\_y      *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
48. va\_\_\_\_\_on of temperature      *n.* the act or state of changing; a difference or change in the way something is done, made or said
49. put a ha\_\_\_\_\_s on my pet      *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
50. di\_\_\_\_\_nd on equity ratio      *n.* a sum of money paid regularly, typically quarterly, by a company to its shareholders out of its profits or reserves

ANSWERS: 43. rocket, 44. bottleneck, 45. amazing, 46. risky, 47. harmony, 48. variation, 49. harness, 50. dividend

51. gastric by\_\_\_s operation *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
52. obs\_\_\_\_\_on instrument *n.* the act or activity of carefully examining or monitoring something or someone
53. uni\_\_\_\_\_ble depths *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
54. fl\_\_\_\_\_ce in the dark *v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly
55. a sy\_\_\_\_\_ny orchestra *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
56. tra\_\_\_\_\_nt a heart *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
57. re\_\_w its corporate image *v.* to begin or resume something again after an interruption
58. o\_\_s in favor *n.* the degree or probability that a particular thing will or will not happen
59. pa\_\_\_\_\_te troops *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

ANSWERS: 51. bypass, 52. observation, 53. unimaginable, 54. fluoresce, 55. symphony, 56. transplant, 57. renew, 58. odds, 59. parachute

60. fl\_\_\_\_\_ce yellow *v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly
61. ge\_\_\_e downward slope *adj.* having or showing a kindly or tender nature; soft and mild
62. ob\_\_\_\_\_s reasons *adj.* easy to see, discover or understand
63. a geometric pr\_\_f *n.* a fact or piece of information that shows something is true or exists
64. first-aid tr\_\_\_\_\_nt *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
65. ro\_\_e state *n.* a deceitful and unreliable person; a person who behaves badly
66. un\_\_\_\_\_in a structure *v.* to support or strengthen the foundations of something
67. a dental cl\_\_\_c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
68. in\_\_\_\_\_on therapy *n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
69. d\_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
70. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 60. fluoresce, 61. gentle, 62. obvious, 63. proof, 64. treatment, 65. rogue, 66. underpin, 67. clinic, 68. infusion, 69. dam, 70. lab

71. gene va\_\_\_\_\_on *n.* the act or state of changing; a difference or change in the way something is done, made or said
72. in\_\_\_\_\_te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
73. s\_\_n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
74. environmental 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
75. a facial ti\_\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
76. re\_\_\_\_e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
77. designed spe\_\_\_\_\_lly for men *adv.* only associated with or meant for one thing
78. eve\_\_\_\_\_ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
79. col\_\_\_\_\_ion platform *n.* the act or situation of working together to create or produce something

ANSWERS: 71. variation, 72. insulate, 73. scan, 74. threat, 75. tissue, 76. relate, 77. specifically, 78. eventually, 79. collaboration



80. tra\_\_\_\_\_nt my family to America      *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
81. learn new co\_\_\_\_\_ts      *n.* an idea or principle associated with something abstract
82. ex\_\_\_\_\_e rebellion      *v.* to make someone feel suddenly enthusiastic or eager
83. a spo\_\_\_\_\_us behavior      *adj.* happening or being done naturally, often unexpected way, without being made to happen
84. participate in cl\_\_\_\_\_al trials      *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
85. ins\_\_\_\_\_on board      *n.* the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this
86. a ge\_\_\_\_\_c disorder      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
87. the great di\_\_\_\_\_ry of the century      *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
88. treat this dev\_\_\_\_\_ng disease      *adj.* causing a great deal of destruction or damage
89. spo\_\_\_\_\_us labor      *adj.* happening or being done naturally, often unexpected way, without being made to happen

ANSWERS: 80. transplant, 81. concept, 82. excite, 83. spontaneous, 84. clinical, 85. insulation, 86. genetic, 87. discovery, 88. devastating, 89. spontaneous

90. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
91. de\_\_\_\_\_s crop prices *v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active
92. his conclusion was ob\_\_\_\_\_s *adj.* easy to see, discover or understand
93. a beautiful sy\_\_\_\_\_ny *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
94. at\_\_\_\_\_y of the muscles *n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse
95. degree in ele\_\_\_\_\_al engineering *adj.* relating to electricity
96. cor\_\_\_\_\_ne of democracy *n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed
97. for spe\_\_\_\_\_lly American customers *adv.* only associated with or meant for one thing
98. a private ind\_\_\_\_\_al *n.* a single person or thing, as distinct from a group
99. a ro\_\_e detective *n.* a deceitful and unreliable person; a person who behaves badly
100. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
101. intellectual or\_\_\_\_\_xy *n.* adherence to a conventional or widely accepted set of beliefs or practices, especially in religion or politics; the accepted or established doctrine or teachings of a particular group or institution

ANSWERS: 90. experiment, 91. depress, 92. obvious, 93. symphony, 94. atrophy, 95. electrical, 96. cornerstone, 97. specifically, 98. individual, 99. rogue, 100. medicinal, 101. orthodoxy

102. I am te\_\_\_\_\_ly sorry *adv.* very badly; to a great extent or very much
103. re\_\_\_\_\_am a device *v.* to modify or recreate a program
104. app\_\_\_\_\_te behavior *adj.* suitable or proper in the circumstances; fitting
105. uni\_\_\_\_\_ble horror *adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
106. an ab\_\_\_\_\_te must *adj.* perfect or complete or to the most considerable degree possible
107. abs\_\_\_\_\_ly against *adv.* without restriction or limitation; completely or utterly
108. brain le\_\_\_\_n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
109. harmful co\_\_\_\_\_nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
110. permanent br\_\_\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
111. ess\_\_\_\_\_ly correct *adv.* relating to the essential features or concepts of anything
112. a me\_\_\_\_\_l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
113. aquatic co\_\_\_\_\_nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

ANSWERS: 102. terribly, 103. reprogram, 104. appropriate, 105. unimaginable, 106. absolute, 107. absolutely, 108. lesion, 109. compound, 110. brain, 111. essentially, 112. medical, 113. compound

114. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business
115. ext\_\_\_\_\_ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
116. re\_\_t against his way of thinking *v.* to take action in response to something
117. have no re\_\_\_\_\_ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
118. cognitive ne\_\_\_\_\_gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
119. su\_\_\_r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
120. und\_\_\_\_\_ly successful *adv.* without a doubt; certainly; definitely
121. de\_\_\_\_\_e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
122. religious or\_\_\_\_\_xy *n.* adherence to a conventional or widely accepted set of beliefs or practices, especially in religion or politics; the accepted or established doctrine or teachings of a particular group or institution
123. in\_\_\_\_\_t ancestral property *v.* to receive money, property, or a title from someone after they have died
124. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager
125. temporary me\_\_\_\_\_l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 114. colleague, 115. extraordinary, 116. react, 117. relevance, 118. neurology, 119. suffer, 120. undoubtedly, 121. decline, 122. orthodoxy, 123. inherit, 124. excite, 125. medical

126. 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
127. 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
128. em\_\_e salute *v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions
129. co\_\_\_\_\_t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
130. in\_\_\_\_\_l velocity *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
131. re\_\_\_\_r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
132. com\_\_\_\_\_ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
133. end\_\_\_\_\_us growth *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

ANSWERS: 126. process, 127. discuss, 128. emote, 129. convert, 130. initial, 131. render, 132. complexity, 133. endogenous

134. su\_\_\_r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
135. the s\_\_m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
136. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
137. ex\_\_\_\_\_ve authority *adj.* not divided or shared with others
138. bre\_\_\_\_\_ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
139. em\_\_e through art *v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions
140. vegetable ma\_\_\_w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
141. in\_\_\_\_\_te electricity *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
142. suffer te\_\_\_\_\_ly *adv.* very badly; to a great extent or very much

ANSWERS: 134. suffer, 135. stem, 136. engineer, 137. exclusive, 138. breakthrough, 139. emote, 140. marrow, 141. insulate, 142. terribly

143. at your own p\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
144. in\_\_\_\_t estate *v.* to receive money, property, or a title from someone after they have died
145. re\_\_t at a high temperature *v.* to take action in response to something
146. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
147. a fa\_\_\_\_\_ic dress *adj.* extremely good; excellent
148. re\_\_w a contract *v.* to begin or resume something again after an interruption
149. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
150. d\_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
151. network thr\_\_\_\_\_ut *n.* the amount of material or information that can be processed by a system or organization over a given period of time
152. as\_\_y the sample *v.* to analyze or test a substance for its chemical composition or its quantity; to attempt or try something
153. burn s\_\_r *n.* a mark that remains on the skin after a wound has healed
154. pr\_\_\_\_\_e bad behavior *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

ANSWERS: 143. pace, 144. inherit, 145. react, 146. mass, 147. fantastic, 148. renew, 149. opportune, 150. dam, 151. throughput, 152. assay, 153. scar, 154. promote

155. ne\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
156. tr\_\_\_\_\_nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
157. de\_\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
158. 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)
159. a ha\_\_\_\_\_y of colors *n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties
160. the files are in complete di\_\_\_\_\_er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
161. b\_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

ANSWERS: 155. neuron, 156. treatment, 157. develop, 158. inject, 159. harmony, 160. disorder, 161. bet



162. people with bipolar di\_\_\_\_er      *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
163. sc\_\_\_\_\_ic lesion      *adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging
164. fatty li\_\_r      *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
165. pre\_\_\_\_\_nt decision      *n.* a difficult, unpleasant, or embarrassing situation
166. critical m\_\_s      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
167. di\_\_\_\_t a well-ordered condition      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
168. pr\_\_\_\_\_or to serotonin      *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
169. have ge\_\_\_\_c testing      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
170. col\_\_\_\_\_ion between companies      *n.* the act or situation of working together to create or produce something
171. weakness with at\_\_\_\_y      *n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse

ANSWERS: 162. disorder, 163. sclerotic, 164. liver, 165. predicament, 166. mass, 167. disrupt, 168. precursor, 169. genetic, 170. collaboration, 171. atrophy

172. 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
173. carry a s\_\_r      *n.* a mark that remains on the skin after a wound has healed
174. so\_\_\_\_al norms      *adj.* relating to society or social relationships
175. field of gene th\_\_\_\_y      *n.* the act of caring for someone through medication, remedial training, etc.
176. collaborate with co\_\_\_\_ues      *n.* one of a group of a coworker, especially in a profession or a business
177. PhD ca\_\_\_\_te      *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
178. share my in\_\_\_\_ts      *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
179. mu\_\_\_\_l efforts      *adj.* common to or shared by two or more parties
180. the characters that re\_\_\_\_nt numbers      *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
181. ro\_\_\_\_y explain my idea      *adv.* approximately but not precisely; with a violent manner

ANSWERS: 172. process, 173. scar, 174. societal, 175. therapy, 176. colleague, 177. candidate, 178. insight, 179. mutual, 180. represent, 181. roughly

182. a desirable ou\_\_\_\_e *n.* the result or effect of an action, event, etc.
183. an ele\_\_\_\_\_al storm *adj.* relating to electricity
184. secret s\_\_t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
185. co\_\_\_\_\_t car *n.* an idea or principle associated with something abstract
186. pr\_\_\_\_\_or cell *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
187. additional sound ins\_\_\_\_\_on *n.* the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this
188. a scientific di\_\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
189. cl\_\_e embryo *n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
190. plu\_\_\_\_\_nt embryonic cells *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

ANSWERS: 182. outcome, 183. electrical, 184. sect, 185. concept, 186. precursor, 187. insulation, 188. discovery, 189. clone, 190. pluripotent

191. de\_\_\_\_s their spirits      *v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active
192. ce\_\_\_\_\_ty known worldwide      *n.* someone who is well-known, particularly in the entertainment industry
193. ha\_\_\_\_s a horse to a carriage      *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
194. di\_\_\_\_t sleep      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
195. ma\_\_\_\_st as the word      *v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions
196. visit to the veterinary cl\_\_\_\_c      *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
197. pa\_\_l visit      *adj.* relating to the pope (= the head of the Roman Catholic Church) or the Roman Catholic Church
198. a prodigious vi\_\_\_\_n      *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
199. an app\_\_\_\_\_te time      *adj.* suitable or proper in the circumstances; fitting

ANSWERS: 191. depress, 192. celebrity, 193. harness, 194. disrupt, 195. manifest, 196. clinic, 197. papal, 198. vision, 199. appropriate

200. electric-powered whe\_\_\_\_\_ir      *n.* a chair fitted with large wheels for use as a means of transport by a person who is unable to walk
201. a mo\_\_r mechanic      *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
202. the ul\_\_\_\_\_te luxury      *adj.* furthest or highest in degree or order
203. improved student ou\_\_\_\_\_es      *n.* the result or effect of an action, event, etc.
204. ma\_\_\_\_\_st displeasure      *v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions
205. DC mo\_\_r control      *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
206. ill\_\_\_\_\_ion artist      *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
207. a remote re\_\_\_\_\_ve      *adj.* considered and evaluated through comparison with something else
208. mi\_\_r flour      *n.* a person who operates a mill (= a plant consisting of one or more buildings with facilities for manufacturing), especially a grain mill
209. plu\_\_\_\_\_nt gene expression      *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

ANSWERS: 200. wheelchair, 201. motor, 202. ultimate, 203. outcome, 204. manifest, 205. motor, 206. illustration, 207. relative, 208. miller, 209. pluripotent

210. und_____ly talented	<i>adv.</i> without a doubt; certainly; definitely
211. re_____ng payments	<i>adj.</i> happening or occurring again periodically or repeatedly
212. sh_____ng revelation	<i>adj.</i> extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
213. co_____t fat into energy	<i>v.</i> to have a talk with someone; (adjective) reversed in order, relation, or action
214. di_____se with CT scans	<i>v.</i> to determine or distinguish the nature of a problem or an illness through a careful analysis
215. una_____ed by weather	<i>adj.</i> not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable
216. exa_____te in degree	<i>v.</i> to describe or represent something as better or worse than it is
217. th_____y for a patient	<i>n.</i> the act of caring for someone through medication, remedial training, etc.
218. a de_____nt person	<i>adj.</i> relying on someone or something else for support or aid
219. s__n the face of the man	<i>v.</i> to examine something hastily, with the eyes or with a machine, to get information
220. equ_____nt in meaning	<i>n.</i> having the same value, quality, meaning, purpose, etc.
221. change ri__y behavior	<i>adj.</i> involving the possibility of danger, failure, or loss
222. co_____t research	<i>v.</i> to organize and carry out a particular activity

ANSWERS: 210. undoubtedly, 211. recurring, 212. shocking, 213. convert, 214. diagnose, 215. unaffected, 216. exaggerate, 217. therapy, 218. dependent, 219. scan, 220. equivalent, 221. risky, 222. conduct

223. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
224. loss of muscle ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
225. de\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
226. re\_\_\_\_\_ng decimals *adj.* happening or occurring again periodically or repeatedly
227. s\_\_m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
228. bear sp\_\_e against him *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
229. the runner's p\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
230. muscle le\_\_\_n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
231. am\_\_\_\_g advances *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 223. norm, 224. tissue, 225. develop, 226. recurring, 227. stem, 228. spite, 229. pace, 230. lesion, 231. amazing

232. li\_\_r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
233. emotionally una\_\_\_\_\_ed *adj.* not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable
234. cr\_\_\_\_\_l information *adj.* extremely vital or necessary
235. equ\_\_\_\_\_nt amounts *n.* having the same value, quality, meaning, purpose, etc.
236. in no un\_\_\_\_\_r terms *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
237. vo\_\_\_e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
238. dose-de\_\_\_\_\_nt induction *adj.* relying on someone or something else for support or aid
239. class obs\_\_\_\_\_on day *n.* the act or activity of carefully examining or monitoring something or someone
240. re\_\_\_\_\_ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
241. da\_\_\_e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 232. liver, 233. unaffected, 234. crucial, 235. equivalent, 236. unclear, 237. volume, 238. dependent, 239. observation, 240. relevance, 241. damage



242. ill\_\_\_\_\_te a story      *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
243. abs\_\_\_\_\_ly obsessed with the girl      *adv.* without restriction or limitation; completely or utterly
244. ex\_\_\_\_\_ve clubs      *adj.* not divided or shared with others
245. pa\_\_\_\_\_t in the hospital      *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
246. bl\_\_k future      *adj.* unlikely to be favorable; unpleasantly cold and damp; offering little or no hope
247. new con\_\_\_\_\_al framework      *adj.* related to or founded on ideas, principles
248. s\_\_t beliefs      *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
249. 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)
250. share of a mu\_\_\_\_l fund      *adj.* common to or shared by two or more parties
251. re\_\_\_\_\_ve factors      *adj.* considered and evaluated through comparison with something else
252. da\_\_\_\_e assessment      *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 242. illustrate, 243. absolutely, 244. exclusive, 245. patient, 246. bleak,

247. conceptual, 248. sect, 249. inject, 250. mutual, 251. relative, 252. damage

253. op_____ne occasion	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
254. my____n protein	<i>n.</i> a white fatty substance that covers around nerves, helping them to send signals effectively
255. whe_____ir accessibility	<i>n.</i> a chair fitted with large wheels for use as a means of transport by a person who is unable to walk
256. the ma____w of a speech	<i>n.</i> a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
257. hi_____ht an important difference	<i>v.</i> to make something prominent, mainly so that people give it more attention
258. ro_____y speaking	<i>adv.</i> approximately but not precisely; with a violent manner
259. have dev_____ng effects	<i>adj.</i> causing a great deal of destruction or damage
260. me_____al chemistry	<i>adj.</i> of or relating to the treatment or cure of disease
261. negotiating cou_____rt	<i>n.</i> a person or thing that corresponds to or has the same function as another person or thing
262. de_____e a job offer	<i>v.</i> to become gradually smaller, fewer, worse, etc.; to refuse to accept
263. pr_____e a better relationship	<i>v.</i> to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

ANSWERS: 253. opportune, 254. myelin, 255. wheelchair, 256. marrow, 257. highlight, 258. roughly, 259. devastating, 260. medicinal, 261. counterpart, 262. decline, 263. promote

264. Al\_\_\_\_\_er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
265. a p\_\_e complexion *adj.* having skin that is very light colored; lacking in vitality or interest or effectiveness
266. unable to re\_\_\_\_\_e on my own *v.* to breathe; to inhale and exhale air; to live
267. cl\_\_\_\_\_al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
268. an in\_\_\_\_\_l letter *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
269. surgical int\_\_\_\_\_ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
270. golden pa\_\_\_\_\_te *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
271. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
272. unintended con\_\_\_\_\_ces *n.* the outcome of a particular action or event, especially relative to an individual

ANSWERS: 264. Alzheimer, 265. pale, 266. respire, 267. clinical, 268. initial, 269. intervention, 270. parachute, 271. engineer, 272. consequence

273. dif\_\_\_\_\_ty in breathing *n.* a condition or state that causes problems
274. re\_\_\_r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
275. a profound in\_\_\_\_\_t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
276. ext\_\_\_\_\_ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
277. di\_\_\_\_\_e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
278. 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
279. re\_\_\_\_\_am a database *v.* to modify or recreate a program
280. op\_\_c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
281. Al\_\_\_\_\_er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 273. difficulty, 274. render, 275. insight, 276. extraordinary, 277. disease, 278. threat, 279. reprogram, 280. optic, 281. Alzheimer

282. a first-aid k\_t *n.* a set of tools, supplies, or equipment for a particular purpose
283. in a ge\_\_\_e voice *adj.* having or showing a kindly or tender nature; soft and mild
284. by\_\_\_s circuit *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
285. performance bot\_\_\_\_\_ck *n.* a narrow or busy section of road or a junction where the traffic often gets slower and stops; anything that slows down development or progress, especially in business or industry
286. a cr\_\_\_\_\_l issue for women *adj.* extremely vital or necessary
287. sh\_\_\_\_\_ng response *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
288. sup\_\_\_\_\_se image *v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
289. the con\_\_\_\_\_ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
290. re\_\_\_\_\_nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
291. 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

ANSWERS: 282. kit, 283. gentle, 284. bypass, 285. bottleneck, 286. crucial, 287. shocking, 288. superimpose, 289. consequence, 290. represent, 291. discuss

292. recombinant cl\_\_e *n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
293. a rid\_\_\_\_\_us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
294. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
295. sup\_\_\_\_\_se text *v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
296. secret ing\_\_\_\_\_nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
297. ill\_\_\_\_\_te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
298. get ne\_\_\_\_\_s *adj.* worried and anxious about something; relating to the nerves
299. ca\_\_\_\_\_te selection *n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
300. be\_\_\_\_\_k elegance *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

ANSWERS: 292. clone, 293. ridiculous, 294. brain, 295. superimpose, 296. ingredient, 297. illustrate, 298. nervous, 299. candidate, 300. bespeak

301. eve\_\_\_\_\_ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
302. development of the ne\_\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves
303. educational ill\_\_\_\_\_ion *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
304. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
305. ne\_\_\_\_\_gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
306. an un\_\_\_\_\_r match *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
307. the ul\_\_\_\_\_te goal in life *adj.* furthest or highest in degree or order
308. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
309. plainly ev\_\_\_\_\_t *adj.* apparent to the mind, senses, or judgment
310. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
311. 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
312. a rid\_\_\_\_\_us amount of money *adj.* very silly or unreasonable and deserving to be laughed at

ANSWERS: 301. eventually, 302. nervous, 303. illustration, 304. norm, 305. neurology, 306. unclear, 307. ultimate, 308. individual, 309. evident, 310. essentially, 311. clip, 312. ridiculous



313. excite the ne\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
314. co\_\_\_\_\_t a background check *v.* to organize and carry out a particular activity
315. die in sp\_\_e of intensive care *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
316. un\_\_\_\_\_in democratization *v.* to support or strengthen the foundations of something
317. re\_\_\_\_\_e deeply *v.* to breathe; to inhale and exhale air; to live
318. water mi\_\_\_r *n.* a person who operates a mill (= a plant consisting of one or more buildings with facilities for manufacturing), especially a grain mill
319. sh\_\_\_k with fear *v.* to become smaller, or to make something smaller in size or amount
320. di\_\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
321. 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

ANSWERS: 313. neuron, 314. conduct, 315. spite, 316. underpin, 317. respire, 318. miller, 319. shrink, 320. disease, 321. clip

322. au\_\_\_\_\_ed manual transmission      *adj.* carried out by machines or computers to replace or decrease human labor
323. telescopic vi\_\_\_\_n      *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
324. op\_\_c illusion      *adj.* relating to vision or the eyes; relating to or involving light or optics
325. high vo\_\_\_\_e      *n.* the amount of space occupied by an object or substance; the magnitude of sound
326. pa\_\_l authority      *adj.* relating to the pope (= the head of the Roman Catholic Church) or the Roman Catholic Church
327. in\_\_\_\_\_on pump      *n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
328. int\_\_\_\_\_ion by foreign powers      *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
329. end\_\_\_\_\_us opioid system      *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
330. the degree of dif\_\_\_\_\_ty      *n.* a condition or state that causes problems
331. str\_\_\_\_\_ard manner      *adj.* easy to do or understand, or simple; free from ambiguity
332. hu\_\_\_\_\_nd as a species      *n.* the whole of the living human inhabitants of the earth

ANSWERS: 322. automated, 323. vision, 324. optic, 325. volume, 326. papal, 327. infusion, 328. intervention, 329. endogenous, 330. difficulty, 331. straightforward, 332. humankind

ANSWERS:

## Session 3: Fill in the Blanks

1. The company's financial records \_\_\_\_\_ how successful it has been.  
*v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
2. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
3. This shirt will \_\_\_\_\_ in the wash.  
*v.* to become smaller, or to make something smaller in size or amount
4. The doctor prescribed some medicine for the mental \_\_\_\_\_.  
*n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
5. The \_\_\_\_\_ pressure to conform is strong in this community.  
*adj.* relating to society or social relationships
6. 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
7. Actuators convert \_\_\_\_\_ pulses into motion.  
*adj.* relating to electricity
8. He suffers from \_\_\_\_\_ breakdowns.  
*adj.* worried and anxious about something; relating to the nerves

ANSWERS: 1. illustrate, 2. lab, 3. shrink, 4. disorder, 5. societal, 6. discuss, 7. electrical, 8. nervous

9. The \_\_\_\_\_ platform focused on healthcare reform and reducing income inequality.
- n.* a person who is seeking or being considered for some kind of position, title, honor, or award; a job applicant
10. Effective communication is often considered the \_\_\_\_\_ of a successful team.
- n.* a fundamental or essential element or component of something; a basis or foundation upon which something is built or developed
11. The break in the \_\_\_\_ threatened the valley.
- n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
12. The \_\_\_\_ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
13. This ad campaign is aimed \_\_\_\_\_ at young women.
- adv.* only associated with or meant for one thing
14. The \_\_\_\_\_ palace was a grand and imposing structure.
- adj.* relating to the pope (= the head of the Roman Catholic Church) or the Roman Catholic Church
15. I \_\_\_\_ that you know it.
- v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
16. The Prime Minister \_\_\_\_\_ his regret for his neighbors
- v.* to show something such as feeling, attitude, quality, etc. clearly through signs or actions

ANSWERS: 9. candidate's, 10. cornerstone, 11. dam, 12. mass, 13. specifically, 14. papal, 15. bet, 16. manifested

17. Daily exercise and adequate sleep are necessary to prevent the progression of \_\_\_\_\_.
- n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse
18. The \_\_\_\_\_ launch platform is visible from this hill.
- n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
19. The political landscape looks \_\_\_\_\_ without a change of administration.
- adj.* unlikely to be favorable; unpleasantly cold and damp; offering little or no hope
20. The government should do more to \_\_\_\_\_ sustainable agribusiness.
- v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
21. This \_\_\_\_\_ does not require the patient's consent.
- n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
22. The new amusement park ride was \_\_\_\_\_ with twists, turns, and drops that left riders screaming with excitement.
- adj.* extremely good; excellent
23. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.
24. Most countries prohibit sexual activity between certain close \_\_\_\_\_.
- adj.* considered and evaluated through comparison with something else

ANSWERS: 17. atrophy, 18. rocket, 19. bleak, 20. promote, 21. intervention, 22. fantastic, 23. therapy, 24. relatives

25. She is studying clinical \_\_\_\_\_ to become a brain surgeon.
- n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
26. There is a lot of \_\_\_\_\_ in the colors of flowers in the garden.
- n.* the act or state of changing; a difference or change in the way something is done, made or said
27. The \_\_\_\_\_ work was a vital component of the local economy, providing flour to the bakeries and farmers in the area.
- n.* a person who operates a mill (= a plant consisting of one or more buildings with facilities for manufacturing), especially a grain mill
28. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.
- n.* the state or quality of being complicated or intricate and difficult to understand
29. She holds a \_\_\_\_\_ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
30. It is important not to undertake tasks with \_\_\_\_\_ objectives to improve productivity.
- adj.* poorly stated or described *adj.* and therefore not easy to understand; not easy to perceive
31. Memory bandwidth is a significant \_\_\_\_\_ in this computational simulation.
- n.* a narrow or busy section of road or a junction where the traffic often gets slower and stops; anything that slows down development or progress, especially in business or industry

ANSWERS: 25. neurology, 26. variation, 27. miller's, 28. complexity, 29. clinic, 30. unclear, 31. bottleneck

32. A technique called deep learning has led to \_\_\_\_\_ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
33. This training includes emergency escape drills with \_\_\_\_\_.
- n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
34. \_\_\_\_\_ sheath allows electrical impulses to travel quickly and efficiently along the nerve cells.
- n.* a white fatty substance that covers around nerves, helping them to send signals effectively
35. The soup was made with bone \_\_\_\_\_ giving it a rich and savory flavor.
- n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
36. Eventually, the new design will \_\_\_\_\_ all older models.
- v.* to take the place of something
37. It would be \_\_\_\_\_ to dress nicely for the wedding.
- adj.* suitable or proper in the circumstances; fitting
38. The corporation \_\_\_\_\_ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
39. People have been exploring ways to \_\_\_\_\_ natural forces and resources since ancient times.
- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

ANSWERS: 32. breakthroughs, 33. parachutes, 34. Myelin, 35. marrow, 36. replace, 37. appropriate, 38. eventually, 39. harness



40. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
41. This patient must undergo \_\_\_\_\_ surgery.  
*n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
42. The nurse inserted the needle into the \_\_\_\_\_ in his arm to draw blood.  
*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
43. Driving is difficult for me because of my poor \_\_\_\_\_.  
*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
44. She turned \_\_\_\_\_ when she heard the news.  
*adj.* having skin that is very light colored; lacking in vitality or interest or effectiveness
45. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.  
*n.* a single person or thing, as distinct from a group
46. Five miles is \_\_\_\_\_ similar to eight kilometers.  
*adv.* approximately but not precisely; with a violent manner
47. 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: 40. neuron, 41. bypass, 42. vein, 43. vision, 44. pale, 45. individual, 46. roughly, 47. clip

48. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
49. She received special \_\_\_\_\_ training at the hospital.  
*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
50. This typhoon was the most \_\_\_\_\_ in years.  
*adj.* causing a great deal of destruction or damage
51. His \_\_\_\_\_ showed highly positive results.  
*n.* the scientific test conducted to observe what happens and gain new knowledge
52. The partnership program requires a mutual \_\_\_\_\_ between both agencies.  
*n.* the act or situation of working together to create or produce something
53. This container has a \_\_\_\_\_ of 10 cubic meters.  
*n.* the amount of space occupied by an object or substance; the magnitude of sound
54. They took the \_\_\_\_\_ step toward reconciliation.  
*adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
55. The revitalization of technology companies is \_\_\_\_\_ to the country's growth.  
*adj.* extremely vital or necessary
56. The nurse prepared an \_\_\_\_\_ of pain medication for the patient.  
*n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid

ANSWERS: 48. genetic, 49. clinical, 50. devastating, 51. experiments, 52. collaboration, 53. volume, 54. initial, 55. crucial, 56. infusion

57. With \_\_\_\_\_ joy, he signed his name.

*adj.* apparent to the mind, senses, or judgment

58. Despite the chaos around her, she remained \_\_\_\_\_ and focused.

*adj.* not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable

59. \_\_\_\_\_ stem cells can differentiate into any cell in the body.

*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

60. \_\_\_\_\_ a society is an organism.

*adv.* relating to the essential features or concepts of anything

61. We worked in perfect \_\_\_\_\_.

*n.* the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

62. His \_\_\_\_\_ in the other company is responsible for marketing.

*n.* a person or thing that corresponds to or has the same function as another person or thing

63. As people age, their digestive capacity also gradually \_\_\_\_\_.

*v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

64. 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: 57. evident, 58. unaffected, 59. Pluripotent, 60. Essentially, 61. harmony, 62. counterpart, 63. declines, 64. threat

65. She \_\_\_\_\_ the extent of her injuries to get more money from the settlement.
- v.* to describe or represent something as better or worse than it is
66. She stood on the podium and \_\_\_\_\_ an audience.
- v.* to examine something hastily, with the eyes or with a machine, to get information
67. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.
- n.* having the same value, quality, meaning, purpose, etc.
68. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
69. 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
70. The \_\_\_\_\_ in the book helped me understand the concept better.
- n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
71. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease

ANSWERS: 65. exaggerated, 66. scanned, 67. equivalent, 68. develop, 69. process, 70. illustration, 71. medicinal

72. These economic activities had disastrous environmental \_\_\_\_\_.
- n.* the outcome of a particular action or event, especially relative to an individual
73. Even after the wound has healed, a \_\_\_\_\_ remains.
- n.* a mark that remains on the skin after a wound has healed
74. Ghosts in folk \_\_\_\_\_ are almost always malicious.
- n.* a story made up in someone's imagination, especially one full of action and adventure
75. Your outfit \_\_\_\_\_ confidence and professionalism.
- v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic
76. He tried to \_\_\_\_\_ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
77. The complexity of scientific theories was \_\_\_\_\_ for most people.
- adj.* beyond what can be imagined or conceived; impossible to comprehend or envision
78. On the geological time scale, \_\_\_\_\_ has existed for a brief moment.
- n.* the whole of the living human inhabitants of the earth
79. The doctor carefully examined the \_\_\_\_\_ medical history.
- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 72. consequences, 73. scar, 74. tales, 75. bespeaks, 76. relate, 77. unimaginable, 78. humankind, 79. patient's

80. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.
- n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
81. During the surgery, the doctor had to be extremely cautious not to \_\_\_\_\_ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
82. The golfer recorded an \_\_\_\_\_ distance.
- adj.* extremely surprising, especially in a way that you like or admire
83. The defendant gave a \_\_\_\_\_ and accurate description of the accident.
- adj.* easy to do or understand, or simple; free from ambiguity
84. They cooperated for their \_\_\_\_\_ benefit.
- adj.* common to or shared by two or more parties
85. The graphic designer will \_\_\_\_\_ the logo over the image in the brochure.
- v.* to place, layer, or overlay one thing on top of another, typically in such a way that both are still visible; to add or combine something additional into an existing structure, design, or system
86. The phone rang at the most \_\_\_\_\_ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 80. tissue, 81. damage, 82. amazing, 83. straightforward, 84. mutual, 85. superimpose, 86. opportune

87. The minerals in the rock \_\_\_\_\_ brightly under UV light.
- v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly
88. 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)
89. Greed is the primary \_\_\_\_\_ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish
90. One such rapidly growing \_\_\_\_\_ is quantum cryptography.
- n.* an idea or principle associated with something abstract
91. He was in a \_\_\_\_\_ and didn't know how to escape it.
- n.* a difficult, unpleasant, or embarrassing situation
92. A rose has thorns on its \_\_\_\_\_.
- n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
93. Everyone regarded the theory he advocated as \_\_\_\_\_ but was later proven correct.
- adj.* very silly or unreasonable and deserving to be laughed at
94. I decided to seek counseling on the advice of my \_\_\_\_\_.
- n.* one of a group of a coworker, especially in a profession or a business

ANSWERS: 87. fluoresce, 88. inject, 89. ingredient, 90. concept, 91. predicament, 92. stem, 93. ridiculous, 94. colleague

95. The introduction \_\_\_\_\_ the speaker's distinguished career as a consultant
- v.* to make something prominent, mainly so that people give it more attention
96. The scuba diver needed to follow the proper techniques to \_\_\_\_\_ while exploring the underwater world.
- v.* to breathe; to inhale and exhale air; to live
97. The actor could \_\_\_\_\_ a wide range of emotions on screen, earning them critical acclaim.
- v.* to communicate through facial expressions, gestures, and body language to express strong feelings or emotions
98. The primary purpose of the \_\_\_\_\_ is pain relief.
- n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
99. 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
100. What are the \_\_\_\_\_ that he will survive?
- n.* the degree or probability that a particular thing will or will not happen
101. The \_\_\_\_\_ arteries in his legs made it difficult for him to walk long distances.
- adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging
102. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

ANSWERS: 95. highlighted, 96. respire, 97. emote, 98. treatment, 99. brain, 100. odds, 101. sclerotic, 102. liver



103. The jury must \_\_\_\_\_ a decision on this complex case.

- v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

104. It is extremely \_\_\_\_\_ to sail in such a storm.

- adj.* involving the possibility of danger, failure, or loss

105. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.

- n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

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

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

107. This library rents out various types of folding \_\_\_\_\_ for visitors.

- n.* a chair fitted with large wheels for use as a means of transport by a person who is unable to walk

108. The president states emphatically that the opponent country is a \_\_\_\_\_ state that supports terrorism.

- n.* a deceitful and unreliable person; a person who behaves badly

109. The research findings \_\_\_\_\_ the theory that human activities cause global warming.

- v.* to support or strengthen the foundations of something

110. He tried to \_\_\_\_\_ the seedling into a larger pot.

- v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

ANSWERS: 103. render, 104. risky, 105. sect, 106. excited, 107. wheelchairs, 108. rogue, 109. underpin, 110. transplant

111. The frequent performances of the \_\_\_\_\_ prove its popularity.

*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

112. I bought a new tool \_\_\_\_ for my home repair projects.

*n.* a set of tools, supplies, or equipment for a particular purpose

113. The doctor examined the \_\_\_\_\_ on the patient's skin to determine if it was cancerous.

*n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease

114. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

115. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

116. His arm was swollen and \_\_\_\_\_ red.

*adv.* very badly; to a great extent or very much

117. Gandhi had an \_\_\_\_\_ zeal for nonviolence.

*adj.* perfect or complete or to the most considerable degree possible

118. He has absolutely no \_\_\_\_\_ comprehension of maths.

*adj.* related to or founded on ideas, principles

ANSWERS: 111. symphony, 112. kit, 113. lesion, 114. discovery, 115. disrupt, 116. terribly, 117. absolute, 118. conceptual

119. The small island nation is heavily \_\_\_\_\_ on tourism as its main source of income.

*adj.* relying on someone or something else for support or aid

120. I am \_\_\_\_\_ opposed to his idea because of morality.

*adv.* without restriction or limitation; completely or utterly

121. The company announced a quarterly \_\_\_\_\_ of \$0.50 per share.

*n.* a sum of money paid regularly, typically quarterly, by a company to its shareholders out of its profits or reserves

122. \_\_\_\_\_ is better than argument.

*n.* a fact or piece of information that shows something is true or exists

123. Scientists must \_\_\_\_\_ the chemical properties of the new drug before using it on humans.

*v.* to analyze or test a substance for its chemical composition or its quantity; to attempt or try something

124. The data center's \_\_\_\_\_ is impressive, allowing for quick processing of large amounts of data.

*n.* the amount of material or information that can be processed by a system or organization over a given period of time

125. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.

*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

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

*v.* to take action in response to something

ANSWERS: 119. dependent, 120. absolutely, 121. dividend, 122. Proof, 123. assay, 124. throughput, 125. disease, 126. react

127. We had our bedroom \_\_\_\_\_ before winter came.

- v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

128. My grandmother has \_\_\_\_\_ disease requires special care and attention from her caregivers.

- n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

129. The \_\_\_\_\_ team worked quickly to save the patient's life.

- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

130. There are \_\_\_\_\_ differences between the two wine-producing regions.

- adj.* easy to see, discover or understand

131. They awaited news of the \_\_\_\_\_ of the election.

- n.* the result or effect of an action, event, etc.

132. Police will \_\_\_\_\_ random breath testing for drunk driving.

- v.* to organize and carry out a particular activity

133. He is like an exact \_\_\_\_\_ of his brother.

- n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

134. The crowd broke out into \_\_\_\_\_ laughter.

- adj.* happening or being done naturally, often unexpected way, without being made to happen

ANSWERS: 127. insulated, 128. Alzheimer's, 129. medical, 130. obvious, 131. outcome, 132. conduct, 133. clone, 134. spontaneous

135. 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

136. The church's \_\_\_\_\_ on certain issues was deeply ingrained.

*n.* adherence to a conventional or widely accepted set of beliefs or practices, especially in religion or politics; the accepted or established doctrine or teachings of a particular group or institution

137. Sulfur dioxide and nitrogen oxides are the primary \_\_\_\_\_ of acid rain.

*n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth

138. The singer's talent is \_\_\_\_\_ one of the greatest in the music industry

*adv.* without a doubt; certainly; definitely

139. The plant will continue operating through an \_\_\_\_\_ system 24 hours a day.

*adj.* carried out by machines or computers to replace or decrease human labor

140. A \_\_\_\_\_ back pain interfered with his concentration.

*adj.* happening or occurring again periodically or repeatedly

141. We gained various \_\_\_\_\_ by analyzing the vast amount of data owned by the company.

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

142. The economy is growing at a supercharged \_\_\_\_\_.

*n.* the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 135. represent, 136. orthodoxy, 137. precursors, 138. undoubtedly, 139. automated, 140. recurring, 141. insights, 142. pace

143. He narrated the \_\_\_\_\_ story of his adventure.

*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

144. The news of the accident was \_\_\_\_\_ and left many in shock.

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

145. The condo offers \_\_\_\_\_ access to the beach.

*adj.* not divided or shared with others

146. He has \_\_\_\_\_ exercising because of a back injury sustained in an accident.

*n.* a condition or state that causes problems

147. In the hospital, she will remain under constant \_\_\_\_\_.

*n.* the act or activity of carefully examining or monitoring something or someone

148. The \_\_\_\_\_ of this information to the current situation needs to be investigated.

*n.* the state or degree of being closely connected or appropriate to the matter at hand

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

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

150. He did it out of \_\_\_\_\_ to annoy me.

*n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty

ANSWERS: 143. extraordinary, 144. shocking, 145. exclusive, 146. difficulty, 147. observation, 148. relevance, 149. engineer, 150. spite,

151. Energy-efficient \_\_\_\_\_ are needed to maximize the cruising distance of electric vehicles.

- n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

152. This device is used to \_\_\_\_\_ brain cancer and other tumors.

- v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

153. The older man \_\_\_\_\_ from arthritis and finds it difficult to move around.

- v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

154. After his death, his sons \_\_\_\_\_ his business.

- v.* to receive money, property, or a title from someone after they have died

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

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

156. I have to \_\_\_\_\_ my passport by the middle of September.

- v.* to begin or resume something again after an interruption

157. The economic recession \_\_\_\_\_ the housing market.

- v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active

158. He installed fiberglass \_\_\_\_\_ in the wall.

- n.* the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this

ANSWERS: 151. motors, 152. diagnose, 153. suffers, 154. inherited, 155. convert, 156. renew, 157. depressed, 158. insulation

159. He \_\_\_\_\_ the computer's operating system to remove the safeguard.  
*v.* to modify or recreate a program
160. Her \_\_\_\_\_ manner relaxed everyone there.  
*adj.* having or showing a kindly or tender nature; soft and mild
161. The popularity of the show made her an instant \_\_\_\_\_.  
*n.* someone who is well-known, particularly in the entertainment industry
162. \_\_\_\_\_ factors like genetics and personality are key in determining our behavior.  
*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
163. The campaign ad was designed with bright colors and bold fonts for maximum \_\_\_\_\_ impact.  
*adj.* relating to vision or the eyes; relating to or involving light or optics
164. Common salt is a sodium and chlorine \_\_\_\_\_.  
*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
165. Management must take \_\_\_\_\_ responsibility for the accident.  
*adj.* furthest or highest in degree or order
166. The systems we have developed has accepted as industry \_\_\_\_\_.  
*n.* something that is regarded as usual, typical, or standard

ANSWERS: 159. reprogrammed, 160. gentle, 161. celebrity, 162. Endogenous, 163. optic, 164. compound, 165. ultimate, 166. norms