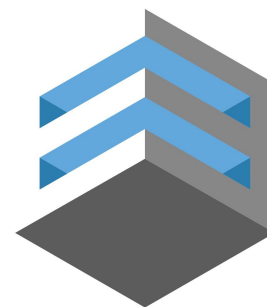


Englist.me



Vocabulary Builder Reference from...

Kay M. Tye: What investigating neural pathways can reveal about mental health | TED Talk

https://www.ted.com/talks/kay_m_tye_what_investigating_neural_pathways_can_reveal_about_mental_health

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

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**.

facet

n. one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something

synonym: aspect, side, angle

(1) **facet** to a question, (2) important **facet**

The different **facets** of his personality make him a complex individual.

neuroscience

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

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

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

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

anxiety

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

synonym: concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge

She waited for her daughter with **anxiety**.

craving

n. a strong desire of wanting something

synonym: desire, appetite, longing

(1) **craving** for revenge, (2) curb our **cravings**

I have a **craving** for nicotine.

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.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak
The committee **investigated** several apparent inconsistencies.

circuit

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

synonym: route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

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.

emotion

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

synonym: feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and backgrounds.

emotional

adj. relating to people's feelings

synonym: affecting, impactful, impressive

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

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

motivate

v. to make someone want to do something, especially something that requires tremendous work and effort

synonym: boost, encourage, inspire

(1) **motivate** the students, (2) all ability to **motivate**

The ability to **motivate** people is a priceless asset.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

modern

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

synonym: contemporary, stylish, current

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

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

label

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

synonym: tag, mark, identifier

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

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

mechanic

n. a person who repairs or maintains machinery or mechanical systems, particularly in automobiles or other vehicles; a person who is skilled in dealing with the details of a machine or system

synonym: technician, repairman, engineer

(1) car **mechanic**, (2) aircraft **mechanic**

I must take my car to the **mechanic** to check the brakes.

hood

n. a covering for the head and neck, especially one attached to a garment

synonym: hoodie, cowl, cloak

(1) **hood** ornament, (2) a silk **hood**

He pulled his waterproof **hood** up to protect himself from the rain.

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.

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**.

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.

optogenetics

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

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

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

unprecedented

adj. never having been seen, done, or known before

synonym: novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business

opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

specific

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

synonym: particular, definite, distinct

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

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

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.

electrical

adj. relating to electricity

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

Actuators convert **electrical** pulses into motion.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

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.

sensitive

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

synonym: exposed, susceptible, keen

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

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

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.

neural

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

synonym: sensory, neuron, nervous

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

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

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

eyespot

n. a rounded eyelike spot on an animal, as on the wings of some butterfly, or the tail of a peacock

(1) a purple **eyespot**, (2) **eyespot** disease

The primary role of the **eyespot** is to deflect attention from predators.

flagellum

n. (plural, flagella) a long, thin, whip-like structure that some cells use for movement

synonym: cilia, whip, appendage

(1) **flagellum** structure, (2) bacterial **flagellum**

The **flagellum** of the sperm cells help it to move towards the egg.

flap

n. a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

synonym: winged object, cover, (verb) flutter

(1) the **flap** of wings, (2) **flap** out a candle

The **flap** of the tent was open, letting in the fresh air.

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym: drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

sunlight

n. the light emitted by the sun; the rays of the sun

synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

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.

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.

modification

n. the act of changing something, usually to improve it, or something changed

synonym: change, amendment, alteration

(1) a **modification** of last year's model, (2) further **modification**

As a result of this **modification**, we have revised our safety measures.

optical

adj. of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

synonym: visual, ocular

(1) new **optical** glasses, (2) **optical** fiber

The **optical** illusion made it appear like the building was floating in midair.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

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**.

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym: frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

- aim** *v.* to try or plan to get or achieve something
synonym: aspire, direct, target
(1) **aim** at a specific target, (2) **aim** to be a nurse
We **aim** for an overseas expansion.
- 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.
- function** *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
synonym: purpose, mapping, job
(1) **function** properly, (2) immune **function**
The brain is an incredibly complex organ that controls the body's **function**.
- tangle** *n.* a confused mass of something twisted together
synonym: knot, snarl, entanglement
(1) in a **tangle**, (2) **tangle** wires
The cords behind my computer were a **tangled** mess.
- mess** *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
synonym: disarray, confusion, predicament
(1) have a whole **mess**, (2) get into a **mess**
He made a frightful **mess** in his room.
- amygdala** *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure,

memory, and the sense of smell

(1) the decline in **amygdala** activity, (2) **amygdala** damage
The **amygdala** has been associated with memories of past emotional events.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym: lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

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**.

resemble

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

synonym: look like, be similar to

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

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

negative

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

synonym: minus, adverse, pessimistic

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

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

abnormal

adj. not typical, usual, or regular, especially in a way that is bad

synonym: aberrant, bizzare, unusual

(1) **abnormal** heart rhythms, (2) **abnormal** cells

An **abnormal** climate in the region caused a sharp decline in grain harvest.

communicate

- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

- (1) **communicate** his anxieties to the psychiatrist,
(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

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.

pathway

- n.* a track that constitutes or serves as a path; an approach or a way of doing something

synonym: route, footpath, trail

- (1) **pathway** to understanding, (2) cellular signaling
pathways

When the first molecule in the **pathway** receives a signal, it activates other molecules.

elevate

- v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

- (1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

maze

- n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through

synonym: labyrinth, puzzle, network

(1) puzzle **maze**, (2) labyrinth **maze**

We got lost in the **maze** of streets while exploring the city.

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**.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

prefer

v. to like, choose, or want one thing or person better than another

synonym: choose, like, favor

(1) **prefer** physics to chemistry, (2) **prefer** a window seat

The birds **prefer** open water areas with reeds around them.

enclose

v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include

synonym: surround, encase, contain

(1) **enclose** a check with a letter, (2) **enclose** area

The walls were **enclosed** to create a private outdoor space.

burrow

v. to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

synonym: tunnel, dig, excavate

(1) **burrow** through the forest, (2) **burrow** into a mystery

You can't **burrow** through solid metal.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body
Infants and pregnant women are particularly **vulnerable**.

predatory

adj. living by eating other animals, especially by catching prey that is still alive

synonym: raptorial, hunting, greedy

(1) a **predatory** bird, (2) **predatory** warfare
The domesticated cat still has its **predatory** instincts.

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.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**
The company's hiring criteria emphasize personality, not a person's **background**.

flip

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

synonym: throw, jump

(1) **flip** over the pork chop, (2) **flip** a coin
He **flipped** when he heard that he had been accepted into the university.

contrast

v. to put in opposition to show or emphasize differences

synonym: differ, vary, counterpoint

(1) **contrast** with a decade ago, (2) **contrast** two things
It's intriguing to compare and **contrast** the two authors.

sedate

adj. calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

synonym: calm, composed, tranquil

(1) **sedate** atmosphere, (2) **sedate** patient

The **sedate** environment of the library was perfect for studying.

locomote

v. to move or travel from one place to another, especially using wheels or legs

synonym: move, travel, go

(1) **locomote** from one place to another, (2) **locomote** on foot

The only way to **locomote** through the rugged terrain was on foot.

impair

v. to damage something or make it weaker or worse

synonym: degrade, mar, deface

(1) **impair** my health, (2) **impair** insulin sensitivity

The accident made his vision **impaired**.

coordinated

adj. effectively arranged or organized so that all the parts work smoothly or systematically together

synonym: collective, unified, cooperative

(1) in a **coordinated** manner, (2) **coordinated** robot system
For greater efficiency, our efforts must be better **coordinated**.

exploration

n. the activity of searching and finding out about something through a place

synonym: inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration**

He called for a careful **exploration** of the consequences.

immediate

adj. happening or done without delay or occurring shortly after something else

synonym: prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past

Both forts were subject to **immediate** attacks.

detectable

adj. capable of being discovered or identified

synonym: perceptible, noticeable, observable

(1) a barely **detectable** change, (2) **detectable** by the human ear

The object is **detectable** at ultraviolet wavelengths.

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**.

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.

scream

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

synonym: cry, shout, yell

(1) **scream** a profanity, (2) **scream** at him to be quiet

She kept **screaming** for an ambulance.

silent

adj. without any or little sound

synonym: quiet, hushed, mute

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

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

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

reversible

adj. capable of being turned or done in the opposite direction or way; capable of being reversed or undone

synonym: invertible, changeable, undoable

(1) **reversible** decision, (2) **reversible** fabrics

The jacket is **reversible** so that you can wear it with the fur lining on the outside or the inside.

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.

elicit

v. to obtain information or a reaction from someone, usually with difficulty

synonym: bring out, obtain, evoke

(1) **elicit** a confession, (2) **elicit** a solution

Have you **elicited** a response from them yet?

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

compulsive

adj. relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that

is harmful or detrimental to one's well-being or relationships

synonym: compelling, obsessive, uncontrollable

(1) **compulsive** gambling, (2) **compulsive** behavior

He had a **compulsive** need to check the stove was turned off every time he left the house.

tasty

adj. having a strong and pleasant flavor when it is eaten

synonym: flavorful, delectable, delicious

(1) **tasty** treats, (2) prepare **tasty** food

This meal wasn't as **tasty** as we had imagined.

hunger

n. a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition

synonym: appetite, craving, starvation

(1) **hunger** pangs, (2) chronic **hunger**

Many people in the world suffer from **hunger** and malnourishment every day.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

devoid

adj. completely lacking or free from something

synonym: empty, lacking, void

(1) **devoid** of life, (2) air **devoid** of pollution

The room was **devoid** of any furniture or decorations.

hypothalamus

n. a basal part of the brain that autonomically controls body temperature, hunger, and the release of hormones

(1) anterior **hypothalamus**, (2) **hypothalamus** hemorrhage

Oxytocin is also produced in the nucleus of the **hypothalamus**.

midbrain

n. a region of the brain that is located beneath the cerebral cortex and is involved in various sensory, motor, and autonomic functions

synonym: mesencephalon, tectum

(1) **midbrain** function, (2) **midbrain** anatomy

Damage to the **midbrain** can result in movement disorders and other neurological issues.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

lick

v. to pass the tongue over something to moisten, taste, or eat

synonym: taste, moisten, sweep

(1) **lick** a teaspoon, (2) **lick** its wounds

She **licked** the envelope to seal it before mailing it.

frenzied

adj. wild, excited, or uncontrolled, often as a result of strong emotions such as anger, fear, or excitement

synonym: frantic, feverish, excited

(1) **frenzied** buying, (2) **frenzied** excitement

The **frenzied** crowd rushed towards the stage at the music festival.

escalate

v. to increase in intensity, size, or severity; to make something greater, worse, or more serious

synonym: increase, intensify, expand

(1) **escalate** into a major international incident, (2) to **escalate**

The situation quickly **escalated** and turned violent.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed
Her response revealed **incredible** idiocy.

tripping

adj. describing a state of mind or perception characterized by altered or distorted sensory experiences, often as a result of taking drugs or psychedelics; stumbling or faltering while walking or moving, often due to a loss of balance or coordination

synonym: trippy, hallucinogenic, mind-altering

(1) **tripping** hazards, (2) **tripping** on acid
Her **tripping** laughter echoed through the room, spreading contagious joy to everyone present.

sufficient

adj. adequate; enough for a particular purpose or requirement

synonym: acceptable, ample, satisfactory

(1) **sufficient** time, (2) self- **sufficient** economy
That candidate does not have **sufficient** means to win an election with certainty.

absence

n. the fact or condition of being away from a place where they are typically anticipated to be

synonym: dearth, scarcity, lack

(1) **absence** from work, (2) a leave of **absence**
Another critical factor of child poverty is the father's **absence**.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome
He **speculated** that this investment would lead to success.

suppress

v. to bring something under control by force or authority; to put an end by force

synonym: subdue, bury, stifle

(1) **suppress** a yawn, (2) **suppress** a revolt

The doctor prescribed medication to **suppress** the patient's appetite.

conscious

adj. being aware of and able to respond to what is happening around you

synonym: aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded
He became **conscious** that he was being followed.

govern

v. to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

synonym: control, rule, preside

(1) a nation's right to **govern**, (2) **govern** a public enterprise
The regulations **governing** medical malpractice claims are rigorous.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

biology

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

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

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

pursue

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

synonym: seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest
He was **naturally** gifted.

psychology

n. the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd
She had a master's degree in **psychology**.

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.

gap

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym: opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**

Many people are working together to close the gender **gap**.

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.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

metaphor

n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

synonym: conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**

She expressed her thought in an artful choice of **metaphors**.

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.

analogous

adj. similar or equivalent in some respects, typically as a result of functioning in a similar way

synonym: similar, comparable, equivalent

(1) **analogous** fashion, (2) entirely **analogous**

The human heart is **analogous** to a pump in a plumbing system.

transmit

v. to send or forward an electronic signal; to pass something from one person or thing to another

synonym: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information

Parents often **transmit** their characteristics to their children.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

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.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

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.

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**.

brick

n. a rectangular block of baked clay used as a building material

synonym: block, tile, paver

(1) **brick** wall, (2) dressed **brick**

The wall was made of hard **bricks** that had been used for centuries.

scarcely

adv. hardly or almost not; only just

synonym: barely, narrowly, hardly

(1) **scarcely** readable, (2) **scarcely** any interest in public

We **scarcely** ever used AEDs.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

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.

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**
The patient displays a **symptom** of a side effect.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality
Hydrogen and oxygen **combine** to form water.

acute

adj. extremely sharp or severe

synonym: sharp, perceptive, keen

(1) **acute** pain, (2) **acute** triangle
The patient died from **acute** alcohol intoxication.

synapse

n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

(1) **synapse** circuit, (2) end at a **synapse**
Animals transmit nerve impulses through **synapses**.

permanent

adj. lasting for a long time without essential change

synonym: lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance
She is searching for a **permanent** residence.

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.

exposure

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

synonym: vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud
The long **exposure** to the air tarnished the antique tableware.

healing

n. the process of becoming or making somebody or something well again

synonym: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process
Each ancient tribe has its **healing** traditions.

long-lasting

adj. existing or continuing for a long time

synonym: enduring, abiding, durable

(1) **long-lasting** battery, (2) a **long-lasting** friendship
They finally decided to solve the **long-lasting** problem.

envision

v. to imagine or expect what a situation will be like in the future

synonym: anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success
We cannot **envision** her as President.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame
Later, his claim was found to be **entirely** false.

rid

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

synonym:

do away with, free, clear

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

We must **rid** ourselves of pollution.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

stigma

n. a mark of shame or disgrace associated with a particular circumstance, quality, or person

synonym: mark, blemish, disgrace

(1) social **stigma**, (2) **stigma** against obesity

The mental health **stigma** often prevents people from seeking treatment.

dramatically

adv. in a very impressive manner

synonym: greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

suicide

n. the act of killing yourself intentionally

synonym: self-destruction, self-annihilation, felo-de-se

(1) commit **suicide**, (2) **suicide** attack

In an economically prosperous country, most male **suicide** is due to child support problems.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

lifetime

n. the duration of someone's life or something's existence;
synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

Session 2: Spelling

- | | |
|------------------------------|--|
| 1. a dr____ic rescue at sea | <i>adj.</i> very sudden, very excellent, or full of action and excitement |
| 2. pl____t like the Earth | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 3. labyrinth m__e | <i>n.</i> a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through |
| 4. co____us effort | <i>adj.</i> being aware of and able to respond to what is happening around you |
| 5. en____er shortage | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software |
| 6. re____nt by a diagram | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute |
| 7. di____se with CT scans | <i>v.</i> to determine or distinguish the nature of a problem or an illness through a careful analysis |
| 8. re____le each other | <i>v.</i> to look like or be similar to someone or something |
| 9. l__k a teaspoon | <i>v.</i> to pass the tongue over something to moisten, taste, or eat |
| 10. a_m at a specific target | <i>v.</i> to try or plan to get or achieve something |

ANSWERS: 1. dramatic, 2. planet, 3. maze, 4. conscious, 5. engineer, 6. represent, 7. diagnose, 8. resemble, 9. lick, 10. aim

11. ac__e pain	<i>adj.</i> extremely sharp or severe
12. fun_____al education	<i>adj.</i> forming an essential base or core from which everything else develops or is affected
13. develop a st____gy	<i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal.
14. re_____am a database	<i>v.</i> to modify or recreate a program
15. anthropology lab_____ry	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
16. sy_____ms of low testosterone	<i>n.</i> any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
17. tr_____it information	<i>v.</i> to send or forward an electronic signal; to pass something from one person or thing to another
18. cultural n__m	<i>n.</i> something that is regarded as usual, typical, or standard
19. lo___e a tumor	<i>v.</i> to specify or determine the exact position of someone or something
20. visual me_____or	<i>n.</i> a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
21. su_____e attack	<i>n.</i> the act of killing yourself intentionally
22. ar__e passionately	<i>v.</i> to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 11. acute, 12. fundamental, 13. strategy, 14. reprogram, 15. laboratory, 16. symptom, 17. transmit, 18. norm, 19. locate, 20. metaphor, 21. suicide, 22. argue

- | | |
|--|---|
| 23. h__d ornament | <i>n.</i> a covering for the head and neck, especially one attached to a garment |
| 24. excite the ne___ns | <i>n.</i> a cell that is specialized to carry information within the brain and between the brain and other parts of the body |
| 25. fa__t to a question | <i>n.</i> one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something |
| 26. the files are in complete di____er | <i>n.</i> 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 |
| 27. inv_____te the matter | <i>v.</i> to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth |
| 28. synthetic fi__r | <i>n.</i> thread or filament used to make a vegetable tissue, mineral material, or textile |
| 29. el___t a solution | <i>v.</i> to obtain information or a reaction from someone, usually with difficulty |
| 30. an Arctic exp_____on | <i>n.</i> the activity of searching and finding out about something through a place |
| 31. a purple ey____t | <i>n.</i> a rounded eyelike spot on an animal, as on the wings of some butterfly, or the tail of a peacock |

ANSWERS: 23. hood, 24. neuron, 25. facet, 26. disorder, 27. investigate, 28. fiber, 29. elicit, 30. exploration, 31. eyespot

- | | |
|------------------------------|---|
| 32. theoretical ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 33. pe_____nt life insurance | <i>adj.</i> lasting for a long time without essential change |
| 34. further mod_____ion | <i>n.</i> the act of changing something, usually to improve it, or something changed |
| 35. pu___e a goal | <i>v.</i> to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them |
| 36. su_____ss a revolt | <i>v.</i> to bring something under control by force or authority; to put an end by force |
| 37. entirely an_____us | <i>adj.</i> similar or equivalent in some respects, typically as a result of functioning in a similar way |
| 38. chronic hu____r | <i>n.</i> a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition |
| 39. a glare of su_____ht | <i>n.</i> the light emitted by the sun; the rays of the sun |
| 40. su_____ss a yawn | <i>v.</i> to bring something under control by force or authority; to put an end by force |
| 41. com_____ve behavior | <i>adj.</i> relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships |

ANSWERS: 32. physicist, 33. permanent, 34. modification, 35. pursue, 36. suppress, 37. analogous, 38. hunger, 39. sunlight, 40. suppress, 41. compulsive

- | | |
|--------------------------------------|---|
| 42. afraid to show em____n | <i>n.</i> a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others |
| 43. coo____ed robot system | <i>adj.</i> effectively arranged or organized so that all the parts work smoothly or systematically together |
| 44. de____e a word | <i>v.</i> to state or explain precisely the nature, scope, or meaning of something |
| 45. all ability to mo____te | <i>v.</i> to make someone want to do something, especially something that requires tremendous work and effort |
| 46. a bac____nd color | <i>n.</i> the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem |
| 47. the____al models | <i>adj.</i> relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience |
| 48. pre-mo____n agricultural society | <i>adj.</i> of or belonging to the present time or recent times |
| 49. su____al ability | <i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger |
| 50. pr____l growth | <i>v.</i> to move, drive or push something forward or in a particular direction, often with a lot of force |
| 51. pr____l the ship | <i>v.</i> to move, drive or push something forward or in a particular direction, often with a lot of force |

ANSWERS: 42. emotion, 43. coordinated, 44. define, 45. motivate, 46. background, 47. theoretical, 48. modern, 49. survival, 50. propel, 51. propel

- | | |
|--|---|
| 52. ci____t breaker | <i>n.</i> (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area |
| 53. com_____ve gambling | <i>adj.</i> relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships |
| 54. for spe_____lly American customers | <i>adv.</i> only associated with or meant for one thing |
| 55. distance g_p | <i>n.</i> a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc. |
| 56. co_____us of having succeeded | <i>adj.</i> being aware of and able to respond to what is happening around you |
| 57. series of exp_____nts | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge |
| 58. a ge_____c disorder | <i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes |
| 59. sc____m a profanity | <i>v.</i> to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice |
| 60. go____n a public enterprise | <i>v.</i> to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services |

ANSWERS: 52. circuit, 53. compulsive, 54. specifically, 55. gap, 56. conscious, 57. experiment, 58. genetic, 59. scream, 60. govern

61. the g_p between ideal and reality	<i>n.</i> a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
62. part of the he_____g process	<i>n.</i> the process of becoming or making somebody or something well again
63. co_____e chemically with another substance	<i>v.</i> to join or merge to form a single thing or group
64. psy_____gy experiment	<i>n.</i> the scientific study of mind and behavior
65. medical l_b	<i>n.</i> a workplace for the conduct of scientific research; a laboratory
66. literature of pe_____nt value	<i>adj.</i> lasting for a long time without essential change
67. field of gene th_____y	<i>n.</i> the act of caring for someone through medication, remedial training, etc.
68. important fa__t	<i>n.</i> one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something
69. mo_____te the students	<i>v.</i> to make someone want to do something, especially something that requires tremendous work and effort
70. ex___e rebellion	<i>v.</i> to make someone feel suddenly enthusiastic or eager
71. rev_____le fabrics	<i>adj.</i> capable of being turned or done in the opposite direction or way; capable of being reversed or undone
72. share my in_____ts	<i>n.</i> the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 61. gap, 62. healing, 63. combine, 64. psychology, 65. lab, 66. permanent, 67. therapy, 68. facet, 69. motivate, 70. excite, 71. reversible, 72. insight

- | | |
|------------------------------------|---|
| 73. el____e educational standards | <i>v.</i> to raise something from a lower to a higher position; to give a promotion to or assign to a higher position |
| 74. in a coo____ed manner | <i>adj.</i> effectively arranged or organized so that all the parts work smoothly or systematically together |
| 75. at inc____le speed | <i>adj.</i> unbelievable; enormous |
| 76. im____e the test score | <i>v.</i> to make or become better |
| 77. cl__e embryo | <i>n.</i> 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 |
| 78. en____on the project's success | <i>v.</i> to imagine or expect what a situation will be like in the future |
| 79. fr____ed excitement | <i>adj.</i> wild, excited, or uncontrolled, often as a result of strong emotions such as anger, fear, or excitement |
| 80. la__l a bag with my name | <i>n.</i> a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category |
| 81. tr____ng hazards | <i>adj.</i> describing a state of mind or perception characterized by altered or distorted sensory experiences, often as a result of taking drugs or psychedelics; stumbling or faltering while walking or moving, often due to a loss of balance or coordination |

ANSWERS: 73. elevate, 74. coordinated, 75. incredible, 76. improve, 77. clone, 78. envision, 79. frenzied, 80. label, 81. tripping

82. di____e control	<i>n.</i> a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
83. he was en____ly to blame	<i>adv.</i> completely
84. re____ve factors	<i>adj.</i> considered and evaluated through comparison with something else
85. a silk h__d	<i>n.</i> a covering for the head and neck, especially one attached to a garment
86. control my em____n	<i>n.</i> a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
87. am____la damage	<i>n.</i> one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
88. br__k wall	<i>n.</i> a rectangular block of baked clay used as a building material
89. a civil en____er	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
90. a facial ti____e	<i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function
91. natural he____g ability	<i>n.</i> the process of becoming or making somebody or something well again
92. car me____ic	<i>n.</i> a person who repairs or maintains machinery or mechanical systems, particularly in automobiles or other vehicles; a person who is skilled in dealing with the details of a machine or system

ANSWERS: 82. disease, 83. entirely, 84. relative, 85. hood, 86. emotion, 87. amygdala, 88. brick, 89. engineer, 90. tissue, 91. healing, 92. mechanic

- | | |
|--|--|
| 93. de____p a strategy | <i>v.</i> 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 |
| 94. de____d of life | <i>adj.</i> completely lacking or free from something |
| 95. give si____t consent | <i>adj.</i> without any or little sound |
| 96. pro____on of disease | <i>n.</i> the act or process of changing to the next stage or phase or moving forward |
| 97. beginning of the industrial
rev____on | <i>n.</i> a large-scale attempt to overthrow the government of a country, often using violence or war; |
| 98. r_d the body of waste products | <i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person |
| 99. ta__y treats | <i>adj.</i> having a strong and pleasant flavor when it is eaten |
| 100. fr____ed buying | <i>adj.</i> wild, excited, or uncontrolled, often as a result of strong emotions such as anger, fear, or excitement |
| 101. get into a m__s | <i>n.</i> a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy |
| 102. su____al food | <i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger |
| 103. the ex____re of a fraud | <i>n.</i> the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret |

ANSWERS: 93. develop, 94. devoid, 95. silent, 96. progression, 97. revolution, 98. rid, 99. tasty, 100. frenzied, 101. mess, 102. survival, 103. exposure

104. ev___e over the past decade	<i>v.</i> to develop gradually, or to cause the development of something or someone gradually
105. th_____y for a patient	<i>n.</i> the act of caring for someone through medication, remedial training, etc.
106. bre_____ugh discovery	<i>n.</i> a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
107. a political rev_____on	<i>n.</i> a large-scale attempt to overthrow the government of a country, often using violence or war;
108. in_____al organs	<i>adj.</i> of or relating to the inside of something
109. former co_____ue	<i>n.</i> one of a group of a coworker, especially in a profession or a business
110. ac__e triangle	<i>adj.</i> extremely sharp or severe
111. ab_____al cells	<i>adj.</i> not typical, usual, or regular, especially in a way that is bad
112. the im_____te past	<i>adj.</i> happening or done without delay or occurring shortly after something else
113. a barely det_____le change	<i>adj.</i> capable of being discovered or identified
114. ill_____te a story	<i>v.</i> to provide pictures, photographs, diagrams, etc. in a book or something for explanation
115. com_____te well with my advisor	<i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals

ANSWERS: 104. evolve, 105. therapy, 106. breakthrough, 107. revolution, 108. internal, 109. colleague, 110. acute, 111. abnormal, 112. immediate, 113. detectable, 114. illustrate, 115. communicate

116. rev_____le decision	<i>adj.</i> capable of being turned or done in the opposite direction or way; capable of being reversed or undone
117. blue al__e	<i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots
118. opt_____ics technique	<i>n.</i> a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
119. lab_____ry accident	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
120. cellular signaling pa_____ys	<i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something
121. get r_d of the rats	<i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person
122. pr___r a window seat	<i>v.</i> to like, choose, or want one thing or person better than another
123. baby with se_____ve skin	<i>adj.</i> able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
124. pr_____ry warfare	<i>adj.</i> living by eating other animals, especially by catching prey that is still alive
125. environmental th___t	<i>n.</i> a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 116. reversible, 117. algae, 118. optogenetics, 119. laboratory, 120. pathway, 121. rid, 122. prefer, 123. sensitive, 124. predatory, 125. threat

126. suf_____nt time	<i>adj.</i> adequate; enough for a particular purpose or requirement
127. designed spe_____lly for men	<i>adv.</i> only associated with or meant for one thing
128. re___e a message	<i>v.</i> 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
129. se_____ve documents	<i>adj.</i> able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
130. lo_____te from one place to another	<i>v.</i> to move or travel from one place to another, especially using wheels or legs
131. ab_____e from work	<i>n.</i> the fact or condition of being away from a place where they are typically anticipated to be
132. bu___w through the forest	<i>v.</i> to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal
133. anterior hyp_____mus	<i>n.</i> a basal part of the brain that autonomically controls body temperature, hunger, and the release of hormones
134. me_____or for death	<i>n.</i> a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

ANSWERS: 126. sufficient, 127. specifically, 128. relate, 129. sensitive, 130. locomote, 131. absence, 132. burrow, 133. hypothalamus, 134. metaphor

- | | |
|-------------------------------------|---|
| 135. pr___r physics to chemistry | <i>v.</i> to like, choose, or want one thing or person better than another |
| 136. lon_____ing battery | <i>adj.</i> existing or continuing for a long time |
| 137. f__p over the pork chop | <i>v.</i> to turn over into a different position quickly; to throw or toss with a light motion |
| 138. diagnosis of an_____y disorder | <i>n.</i> a feeling of worry, nervousness, or unease about something that is happening or might happen in the future |
| 139. mo___n poetry | <i>adj.</i> of or belonging to the present time or recent times |
| 140. de___e my position | <i>v.</i> to state or explain precisely the nature, scope, or meaning of something |
| 141. vul_____le parts of the body | <i>adj.</i> capable of being hurt or influenced physically or mentally |
| 142. mi_____in anatomy | <i>n.</i> a region of the brain that is located beneath the cerebral cortex and is involved in various sensory, motor, and autonomic functions |
| 143. co_____st two things | <i>v.</i> to put in opposition to show or emphasize differences |
| 144. a_m to be a nurse | <i>v.</i> to try or plan to get or achieve something |
| 145. ex_____e our options | <i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it |
| 146. l_b instrument | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |

ANSWERS: 135. prefer, 136. long-lasting, 137. flip, 138. anxiety, 139. modern, 140. define, 141. vulnerable, 142. midbrain, 143. contrast, 144. aim, 145. explore, 146. lab

- | | |
|--|---|
| 147. gen_____ly inherited traits | <i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity |
| 148. en_____e area | <i>v.</i> to surround, as with a fence, wall, or barrier; to put within boundaries; to include |
| 149. sy_____e circuit | <i>n.</i> the fact or state of failing to finish an activity and of stopping using, making, or doing it |
| 150. ne____n cell body | <i>n.</i> a cell that is specialized to carry information within the brain and between the brain and other parts of the body |
| 151. em_____al health | <i>adj.</i> relating to people's feelings |
| 152. a criminal bac_____nd | <i>n.</i> the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem |
| 153. industry-sp_____ic regulations | <i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise |
| 154. a theoretical concept in
neu_____nce | <i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system |
| 155. have a ne_____ve effect | <i>adj.</i> having the quality of something bad or harmful; expressing refusal |
| 156. a vul_____le bridge | <i>adj.</i> capable of being hurt or influenced physically or mentally |

ANSWERS: 147. genetically, 148. enclose, 149. synapse, 150. neuron, 151. emotional, 152. background, 153. specific, 154. neuroscience, 155. negative, 156. vulnerable

157. re_____am a device	<i>v.</i> to modify or recreate a program
158. co_____st with a decade ago	<i>v.</i> to put in opposition to show or emphasize differences
159. the decline in am_____la activity	<i>n.</i> one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
160. exp_____nt design	<i>n.</i> the scientific test conducted to observe what happens and gain new knowledge
161. in a ta_____e	<i>n.</i> a confused mass of something twisted together
162. a pr_____ry bird	<i>adj.</i> living by eating other animals, especially by catching prey that is still alive
163. in direct su_____ht	<i>n.</i> the light emitted by the sun; the rays of the sun
164. basic br___n function	<i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling
165. op_____l fiber	<i>adj.</i> of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
166. ne____l stem cells	<i>adj.</i> of or relating to a nerve or the nervous system that includes the brain
167. sc_____ly readable	<i>adv.</i> hardly or almost not; only just
168. end at a sy_____e	<i>n.</i> the fact or state of failing to finish an activity and of stopping using, making, or doing it

ANSWERS: 157. reprogram, 158. contrast, 159. amygdala, 160. experiment, 161. tangle, 162. predatory, 163. sunlight, 164. brain, 165. optical, 166. neural, 167. scarcely, 168. synapse

- | | | |
|--|----|--|
| 169. f__p a coin | v. | to turn over into a different position quickly; to throw or toss with a light motion |
| 170. 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 |
| 171. es_____te into a major international incident | v. | to increase in intensity, size, or severity; to make something greater, worse, or more serious |
| 172. 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 |
| 173. tr_____it the disease | v. | to send or forward an electronic signal; to pass something from one person or thing to another |
| 174. l__k its wounds | v. | to pass the tongue over something to moisten, taste, or eat |
| 175. fu_____on properly | n. | the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose |
| 176. ev___e | v. | to develop gradually, or to cause the development of something or someone gradually |

ANSWERS: 169. flip, 170. relate, 171. escalate, 172. disorder, 173. transmit, 174. lick, 175. function, 176. evolve

- | | |
|---|--|
| 177. bu___w into a mystery | <i>v.</i> to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal |
| 178. a mailing la__l | <i>n.</i> a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category |
| 179. li_____me benefits | <i>n.</i> the duration of someone's life or something's existence; |
| 180. ex___e the crowd | <i>v.</i> to make someone feel suddenly enthusiastic or eager |
| 181. future of space exp_____on | <i>n.</i> the activity of searching and finding out about something through a place |
| 182. a mod_____ion of last year's model | <i>n.</i> the act of changing something, usually to improve it, or something changed |
| 183. aircraft me_____ic | <i>n.</i> a person who repairs or maintains machinery or mechanical systems, particularly in automobiles or other vehicles; a person who is skilled in dealing with the details of a machine or system |
| 184. si___t reading | <i>adj.</i> without any or little sound |
| 185. keen per_____on | <i>n.</i> a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses |
| 186. make dr_____ic changes | <i>adj.</i> very sudden, very excellent, or full of action and excitement |

ANSWERS: 177. burrow, 178. label, 179. lifetime, 180. excite, 181. exploration, 182. modification, 183. mechanic, 184. silent, 185. perception, 186. dramatic

187. det_____le by the human ear	<i>adj.</i> capable of being discovered or identified
188. degree in ele_____al engineering	<i>adj.</i> relating to electricity
189. int_____on among human beings	<i>n.</i> the act of connecting with someone, mainly when working, playing, or spending time with them
190. unp_____ted boom	<i>adj.</i> never having been seen, done, or known before
191. na_____ly arising	<i>adv.</i> as might be expected; by natural manners
192. permanent br__n damage	<i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling
193. have a whole m__s	<i>n.</i> a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
194. the great di_____ry of the century	<i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known
195. cell and molecular bi_____y	<i>n.</i> the scientific study of life and the natural processes of living things
196. act as a pi_____r	<i>n.</i> inventor; explorer; someone who is among the first to achieve something
197. cr_____g for revenge	<i>n.</i> a strong desire of wanting something
198. sp_____te about the reason	<i>v.</i> to form a theory or conjecture or guess about a subject without solid evidence
199. ill_____te a key point	<i>v.</i> to provide pictures, photographs, diagrams, etc. in a book or something for explanation

ANSWERS: 187. detectable, 188. electrical, 189. interaction, 190. unprecedented, 191. naturally, 192. brain, 193. mess, 194. discovery, 195. biology, 196. pioneer, 197. craving, 198. speculate, 199. illustrate

200. collaborate with co_____ues	<i>n.</i> one of a group of a coworker, especially in a profession or a business
201. de___e a question	<i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options
202. co_____e augmented reality	<i>v.</i> to join or merge to form a single thing or group
203. de___e on a course of action	<i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options
204. bre_____ugh in the negotiations	<i>n.</i> a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
205. imm_____ly recall a product	<i>adv.</i> now or without delay
206. carbon fi__r	<i>n.</i> thread or filament used to make a vegetable tissue, mineral material, or textile
207. el_____e a close relationship	<i>v.</i> to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
208. im___r my health	<i>v.</i> to damage something or make it weaker or worse
209. emotionally una_____ed	<i>adj.</i> not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable
210. air de___d of pollution	<i>adj.</i> completely lacking or free from something

ANSWERS: 200. colleague, 201. decide, 202. combine, 203. decide, 204. breakthrough, 205. immediately, 206. fiber, 207. elevate, 208. impair, 209. unaffected, 210. devoid

211. social st___a	<i>n.</i> a mark of shame or disgrace associated with a particular circumstance, quality, or person
212. im_____e a process	<i>v.</i> to make or become better
213. en_____ly satisfied with the meal	<i>adv.</i> completely
214. de_____p a skill	<i>v.</i> 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
215. ab_____al heart rhythms	<i>adj.</i> not typical, usual, or regular, especially in a way that is bad
216. economic th___t	<i>n.</i> a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
217. fl_____um structure	<i>n.</i> (plural, flagella) a long, thin, whip-like structure that some cells use for movement
218. an_____y for knowledge	<i>n.</i> a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
219. the branch of neu_____nce	<i>n.</i> the scientific study of the function, structure, and disorder of the brain and the nervous system
220. hyp_____mus hemorrhage	<i>n.</i> a basal part of the brain that autonomically controls body temperature, hunger, and the release of hormones

ANSWERS: 211. stigma, 212. improve, 213. entirely, 214. develop, 215. abnormal, 216. threat, 217. flagellum, 218. anxiety, 219. neuroscience, 220. hypothalamus

221. take im_____te effect	<i>adj.</i> happening or done without delay or occurring shortly after something else
222. curb our cr_____gs	<i>n.</i> a strong desire of wanting something
223. a ne_____ve number	<i>adj.</i> having the quality of something bad or harmful; expressing refusal
224. new op_____l glasses	<i>adj.</i> of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
225. inc_____le amount	<i>adj.</i> unbelievable; enormous
226. have ge_____c testing	<i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes
227. the cabin pressure fell dra_____lly	<i>adv.</i> in a very impressive manner
228. federal ci_____t courts	<i>n.</i> (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
229. una_____ed by weather	<i>adj.</i> not influenced or emotionally impacted by external factors or events; calm, composed, and emotionally stable
230. st___a against obesity	<i>n.</i> a mark of shame or disgrace associated with a particular circumstance, quality, or person
231. n___m of action	<i>n.</i> something that is regarded as usual, typical, or standard
232. recombinant cl___e	<i>n.</i> 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

ANSWERS: 221. immediate, 222. craving, 223. negative, 224. optical, 225. incredible, 226. genetic, 227. dramatically, 228. circuit, 229. unaffected, 230. stigma, 231. norm, 232. clone

233. sc___m at him to be quiet	<i>v.</i> to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice
234. ne___l networks in AI	<i>adj.</i> of or relating to a nerve or the nervous system that includes the brain
235. ess_____ly correct	<i>adv.</i> relating to the essential features or concepts of anything
236. di_____se the problem	<i>v.</i> to determine or distinguish the nature of a problem or an illness through a careful analysis
237. sc_____ly any interest in public	<i>adv.</i> hardly or almost not; only just
238. pu___e freedoms	<i>v.</i> to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
239. a remote re_____ve	<i>adj.</i> considered and evaluated through comparison with something else
240. bacterial fl_____um	<i>n.</i> (plural, flagella) a long, thin, whip-like structure that some cells use for movement
241. mi_____in function	<i>n.</i> a region of the brain that is located beneath the cerebral cortex and is involved in various sensory, motor, and autonomic functions
242. the in_____al economy	<i>adj.</i> of or relating to the inside of something
243. se___e atmosphere	<i>adj.</i> calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

ANSWERS: 233. scream, 234. neural, 235. essentially, 236. diagnose, 237. scarcely, 238. pursue, 239. relative, 240. flagellum, 241. midbrain, 242. internal, 243. sedate

244. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
245. 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
246. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
247. ta_____e wires *n.* a confused mass of something twisted together
248. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
249. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
250. a southern ex_____re *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
251. an ele_____al storm *adj.* relating to electricity
252. neurotic sy_____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

ANSWERS: 244. investigate, 245. disease, 246. explore, 247. tangle, 248. represent, 249. planet, 250. exposure, 251. electrical, 252. symptom

- | | |
|------------------------------|--|
| 253. en____on the future | <i>v.</i> to imagine or expect what a situation will be like in the future |
| 254. the____al physicist | <i>adj.</i> relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience |
| 255. evolutionary bi____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 256. become ess____ly same | <i>adv.</i> relating to the essential features or concepts of anything |
| 257. a profound in____t | <i>n.</i> the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like |
| 258. dressed br__k | <i>n.</i> a rectangular block of baked clay used as a building material |
| 259. per____on of a stimulus | <i>n.</i> a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses |
| 260. su____e a blizzard | <i>v.</i> to live or exist despite a dangerous event or period |
| 261. re____le her mother | <i>v.</i> to look like or be similar to someone or something |
| 262. ar__e a case | <i>v.</i> to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others |

ANSWERS: 253. envision, 254. theoretical, 255. biology, 256. essentially, 257. insight, 258. brick, 259. perception, 260. survive, 261. resemble, 262. argue

263. unp_____ted business opportunity	<i>adj.</i> never having been seen, done, or known before
264. puzzle m__e	<i>n.</i> a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
265. sp_____te on the outcome	<i>v.</i> to form a theory or conjecture or guess about a subject without solid evidence
266. a scientific di_____ry	<i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known
267. to es_____te	<i>v.</i> to increase in intensity, size, or severity; to make something greater, worse, or more serious
268. su_____e a plane crash	<i>v.</i> to live or exist despite a dangerous event or period
269. loss of muscle ti___e	<i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function
270. pro_____on of civilization	<i>n.</i> the act or process of changing to the next stage or phase or moving forward
271. the f__p of wings	<i>n.</i> a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
272. prepare ta__y food	<i>adj.</i> having a strong and pleasant flavor when it is eaten
273. lo___e a missing pet	<i>v.</i> to specify or determine the exact position of someone or something

ANSWERS: 263. unprecedented, 264. maze, 265. speculate, 266. discovery, 267. escalate, 268. survive, 269. tissue, 270. progression, 271. flap, 272. tasty, 273. locate

274. lo____te on foot	<i>v.</i> to move or travel from one place to another, especially using wheels or legs
275. the int_____on between man and his environment	<i>n.</i> the act of connecting with someone, mainly when working, playing, or spending time with them
276. self-suf_____nt economy	<i>adj.</i> adequate; enough for a particular purpose or requirement
277. write him an answer imm_____ly	<i>adv.</i> now or without delay
278. f__p out a candle	<i>n.</i> a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
279. opt_____ics manipulation	<i>n.</i> a branch of biotechnology that involves the use of light to control the activity of genetically modified cells or neurons in living tissue, often used in neuroscience research
280. fun_____al rights	<i>adj.</i> forming an essential base or core from which everything else develops or is affected
281. al__e biofuel	<i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots
282. commit su_____e	<i>n.</i> the act of killing yourself intentionally
283. talented ph_____st	<i>n.</i> a scientist who specializes in the field of physics
284. hu___r pangs	<i>n.</i> a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition

ANSWERS: 274. locomote, 275. interaction, 276. sufficient, 277. immediately, 278. flap, 279. optogenetics, 280. fundamental, 281. algae, 282. suicide, 283. physicist, 284. hunger

285. em_____al distress	<i>adj.</i> relating to people's feelings
286. a leave of ab_____e	<i>n.</i> the fact or condition of being away from a place where they are typically anticipated to be
287. ey_____t disease	<i>n.</i> a rounded eyelike spot on an animal, as on the wings of some butterfly, or the tail of a peacock
288. an_____us fashion	<i>adj.</i> similar or equivalent in some respects, typically as a result of functioning in a similar way
289. gen_____ly manipulated plant	<i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
290. na_____ly regenerated forest	<i>adv.</i> as might be expected; by natural manners
291. a lon_____ing friendship	<i>adj.</i> existing or continuing for a long time
292. com_____te his anxieties to the psychiatrist	<i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals
293. sp_____ic instructions	<i>adj.</i> clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
294. a nation's right to go____n	<i>v.</i> to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

ANSWERS: 285. emotional, 286. absence, 287. eyespot, 288. analogous, 289. genetically, 290. naturally, 291. long-lasting, 292. communicate, 293. specific, 294. govern

295. pa____y to understanding	<i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something
296. military st____gy	<i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal.
297. immune fu____on	<i>n.</i> the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
298. psy_____gy of crowd	<i>n.</i> the scientific study of mind and behavior
299. he confessed dra_____lly	<i>adv.</i> in a very impressive manner
300. el____t a confession	<i>v.</i> to obtain information or a reaction from someone, usually with difficulty
301. li_____me ban from the sport	<i>n.</i> the duration of someone's life or something's existence;
302. en_____e a check with a letter	<i>v.</i> to surround, as with a fence, wall, or barrier; to put within boundaries; to include
303. im____r insulin sensitivity	<i>v.</i> to damage something or make it weaker or worse
304. early pi____rs	<i>n.</i> inventor; explorer; someone who is among the first to achieve something
305. se____e patient	<i>adj.</i> calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

ANSWERS: 295. pathway, 296. strategy, 297. function, 298. psychology, 299. dramatically, 300. elicit, 301. lifetime, 302. enclose, 303. impair, 304. pioneer, 305. sedate

306. tr____ng on acid

adj. describing a state of mind or perception characterized by altered or distorted sensory experiences, often as a result of taking drugs or psychedelics; stumbling or faltering while walking or moving, often due to a loss of balance or coordination

ANSWERS: 306. tripping

Session 3: Fill in the Blanks

1. The accident made his vision _____.
v. to damage something or make it weaker or worse
2. 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
3. The regulations _____ medical malpractice claims are rigorous.
v. to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
4. She _____ the envelope to seal it before mailing it.
v. to pass the tongue over something to moisten, taste, or eat
5. The teacher is very _____ to children's feelings.
adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
6. The doctor prescribed medication to _____ the patient's appetite.
v. to bring something under control by force or authority; to put an end by force
7. Radiation from _____ has a different wavelength.
n. the light emitted by the sun; the rays of the sun
8. Actuators convert _____ pulses into motion.
adj. relating to electricity

ANSWERS: 1. impaired, 2. disorder, 3. governing, 4. licked, 5. sensitive, 6. suppress, 7. sunlight, 8. electrical

9. Life expectancy has grown _____ this century.

adv. in a very impressive manner

10. The statement had a _____ impact on house prices.

adj. very sudden, very excellent, or full of action and excitement

11. He pulled his waterproof _____ up to protect himself from the rain.

n. a covering for the head and neck, especially one attached to a garment

12. This ad campaign is aimed _____ at young women.

adv. only associated with or meant for one thing

13. You can't _____ through solid metal.

v. to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

14. The _____ will repair my telephone tomorrow morning.

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

15. _____ has jammed the inlet to the water turbine.

n. A simple plant that grows in or near water and lacks typical leaves and roots

16. Each ancient tribe has its _____ traditions.

n. the process of becoming or making somebody or something well again

17. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 9. dramatically, 10. dramatic, 11. hood, 12. specifically, 13. burrow, 14. engineer, 15. Algae, 16. healing, 17. planet

18. Another critical factor of child poverty is the father's _____.
n. the fact or condition of being away from a place where they are typically anticipated to be
19. The ____ of the tent was open, letting in the fresh air.
n. a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
20. She waited for her daughter with _____.
n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
21. The mental health _____ often prevents people from seeking treatment.
n. a mark of shame or disgrace associated with a particular circumstance, quality, or person
22. The brothers _____ each other in the hobby.
v. to look like or be similar to someone or something
23. It's intriguing to compare and _____ the two authors.
v. to put in opposition to show or emphasize differences
24. He made a frightful ____ in his room.
n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
25. Animals transmit nerve impulses through _____.
n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

ANSWERS: 18. absence, 19. flap, 20. anxiety, 21. stigma, 22. resemble, 23. contrast, 24. mess, 25. synapses

26. The couple began to _____ over which restaurant to go to for dinner.
- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
27. Have you _____ a response from them yet?
- v.* to obtain information or a reaction from someone, usually with difficulty
28. Their headquarters are in a _____ skyscraper.
- adj.* of or belonging to the present time or recent times
29. The company's hiring criteria emphasize personality, not a person's _____.
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
30. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
31. The human heart is _____ to a pump in a plumbing system.
- adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
32. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
33. Many people in the world suffer from _____ and malnourishment every day.
- n.* a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition

ANSWERS: 26. argue, 27. elicited, 28. modern, 29. background, 30. interaction, 31. analogous, 32. lab, 33. hunger

34. He _____ the computer's operating system to remove the safeguard.
v. to modify or recreate a program
35. The room was _____ of any furniture or decorations.
adj. completely lacking or free from something
36. The patient displays a _____ of a side effect.
n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
37. Many people are working together to close the gender _____.
n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
38. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
39. Infants and pregnant women are particularly _____.
adj. capable of being hurt or influenced physically or mentally
40. 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
41. 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
42. The cords behind my computer were a _____ mess.
n. a confused mass of something twisted together

ANSWERS: 34. reprogrammed, 35. devoid, 36. symptom, 37. gap, 38. negative, 39. vulnerable, 40. clone, 41. neuron, 42. tangled

43. Both forts were subject to _____ attacks.

adj. happening or done without delay or occurring shortly after something else

44. As a result of this _____ we have revised our safety measures.

n. the act of changing something, usually to improve it, or something changed

45. She couldn't _____ whether to order the pizza or the pasta for dinner.

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

46. 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

47. He was _____ gifted.

adv. as might be expected; by natural manners

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

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

49. The _____ illusion made it appear like the building was floating in midair.

adj. of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

50. The ability to _____ people is a priceless asset.

v. to make someone want to do something, especially something that requires tremendous work and effort

ANSWERS: 43. immediate, 44. modification, 45. decide, 46. diagnose, 47. naturally, 48. neuroscience, 49. optical, 50. motivate

51. Dolphins use sound to _____ with each other.

- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

52. Most countries prohibit sexual activity between certain close _____.

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

53. The _____ of the sperm cells help it to move towards the egg.

- n.* (plural, flagella) a long, thin, whip-like structure that some cells use for movement

54. We _____ ever used AEDs.

- adv.* hardly or almost not; only just

55. 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

56. To advance this discussion, we must _____ "success" rigorously.

- v.* to state or explain precisely the nature, scope, or meaning of something

57. 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

58. The company's financial records _____ how successful it has been.

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

ANSWERS: 51. communicate, 52. relatives, 53. flagellum, 54. scarcely, 55. relate, 56. define, 57. breakthroughs, 58. illustrate

59. The walls were _____ to create a private outdoor space.

v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include

60. In junior high school, we had to dissect a frog in _____ class.

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

61. He evaluated his chances for _____ rather pessimistically.

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

62. The jacket is _____ so that you can wear it with the fur lining on the outside or the inside.

adj. capable of being turned or done in the opposite direction or way; capable of being reversed or undone

63. She had lived through two world wars in her _____.

n. the duration of someone's life or something's existence;

64. The robot can accurately _____ construction material.

v. to specify or determine the exact position of someone or something

65. The prime minister canceled visits to other countries to resolve _____ disputes.

adj. of or relating to the inside of something

66. The _____ crowd rushed towards the stage at the music festival.

adj. wild, excited, or uncontrolled, often as a result of strong emotions such as anger, fear, or excitement

ANSWERS: 59. enclosed, 60. biology, 61. survival, 62. reversible, 63. lifetime, 64. locate, 65. internal, 66. frenzied

67. 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

68. She intends to _____ a political career.

v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

69. The management must _____ strategies to increase office security.

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

70. 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

71. When the first molecule in the _____ receives a signal, it activates other molecules.

n. a track that constitutes or serves as a path; an approach or a way of doing something

72. 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

73. Eating food in a hurry _____ blood glucose levels.

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

ANSWERS: 67. unaffected, 68. pursue, 69. explore, 70. represent, 71. pathway, 72. develop, 73. elevates

74. John Whitney was a computer animation _____.

n. inventor; explorer; someone who is among the first to achieve something

75. Some _____ are common across cultures and backgrounds.

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

76. Later, his claim was found to be _____ false.

adv. completely

77. Damage to the _____ can result in movement disorders and other neurological issues.

n. a region of the brain that is located beneath the cerebral cortex and is involved in various sensory, motor, and autonomic functions

78. 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

79. There was a disturbance of _____ function.

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

80. She is searching for a _____ residence.

adj. lasting for a long time without essential change

81. The company has made great strides in its _____ toward sustainability.

n. the act or process of changing to the next stage or phase or moving forward

ANSWERS: 74. pioneer, 75. emotions, 76. entirely, 77. midbrain, 78. threat, 79. neural, 80. permanent, 81. progression

82. We want to _____ ties between our two countries.

v. to make or become better

83. 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

84. 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

85. The patient died from _____ alcohol intoxication.

adj. extremely sharp or severe

86. His _____ showed highly positive results.

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

87. She kept _____ for an ambulance.

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

88. He called for a careful _____ of the consequences.

n. the activity of searching and finding out about something through a place

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

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

ANSWERS: 82. improve, 83. insights, 84. tissue, 85. acute, 86. experiments, 87. screaming, 88. exploration, 89. optogenetics

90. The _____ has been associated with memories of past emotional events.
n. one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
91. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
92. She had a master's degree in _____.
n. the scientific study of mind and behavior
93. An increase in employment helps _____ economic growth.
v. to move, drive or push something forward or in a particular direction, often with a lot of force
94. The birds _____ open water areas with reeds around them.
v. to like, choose, or want one thing or person better than another
95. The _____ on the food package lists the ingredients and nutritional information.
n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
96. Oxytocin is also produced in the nucleus of the _____.
n. a basal part of the brain that autonomically controls body temperature, hunger, and the release of hormones
97. 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
98. He had a _____ need to check the stove was turned off every time he left the house.
adj. relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships

ANSWERS: 90. amygdala, 91. norms, 92. psychology, 93. propel, 94. prefer, 95. label, 96. hypothalamus, 97. colleague, 98. compulsive

99. For greater efficiency, our efforts must be better _____.

adj. effectively arranged or organized so that all the parts work smoothly or systematically together

100. The primary role of the _____ is to deflect attention from predators.

n. a rounded eyelike spot on an animal, as on the wings of some butterfly, or the tail of a peacock

101. We cannot _____ her as President.

v. to imagine or expect what a situation will be like in the future

102. 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

103. Her _____ laughter echoed through the room, spreading contagious joy to everyone present.

adj. describing a state of mind or perception characterized by altered or distorted sensory experiences, often as a result of taking drugs or psychedelics; stumbling or faltering while walking or moving, often due to a loss of balance or coordination

104. The different _____ of his personality make him a complex individual.

n. one of the many aspects or sides of a subject or situation, especially when seen from different angles or perspectives; a particular feature or characteristic of something

105. Human behavior has _____ characteristics.

adj. forming an essential base or core from which everything else develops or is affected

ANSWERS: 99. coordinated, 100. eyespots, 101. envision, 102. discovery, 103. tripping, 104. facets, 105. fundamental

106. Animal protection groups call for an end to animal testing in a _____.

n. a workplace for doing scientific research or teaching science; a lab

107. The _____ environment of the library was perfect for studying.

adj. calm, tranquil, and composed, often as a result of being under the influence of a sedative or tranquilizer; unhurried, deliberate, and without excessive movement or activity

108. She expressed her thought in an artful choice of _____.

n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

109. He _____ when he heard that he had been accepted into the university.

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

110. A suspension order from the court is effective _____.

adv. now or without delay

111. This meal wasn't as _____ as we had imagined.

adj. having a strong and pleasant flavor when it is eaten

112. I must take my car to the _____ to check the brakes.

n. a person who repairs or maintains machinery or mechanical systems, particularly in automobiles or other vehicles; a person who is skilled in dealing with the details of a machine or system

113. 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

ANSWERS: 106. laboratory, 107. sedate, 108. metaphors, 109. flipped, 110. immediately, 111. tasty, 112. mechanic, 113. disease

114. They finally decided to solve the _____ problem.

adj. existing or continuing for a long time

115. I underwent aversion _____ for my addiction to alcohol.

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

116. Absolute zero is the lowest _____ temperature.

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

117. Hydrogen and oxygen _____ to form water.

v. to join or merge to form a single thing or group

118. We ____ for an overseas expansion.

v. to try or plan to get or achieve something

119. Our plan includes a comprehensive marketing _____.

n. a detailed plan of action designed to achieve a long-term or overall goal.

120. The situation quickly _____ and turned violent.

v. to increase in intensity, size, or severity; to make something greater, worse, or more serious

121. The wall was made of hard _____ that had been used for centuries.

n. a rectangular block of baked clay used as a building material

122. In an economically prosperous country, most male _____ is due to child support problems.

n. the act of killing yourself intentionally

ANSWERS: 114. long-lasting, 115. therapy, 116. theoretical, 117. combine, 118. aim, 119. strategy, 120. escalated, 121. bricks, 122. suicide

123. We must ____ ourselves of pollution.

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

124. The brain is an incredibly complex organ that controls the body's _____.

- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

125. These birds can only _____ in temperate climates.

- v.* to live or exist despite a dangerous event or period

126. The _____ by the citizen resulted in a redistribution of wealth.

- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

127. The domesticated cat still has its _____ instincts.

- adj.* living by eating other animals, especially by catching prey that is still alive

128. 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

129. Her response revealed _____ idiocy.

- adj.* unbelievable; enormous

130. The long _____ to the air tarnished the antique tableware.

- n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

ANSWERS: 123. rid, 124. function, 125. survive, 126. revolution, 127. predatory, 128. brain, 129. incredible, 130. exposure

131. The scientist conducted a study that provided _____ details about the species' behavior.

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

132. The politician remained _____ despite intense media scrutiny.

adj. without any or little sound

133. An _____ climate in the region caused a sharp decline in grain harvest.

adj. not typical, usual, or regular, especially in a way that is bad

134. The object is _____ at ultraviolet wavelengths.

adj. capable of being discovered or identified

135. Parents often _____ their characteristics to their children.

v. to send or forward an electronic signal; to pass something from one person or thing to another

136. He is a man admired for the depth of his _____.

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

137. Einstein was an outstanding and famous _____ of the 20th century.

n. a scientist who specializes in the field of physics

138. Eyeless fish _____ in dark caves.

v. to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 131. specific, 132. silent, 133. abnormal, 134. detectable, 135. transmit, 136. perception, 137. physicist, 138. evolved

139. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

140. The only way to _____ through the rugged terrain was on foot.

v. to move or travel from one place to another, especially using wheels or legs

141. I have a _____ for nicotine.

n. a strong desire of wanting something

142. The _____ modified crops were resistant to pests and required less water.

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

143. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

144. He became _____ that he was being followed.

adj. being aware of and able to respond to what is happening around you

145. The committee _____ several apparent inconsistencies.

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

146. An intelligent battery has a voltage monitoring _____.

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

147. Human _____ responses vary widely depending on the society to which they belong.

adj. relating to people's feelings

ANSWERS: 139. Essentially, 140. locomote, 141. craving, 142. genetically, 143. excited, 144. conscious, 145. investigated, 146. circuit, 147. emotional

148. We must consume dietary _____ to maintain good health.

n. thread or filament used to make a vegetable tissue, mineral material, or textile

149. He _____ that this investment would lead to success.

v. to form a theory or conjecture or guess about a subject without solid evidence

150. 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

151. We got lost in the _____ of streets while exploring the city.

n. a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through

152. That candidate does not have _____ means to win an election with certainty.

adj. adequate; enough for a particular purpose or requirement

153. _____ amounts of heckling and slogan-shouting took place throughout the event.

adj. never having been seen, done, or known before

ANSWERS: 148. fiber, 149. speculated, 150. genetic, 151. maze, 152. sufficient, 153. Unprecedented