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Vocabulary Builder Reference from...

Antonio Damasio: The quest to understand consciousness | TED Talk

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

All Words

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Session 1: Word List

mystery

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

synonym : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

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.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

recover

v. to return to a former condition, health, mind, or strength

synonym : come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings
She is still **recovering** from a shot to her shoulder.

existence

n. the state or fact of someone or something existing
synonym: fact, being, reality

(1) the biggest tree in **existence**, (2) the struggle for **existence**

He was an atheist and therefore did not believe in the **existence** of heaven or hell.

pause

v. to take a short break from talking or doing something before continuing

synonym: halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

possibility

n. a chance that something may happen or be true

synonym: chance, prospect, likelihood

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

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

whatsoever

adv. not at all; no matter what

synonym: in any way, at all, in any respect

(1) **whatsoever** it be, (2) without impact **whatsoever**

He refused to do anything **whatsoever** to help her.

humanity

n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

synonym: humankind, society, human race

(1) **humanity** at large, (2) mass of **humanity**

They donated large sums of money for the development of **humanity**.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

blame

v. to think or say that someone or something did something wrong or is responsible for something bad

synonym: condemn, rebuke, find fault with

(1) **blame** circumstances for the failure, (2) **blame** the lack of knowledge

We **blamed** our impeded progress on lack of money.

transcendent

adj. going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime

synonym: beyond human experience, divine, spiritual

(1) **transcendent** wisdom, (2) **transcendent** joy

The **transcendent** beauty of the Grand Canyon took his breath away.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

elucidate

v. to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement

synonym: clarify, explain, expound

(1) **elucidate** the entire incident, (2) **elucidate** phenomena

The teacher needed to **elucidate** the complex math problem before the students could solve it.

philosophy

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

synonym: doctrine, attitude, creed

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

Ethics is a branch of **philosophy**.

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**.

resist

v. to refuse to accept something and attempt to prevent it from happening

synonym: fight, defy, revolt

(1) **resist** temptation, (2) **resist** being kissed

I chose to **resist** cancer by trying every possible treatment.

controversy

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

synonym: disagreement, dispute, argument

(1) **controversy** among researchers, (2) arouse **controversy**

They entered into **controversy** with the member of the ruling party.

ridiculous

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

synonym: absurd, fatuous, foolish

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

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

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym: assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

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**.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

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**.

reconstruction

n. the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition

synonym: rebuilding, remodeling, renovation

(1) **reconstruction** aid, (2) **reconstruction** aid

The government announced a plan for the **reconstruction** of the city's infrastructure.

studied

adj. deliberately considered or scrutinized; carefully thought out or planned

synonym: thoughtful, deliberate, calculated

(1) **studied** analysis, (2) well- **studied** decision

His speech was carefully crafted and delivered with **studied** confidence.

autopsy

n. a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

synonym: postmortem examination, necropsy, examination

(1) forensic **autopsy**, (2) perform an **autopsy**

The **autopsy** report revealed that the cause of death was a heart attack.

amaze

v. to fill with wonder, surprise, or admiration

synonym: astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

underneath

adv. under or below something else

synonym: below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

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.

correspond

v. to match or be similar to something else almost exactly; to exchange messages

synonym: match, equate, communicate

(1) **correspond** to a standard, (2) **correspond** with a foreign student

The numbers on the sign **correspond** to points on the map.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym : group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

axon

n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

(1) an **axon** of a nerve cell, (2) the **axon** terminals

We are developing a technology to promote the elongation and regeneration of sensory nerve **axons**.

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.

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**.

disappoint

v. to fail to meet someone or their hopes or expectations; to make someone feel sad

synonym : sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me

She worked very hard not to **disappoint** her boss's expectations.

vice

n. wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person

synonym : corruption, depravity, evil

(1) virtue and **vice**, (2) **vice-chair** of the committee

Cats hate dogs and **vice** versa.

anesthesia

n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**
He is in general **anesthesia** under the surgeon.

regain

v. to get something back or recover something after it has been lost or taken away

synonym: recover, reclaim, retrieve

(1) **regain** our reputation, (2) **regain** my health

After years of hard work, he finally **regained** his financial stability.

dreamless

adj. without dreams or dreaming; not characterized by or associated with dreams

synonym: unconscious, comatose, unaware

(1) child in **dreamless** slumber, (2) **dreamless** nights

After a long day of work, he fell into a deep, **dreamless** sleep.

sensory

adj. of or relating to the physical senses

synonym: receptive, sensuous, neural

(1) a **sensory** organ, (2) a child with **sensory** issues

Sharks have highly developed **sensory** systems and are extremely sensitive creatures.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

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

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

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

auditory

adj. of or relating to hearing or the ability to hear

synonym : hearing, audible, aural

(1) a good **auditory** memory, (2) **auditory** system

The **auditory** nerve carries sound signals from the ear to the brain.

passive

adj. characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

synonym : inactive, lethargic, apathetic

(1) **passive** response, (2) **passive** vocabulary

The **passive** approach taken by the government towards climate change is concerning.

exhibit

v. to show something in public for people to enjoy or to provide them with information

synonym : display, expose, show

(1) **exhibit** a bad attitude, (2) **exhibit** a great talent

Other technology industries **exhibit** similarly explosive growth.

tactile

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

synonym : touchable, tangible, palpable

(1) **tactile** stimulation, (2) **tactile** feedback

The **tactile** sensation of the fabric was soft and smooth to the touch.

automatically

adv. without needing a direct human control

synonym : mechanically, unconsciously, spontaneously

(1) record driving **automatically**, (2) **automatically** adjusted

Our subscription plan is **automatically** renewed.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something

to a wider audience or new market

synonym : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

subjective

adj. based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings

synonym : personal, individual, experiential

(1) **subjective** opinion, (2) **subjective** interpretation

The concept of time is **subjective** and can feel longer or shorter depending on the situation.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym : viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

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**.

gradual

adj. happening slowly over a long period of time or distance; not steep or abrupt

synonym :

incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

neural

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

synonym: sensory, neuronic, nervous

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

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

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

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.

billboard

n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

synonym: hoarding, signboard, advertisement

(1) **billboard** advertising, (2) digital **billboard**

The new **billboard** on the highway promotes a popular

vacation destination.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

element

n. a fundamental or essential part of something

synonym: component, feature, essence

(1) new design **elements**, (2) nonmetallic **elements**

Natural selection is an essential **element** in Darwin's theory of evolution.

frequency

n. an ordered array of colors into which a light beam can be split

synonym: recurrence, repetition, regularity

(1) **frequency** band, (2) high **frequency**

The oscillator hunts for the correct **frequency**.

palpate

v. to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities

synonym: examine, touch, feel

(1) **palpate** the pulse, (2) **palpate** a swollen lymph node

The doctor **palpated** the patient's abdomen to check for any abnormalities.

topographical

adj. relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location

synonym: terrain, geographic, landform

(1) **topographical** data, (2) **topographical** survey

The **topographical** map of the region revealed the rugged

terrain we would face on the hike.

arrangement

n. a plan or preparation for the future event; the action or process of placing things in a particular order

synonym: placement, configuration, account

(1) **arrangement** of the furniture, (2) **arrangement** committee

As a first **arrangement**, we agreed to meet the following Friday.

perpendicular

adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

synonym: vertical, upright, standing

(1) **perpendicular** angles, (2) **perpendicular** walls

The two lines were perfectly **perpendicular** to each other.

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**.

warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

synonym: twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

odd

adj. strange or unexpected; not divisible by two

synonym: strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

ophthalmology

n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

synonym: eye care, optometry, eye medicine

(1) **ophthalmology** practice, (2) **ophthalmology** clinic

My grandfather had a problem with his eyes and went to an **ophthalmology** specialist.

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**.

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.

laser

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

synonym: beam, bar, ray

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

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

printers.

scan

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

synonym: look over, scrutinize, browse

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

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

horizontal

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

synonym: even, lying, parallel

(1) **horizontal** lines, (2) **horizontal** stripes

Airplanes need **horizontal** tails to improve stability.

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym: harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

fovea

n. a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color

synonym: centralis, macula, pit

(1) **fovea** superior, (2) **fovea** centralis

Some disorders, such as macular degeneration, can affect the function of the **fovea**.

optic

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

synonym: visual, ocular, visualized

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

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

nervous

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

synonym: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

bump

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

synonym: collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

marked

adj. having a noticeable feature or distinctive quality; easily noticeable or obvious

synonym: distinct, prominent, striking

(1) a **marked** difference, (2) **marked** decline

Her **marked** improvement in her grades resulted from her increased focus and effort.

arrow

n. a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow

synonym: shaft, dart, projectile

(1) **arrow** pointing, (2) **arrow** diagram

The archer aimed his **arrow** carefully at the target.

cyst

n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

synonym: abscess, sac, lump

(1) **cyst** removal, (2) ovarian **cyst**

The patient was sent for an X-ray to determine the cause of the **cyst** in her abdomen.

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.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym: machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

eyeball

n. the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen

(1) **eyeball** motion, (2) redness of the **eyeball**

Increased **eyeball** pressure leads to the development of glaucoma.

cortex

n. the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym: scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

purple

adj. of a color intermediate between red and blue

synonym: violet

(1) deep **purple**, (2) **purple** sweet potatoes

The plant has a stunning **purple** blossom.

association

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

synonym : affiliation, collaboration, society

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

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

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**.

convenient

adj. useful, helpful, or quick to do

synonym : timely, fortunate, suitable

(1) **convenient** way, (2) **convenient** location

The airport offers five **convenient** access routes.

recall

v. to remember something

synonym : remember, retrieve, recollect

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

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

diminish

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

synonym : decline, dwindle, lessen

(1) **diminish** a reputation, (2) **diminish** swelling

As people get old, their energies may **diminish**.

elusive

adj. difficult to find, define, achieve, or remember

synonym : mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact

The physicist who found the **elusive** particle won the Nobel Prize.

refer

v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

synonym: cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

stability

n. the quality or attribute of being firm and steadfast

synonym: resilience, solidity, steadiness

(1) **stability** pact, (2) fiscal **stability** pact

The policy should increase the country's monetary **stability**.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

continuity

n. the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern

synonym: coherence, uninterruptedness, perseverance

(1) **continuity** plan, (2) **continuity** of service

The sudden departure of the team leader disrupted the project's **continuity**.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

interior

n. the inside or inner part of something; the space within the walls of a building

synonym : inner, inside, internal

(1) **interior** decoration, (2) plenty of **interior** space

The painter focused on the moody **interiors** of abandoned buildings in his work.

process

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

synonym : procedure, method, system

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

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

stable

adj. firm and steady; not easily moved, disturbed, or changed

synonym : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym : stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan

It's important not to **deviate** from the established safety procedures.

singular

n. being only one of its kind; unique

synonym : unique, sole, individual

(1) **singular** purpose, (2) **singular** goal

The **singular** beauty of the night sky never ceases to amaze him.

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.

milieu

n. the social, cultural, or environmental setting in which a person lives or operates; surroundings or context

synonym: environment, surroundings, setting

(1) new urban **milieu**, (2) political **milieu**

The city's diverse cultural **milieu** contributes to its unique charm.

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym: factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

midline

n. an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves

synonym: centerline, median, halfway point

(1) **midline** incision, (2) **midline** herniation

The **midline** of a rectangle divides it into two halves.

permit

v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

synonym: allow, authorize, concede

(1) **permit** application, (2) work **permit**

The teacher will not **permit** any students to leave the

classroom early.

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.

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.

infinite

adj. unlimited or very great; impossible to measure

synonym: boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

physiological

adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

synonym: biological, organic, bodily

(1) **physiological** response, (2) **physiological** activity

The doctor explained the various **physiological** changes that occur during pregnancy.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

regulation

n. an official rule made and maintained by a government or some other authority; the act of controlling or directing

something according to a rule

synonym: constraint, restriction, rule

(1) a company **regulation**, (2) **regulation** by the government

The **regulation** approved by Congress was perfunctorily implemented.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym: bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

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.

regulate

v. to control something, especially by means of rules or laws

synonym: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct

We must manage to **regulate** our expenditure.

stem

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

synonym: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

cerebral

adj. relating to the brain or intellect; intellectual or studious rather than emotional or physical

synonym:

brain, mental, intellectual

(1) **cerebral** palsy, (2) **cerebral** cortex

The patient experienced a **cerebral** hemorrhage and required surgery.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

cord

n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

synonym: wire, cable, string

(1) spinal **cord**, (2) electrical **cord**

Your spinal **cord** is located deep within your body.

highlight

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

synonym: feature, emphasize, stress

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

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

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

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.

damage

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

synonym: harm, impair, injure

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

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

stroke

n. a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

synonym: blow

(1) suffer **stroke**, (2) a **stroke** of the putter

This year's extreme heat has resulted in many heat **stroke** cases.

coma

n. a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

synonym: unconsciousness, stupor, sleep

(1) medical **coma**, (2) medically-induced **coma**

Unfortunately, the accident left him in a deep **coma**.

vegetative

adj. composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning

synonym: herbal, monotonous

(1) a dull **vegetative** lifestyle, (2) the **vegetative** world

He was in what was described as a **vegetative** state.

disappear

v. to cease to exist or be visible

synonym : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

sect

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

synonym : group, faction, cult

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

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

component

n. one of several parts that combines with others to form something bigger

synonym : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

paralysis

n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

synonym : immobility, stiffness, palsy

(1) moral **paralysis**, (2) **paralysis** in the leg

Massive demonstrations lead to total **paralysis** of transportation.

indirectly

adv. not going straight to the point; implying or suggesting something

synonym : circuitously, obliquely, by implication

(1) **indirectly** related, (2) **indirectly** impact

The CEO **indirectly** expressed her disappointment with the project's progress.

horrific

adj. causing horror or disgust; gruesome and terrifying

synonym : terrifying, alarming, shocking

(1) **horrific** experience, (2) **horrific** condition

The accident scene was **horrific**, with bodies and debris scattered everywhere.

imprison

v. to confine a person to a prison, a detention facility, or a place of involuntary confinement

synonym: incarcerate, detain, confine

(1) **imprison** illegal immigrant, (2) **imprison** myself within the room

He was **imprisoned** for embezzlement.

patient

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

synonym: client, recipient, subject

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

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

frightening

adj. causing fear or alarm, or very surprising and alarming

synonym: scary, terrifying, alarming

(1) cast **frightening** eyes, (2) **frightening** experience

The news of the pandemic was a **frightening** reminder of the fragility of human health.

module

n. a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function

synonym: component, unit, segment

(1) **module** software, (2) audio **module**

I must install a new programming **module** for my computer program to function properly.

aspect

n. one part or feature of a situation, problem, subject, etc.

synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social,

political, and economic life

His professional experience includes all **aspects** of media production.

exquisite

adj. extremely beautiful and delicate

synonym: magnificent, glorious, gorgeous

(1) **exquisite** crafts, (2) a man of **exquisite** sensitivity

We can hear an **exquisite** piano melody from his room.

topography

n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

synonym: terrain, landscape, geography

(1) **topography** map, (2) detailed **topography**

The **topography** of the region is rugged, with many hills and valleys.

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

recursion

n. the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science

synonym: iteration, looping, repetition

(1) **recursion** depth, (2) **recursion** limit

The team encountered an infinite **recursion** error in their code, causing the program to crash.

primordial

adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

synonym: ancient, original, primary

(1) **primordial** forms of life, (2) **primordial** gas

The discovery of the **primordial** soup was a crucial step in understanding the origins of life on Earth.

spectacle

n. something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision

synonym : marvel, sensation, phenomenon

(1) pretty **spectacle**, (2) **spectacle** lens

She could not help watching the sad **spectacle**.

profusion

n. abundance; a large quantity or number of something

synonym : abundance, excess, plenty

(1) **profusion** of ideas, (2) **profusion** of wildlife

The garden was filled with a **profusion** of colorful flowers and plants.

normally

adv. usually; under normal conditions

synonym : commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym : spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

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.

vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym : animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of **vertebrate** animals.

disagree

v. to have or express a different opinion, idea, etc.

synonym : discord, oppose, dissent

(1) **disagree** about a particular issue, (2) **disagree** with a plan

I **disagree** for reasons already stated above.

wealth

n. a large amount of money, property, or other things that someone or an organization owns

synonym : affluence, assets, fortunate

(1) majority of his **wealth**, (2) material **wealth**

The **wealth** inequality was unavoidable.

core

n. the most essential or fundamental part of something

synonym : center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

autobiographical

adj. relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative

synonym : self-written, self-told, personal

(1) **autobiographical** narrative, (2) **autobiographical** memory

The author wrote an **autobiographical** novel about growing up in a small town.

largely

adv. virtually entirely; to a large degree

synonym : mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue
Nevada is **largely** a desert state.

primate

n. any mammal of the order Primates, which includes monkeys, apes, and humans

synonym : ape, monkey, lemur

(1) **primate** species, (2) **primate** sanctuary

Many scientists study **primate** behavior and intelligence.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

novelty

n. the quality of being new, attractive, and unusual

synonym : originality, newness, wonder

(1) bit of a **novelty**, (2) the **novelty** of an invention

In Europe, this tropical fruit is still a **novelty**.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

anticipate

v. to expect or predict that something will happen; to tell in advance

synonym : forecast, predict, expect

(1) **anticipate** your kind cooperation, (2) **anticipate** a black future

We **anticipate** heavy snowfall tomorrow.

prompt

v. to make someone decide to or try to do something, or to make something happen

synonym : actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

extended

adj. longer than usual or anticipated

synonym : extensive, prolonged, elongated

(1) **extended** vacation, (2) **extended** payment

The **extended** airport runways may accommodate larger jets.

imaginary

adj. existing only in someone's mind

synonym : fictional, ideal, fantastical

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

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

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

synonym : apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

religion

n. a deep conviction in a supernatural power that controls human destiny

synonym : faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**

Their **religion** strictly prohibits them from drinking or

gambling.

justice

n. the quality of being fair and reasonable and treating people equally according to their due

synonym: fairness, equity, impartiality

(1) criminal **justice**, (2) **justice** of Heaven

The judge's ruling was based on the principles of **justice** and fairness.

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.

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.

cult

n. a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices

synonym: sect, faith, religion

(1) **cult** members, (2) **cult's** practices

The **cult** leader promised his followers that they would achieve enlightenment if they followed his teachings.

collective

adj. done or shared by every member of a group of people

synonym: composite, concerted, cumulative

(1) right to **collective** bargaining, (2) **collective** ownership

Product development is a **collective** effort.

sociocultural

adj. relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its

customs, beliefs, values, and practices

synonym : cultural, social, anthropological

(1) **sociocultural** factors, (2) **sociocultural** identity

The university's **sociocultural** programs aim to promote diversity and understanding among students.

curiosity

n. a strong desire to know or learn about something

synonym : interest, inquisitiveness, novelty

(1) boundless **curiosity**, (2) satisfy my intellectual **curiosity**

We are motivated by **curiosity** rather than necessity.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

gravity

n. the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

synonym : heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

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.

medicinal

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

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

humankind

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

synonym : humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym : recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

Alzheimer

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

synonym : dementia, memory loss, cognitive decline

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

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

addiction

n. the inability to stop using or doing something as a habit, especially something harmful

synonym : dependence

(1) alcohol **addiction**, (2) **addiction** to foreign oil

He is now fighting his **addiction** to drugs.

devastate

v. to wreck a place or an area or cause significant damage
synonym : demolish, destroy, crush

(1) **devastate** an area, (2) **devastate** the economy

Earthquakes can also trigger tsunamis, which **devastate** coastal areas.

render

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

synonym : deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

unconscious

adj. in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

synonym : comatose, paralyzed, senseless

(1) **unconscious** bias, (2) a person who is **unconscious**

I know his **unconscious** habit that he touches his face when he lies.

pray

v. to make a request or petition to a higher power, especially in the form of a respectful or humble request

synonym : implore, supplicate, entreat

(1) **pray** devoutly, (2) **pray** for rain

She closed her eyes and **prayed** for strength to overcome difficult times.

serendipity

n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery

synonym : luck, chance, fortune

(1) **serendipity** moment, (2) **serendipity** discovery

The discovery of penicillin was a result of **serendipity**.

justify

- v. to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid

synonym : validate, defend, support

(1) **justify** my beliefs, (2) **justify** your decision

The lawyer tried to **justify** his client's actions by presenting evidence of their difficult upbringing.

Session 2: Spelling

- | | |
|--------------------------------------|---|
| 1. the crosswise di_____on | <i>n.</i> a measurable extent of a particular kind, such as width, height, or length |
| 2. b__d as a family | <i>n.</i> a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money |
| 3. satisfy my intellectual cu_____ty | <i>n.</i> a strong desire to know or learn about something |
| 4. per_____lar walls | <i>adj.</i> forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon |
| 5. im_____on illegal immigrant | <i>v.</i> to confine a person to a prison, a detention facility, or a place of involuntary confinement |
| 6. have a st___e job | <i>adj.</i> firm and steady; not easily moved, disturbed, or changed |
| 7. di_____sh swelling | <i>v.</i> to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc. |
| 8. surgical ins_____nts | <i>n.</i> an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work |
| 9. the in_____on of new techniques | <i>n.</i> the creation of a new device or process resulting from study and experimentation; the act of inventing |

ANSWERS: 1. dimension, 2. bond, 3. curiosity, 4. perpendicular, 5. imprison, 6. stable, 7. diminish, 8. instrument, 9. invention

10. in_____al organs *adj.* of or relating to the inside of something
11. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
12. ser_____ty discovery *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
13. a se_____y organ *adj.* of or relating to the physical senses
14. im_____ry number *adj.* existing only in someone's mind
15. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
16. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
17. re_____ve factors *adj.* considered and evaluated through comparison with something else
18. per_____lar angles *adj.* forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon
19. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
20. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

ANSWERS: 10. internal, 11. interaction, 12. serendipity, 13. sensory, 14. imaginary, 15. scan, 16. depression, 17. relative, 18. perpendicular, 19. invention, 20. laser

21. sub_____ve interpretation *adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings
22. im_____ry pregnancy *adj.* existing only in someone's mind
23. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
24. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
25. spinal c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
26. ovarian c__t *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
27. cast fri_____ng eyes *adj.* causing fear or alarm, or very surprising and alarming
28. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 21. subjective, 22. imaginary, 23. process, 24. bump, 25. cord, 26. cyst, 27. frightening, 28. digital

29. not no_____ly drink much *adv.* usually; under normal conditions
30. dr_____ss nights *adj.* without dreams or dreaming; not characterized by or associated with dreams
31. re_____on sociology *n.* a deep conviction in a supernatural power that controls human destiny
32. rec_____ion aid *n.* the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition
33. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
34. aut_____lly adjusted *adv.* without needing a direct human control
35. ad_____on to foreign oil *n.* the inability to stop using or doing something as a habit, especially something harmful
36. in_____te in supply *adj.* unlimited or very great; impossible to measure
37. ar__w pointing *n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
38. word ass_____ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
39. ju_____e of Heaven *n.* the quality of being fair and reasonable and treating people equally according to their due

ANSWERS: 29. normally, 30. dreamless, 31. religion, 32. reconstruction, 33. grid, 34. automatically, 35. addiction, 36. infinite, 37. arrow, 38. association, 39. justice

40. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
41. arouse con_____sy *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
42. con_____nt way *adj.* useful, helpful, or quick to do
43. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
44. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
45. di_____ee about a particular issue *v.* to have or express a different opinion, idea, etc.
46. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing
47. mi_____e herniation *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
48. re___t temptation *v.* to refuse to accept something and attempt to prevent it from happening
49. student on a ti__t budget *adj.* fixed, fastened, or kept together firmly or closely
50. high fr_____cy *n.* an ordered array of colors into which a light beam can be split

ANSWERS: 40. generate, 41. controversy, 42. convenient, 43. bump, 44. Alzheimer, 45. disagree, 46. pause, 47. midline, 48. resist, 49. tight, 50. frequency

51. mi_____e incision *n.* an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves
52. ex_____te crafts *adj.* extremely beautiful and delicate
53. re____r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
54. ey_____l motion *n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
55. 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
56. ce_____al palsy *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
57. und_____th the laughter *adv.* under or below something else
58. tra_____ent wisdom *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
59. a company reg_____on *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
60. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 51. midline, 52. exquisite, 53. render, 54. eyeball, 55. disease, 56. cerebral, 57. underneath, 58. transcendent, 59. regulation, 60. specific

61. di____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
62. nonmetallic el____ts *n.* a fundamental or essential part of something
63. criminal ju____e *n.* the quality of being fair and reasonable and treating people equally according to their due
64. deep pu____e *adj.* of a color intermediate between red and blue
65. the veg____ve world *adj.* composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning
66. c__e business activity *n.* the most essential or fundamental part of something
67. di____ar without a trace *v.* to cease to exist or be visible
68. pos____ty of a major earthquake *n.* a chance that something may happen or be true
69. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
70. c__t removal *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

ANSWERS: 61. digital, 62. element, 63. justice, 64. purple, 65. vegetative, 66. core, 67. disappear, 68. possibility, 69. brain, 70. cyst

71. pos_____ty for growth *n.* a chance that something may happen or be true
72. a ma___d difference *adj.* having a noticeable feature or distinctive quality; easily noticeable or obvious
73. la_____y mitigate the issue *adv.* virtually entirely; to a large degree
74. record driving aut_____lly *adv.* without needing a direct human control
75. di_____sh a reputation *v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
76. boundless cu_____ty *n.* a strong desire to know or learn about something
77. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
78. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
79. excite the ne___ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
80. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
81. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
82. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 71. possibility, 72. marked, 73. largely, 74. automatically, 75. diminish, 76. curiosity, 77. colleague, 78. device, 79. neuron, 80. aspect, 81. humankind, 82. humming

83. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
84. re____r a loss *v.* to return to a former condition, health, mind, or strength
85. ane____ia for surgery *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
86. a ti__t game *adj.* fixed, fastened, or kept together firmly or closely
87. fo__a superior *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
88. re__l his name *v.* to remember something
89. w__p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
90. in____or decoration *n.* the inside or inner part of something; the space within the walls of a building
91. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
92. re____te our conduct *v.* to control something, especially by means of rules or laws
93. the per____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something

ANSWERS: 83. bunch, 84. recover, 85. anesthesia, 86. tight, 87. fovea, 88. recall, 89. warp, 90. interior, 91. stem, 92. regulate, 93. perspective

94. ex____ed vacation *adj.* longer than usual or anticipated
95. mass of hu____ty *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
96. mo____e software *n.* a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function
97. pr____on of wildlife *n.* abundance; a large quantity or number of something
98. ex____e weather events *adj.* very great in amount or degree
99. a gr____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
100. work pe____t *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
101. ce____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
102. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
103. brain and sp____l cord *adj.* of or relating to the spine (= the long bone in the body's back)

ANSWERS: 94. extended, 95. humanity, 96. module, 97. profusion, 98. extreme, 99. gradual, 100. permit, 101. celebrate, 102. develop, 103. spinal

104. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
105. pri_____al forms of life *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
106. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
107. la_____y accepted *adv.* virtually entirely; to a large degree
108. detailed top_____hy *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
109. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
110. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
111. material we____h *n.* a large amount of money, property, or other things that someone or an organization owns

ANSWERS: 104. damage, 105. primordial, 106. sect, 107. largely, 108. topography, 109. maintain, 110. lab, 111. wealth

112. false cl__m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
113. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
114. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
115. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
116. a man of ex_____te sensitivity *adj.* extremely beautiful and delicate
117. ta_____e stimulation *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
118. freedom of re_____on *n.* a deep conviction in a supernatural power that controls human destiny
119. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
120. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 112. claim, 113. discovery, 114. parameter, 115. introduction, 116. exquisite, 117. tactile, 118. religion, 119. conscious, 120. galaxy

121. pa____e the pulse *v.* to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities
122. su____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
123. development of the ne____s system *adj.* worried and anxious about something; relating to the nerves
124. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
125. pa____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
126. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
127. au____ry system *adj.* of or relating to hearing or the ability to hear
128. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
129. tra____ent joy *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime

ANSWERS: 121. palpate, 122. survival, 123. nervous, 124. amazing, 125. patient, 126. sect, 127. auditory, 128. biology, 129. transcendent

130. c__t's practices *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
131. complete no____ly *adv.* usually; under normal conditions
132. alcohol ad_____on *n.* the inability to stop using or doing something as a habit, especially something harmful
133. st____d analysis *adj.* deliberately considered or scrutinized; carefully thought out or planned
134. ne____n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
135. virtue and v__e *n.* wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person
136. bi_____rd advertising *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
137. ne____l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
138. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

ANSWERS: 130. cult, 131. normally, 132. addiction, 133. studied, 134. neuron, 135. vice, 136. billboard, 137. neural, 138. refer

139. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
140. el_____te the entire incident *v.* to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement
141. phy_____cal activity *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
142. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
143. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
144. fo__a centralis *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
145. the muscle tissue of a ver_____te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
146. pr____t a feeling of hunger *v.* to make someone decide to or try to do something, or to make something happen
147. forensic au_____y *n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

ANSWERS: 139. symmetrical, 140. elucidate, 141. physiological, 142. generate, 143. stem, 144. fovea, 145. vertebrate, 146. prompt, 147. autopsy

148. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
149. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
150. new urban mi____u *n.* the social, cultural, or environmental setting in which a person lives or operates; surroundings or context
151. the biggest tree in ex_____ce *n.* the state or fact of someone or something existing
152. well-st_____d decision *adj.* deliberately considered or scrutinized; carefully thought out or planned
153. de_____te the economy *v.* to wreck a place or an area or cause significant damage
154. top_____hy map *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
155. pr_____e sanctuary *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
156. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
157. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
158. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together

ANSWERS: 148. colleague, 149. mechanical, 150. milieu, 151. existence, 152. studied, 153. devastate, 154. topography, 155. primate, 156. brain, 157. progression, 158. bunch

159. op__c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
160. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
161. become w__ped *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
162. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
163. ju_____y your decision *v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid
164. traditional me_____al *adj.* of or relating to the treatment or cure of disease
165. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
166. ex_____t a bad attitude *v.* to show something in public for people to enjoy or to provide them with information
167. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
168. the a__n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

ANSWERS: 159. optic, 160. tactile, 161. warp, 162. survival, 163. justify, 164. medicinal, 165. plot, 166. exhibit, 167. aspect, 168. axon

169. pr_____on of ideas *n.* abundance; a large quantity or number of something
170. pa_____e response *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
171. bit of a no_____y *n.* the quality of being new, attractive, and unusual
172. re_____on limit *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
173. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
174. vi___l navigation *adj.* relating to seeing or sight
175. without impact wha_____er *adv.* not at all; no matter what
176. a person who is unc_____us *adj.* in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness
177. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
178. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
179. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 169. profusion, 170. passive, 171. novelty, 172. recursion, 173. grid, 174. visual, 175. whatsoever, 176. unconscious, 177. analyze, 178. medicinal, 179. lab

180. perform an au_____y *n.* a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)
181. human activities int_____ect with the environment *v.* to connect similar things
182. con_____ty plan *n.* the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern
183. hor_____al stripes *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
184. get ne_____s *adj.* worried and anxious about something; relating to the nerves
185. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
186. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
187. am___e everyone *v.* to fill with wonder, surprise, or admiration
188. ant_____te a black future *v.* to expect or predict that something will happen; to tell in advance
189. pr_____e species *n.* any mammal of the order Primates, which includes monkeys, apes, and humans
190. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball

ANSWERS: 180. autopsy, 181. interconnect, 182. continuity, 183. horizontal, 184. nervous, 185. interaction, 186. stable, 187. amaze, 188. anticipate, 189. primate, 190. retina

191. ju____y my beliefs *v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid
192. pa____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
193. arr____nt committee *n.* a plan or preparation for the future event; the action or process of placing things in a particular order
194. political mi____u *n.* the social, cultural, or environmental setting in which a person lives or operates; surroundings or context
195. pretty sp____le *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
196. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
197. ant____te your kind cooperation *v.* to expect or predict that something will happen; to tell in advance
198. re____n our reputation *v.* to get something back or recover something after it has been lost or taken away
199. unc____us bias *adj.* in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

ANSWERS: 191. justify, 192. pathway, 193. arrangement, 194. milieu, 195. spectacle, 196. basis, 197. anticipate, 198. regain, 199. unconscious

200. a gr____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
201. ne___l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
202. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
203. ex_____ed payment *adj.* longer than usual or anticipated
204. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
205. track down an el_____e fact *adj.* difficult to find, define, achieve, or remember
206. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
207. p__y devoutly *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
208. redness of the ey_____l *n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
209. he was en_____ly to blame *adv.* completely
210. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
211. fiscal st_____ty pact *n.* the quality or attribute of being firm and steadfast

ANSWERS: 200. gradual, 201. neural, 202. progression, 203. extended, 204. pathway, 205. elusive, 206. chemistry, 207. pray, 208. eyeball, 209. entirely, 210. construct, 211. stability

212. de____e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach
213. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
214. field of vi____l arts *adj.* relating to seeing or sight
215. v__e-chair of the committee *n.* wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person
216. ho____ic experience *adj.* causing horror or disgust; gruesome and terrifying
217. re_____on depth *n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science
218. wha_____er it be *adv.* not at all; no matter what
219. pu___e sweet potatoes *adj.* of a color intermediate between red and blue
220. soc_____al factors *adj.* relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices
221. und_____th the surface of the water *adv.* under or below something else
222. plenty of in____or space *n.* the inside or inner part of something; the space within the walls of a building

ANSWERS: 212. deviate, 213. ridiculous, 214. visual, 215. vice, 216. horrific, 217. recursion, 218. whatsoever, 219. purple, 220. sociocultural, 221. underneath, 222. interior

223. aut_____cal narrative *adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
224. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
225. dis_____nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
226. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
227. ser_____ty moment *n.* the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
228. digital bi_____rd *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
229. si_____ar goal *n.* being only one of its kind; unique
230. re___l the incident *v.* to remember something
231. a st___e of the putter *n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
232. r___l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side

ANSWERS: 223. autobiographical, 224. locate, 225. disappoint, 226. device, 227. serendipity, 228. billboard, 229. singular, 230. recall, 231. stroke, 232. roll

233. cor_____nd with a foreign student *v.* to match or be similar to something else almost exactly; to exchange messages
234. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
235. pe____t application *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
236. re_____te blood sugar levels *v.* to control something, especially by means of rules or laws
237. aut_____cal memory *adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
238. an el_____e criminal *adj.* difficult to find, define, achieve, or remember
239. p__y for rain *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
240. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
241. re_____r approval ratings *v.* to return to a former condition, health, mind, or strength
242. pri_____al gas *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
243. ind_____ly impact *adv.* not going straight to the point; implying or suggesting something
244. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

ANSWERS: 233. correspond, 234. humming, 235. permit, 236. regulate, 237. autobiographical, 238. elusive, 239. pray, 240. relation, 241. recover, 242. primordial, 243. indirectly, 244. celebrate

245. my_____y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
246. the in_____al economy *adj.* of or relating to the inside of something
247. western phi_____hy *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
248. top_____cal survey *adj.* relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location
249. fr_____cy band *n.* an ordered array of colors into which a light beam can be split
250. pa_____is in the leg *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
251. im_____on myself within the room *v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement
252. suffer st___e *n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
253. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 245. mystery, 246. internal, 247. philosophy, 248. topographical, 249. frequency, 250. paralysis, 251. imprison, 252. stroke, 253. degree

254. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
255. col_____ve ownership *adj.* done or shared by every member of a group of people
256. phi_____hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
257. ind_____ly related *adv.* not going straight to the point; implying or suggesting something
258. right to col_____ve bargaining *adj.* done or shared by every member of a group of people
259. soc_____ral identity *adj.* relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices
260. hor_____al lines *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
261. co_____us effort *adj.* being aware of and able to respond to what is happening around you
262. the c__e of an apple *n.* the most essential or fundamental part of something
263. in an o_d way *adj.* strange or unexpected; not divisible by two
264. don't dis_____nt me *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad

ANSWERS: 254. neuroscience, 255. collective, 256. philosophy, 257. indirectly, 258. collective, 259. sociocultural, 260. horizontal, 261. conscious, 262. core, 263. odd, 264. disappoint

265. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
266. a theoretical concept in neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
267. child in dr_____ss slumber *adj.* without dreams or dreaming; not characterized by or associated with dreams
268. top_____cal data *adj.* relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location
269. sp____l injury *adj.* of or relating to the spine (= the long bone in the body's back)
270. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
271. a scholarship ass_____on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
272. sym_____al triangle *adj.* having similarity in size, shape, and relative position of corresponding parts
273. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length

ANSWERS: 265. Alzheimer, 266. neuroscience, 267. dreamless, 268. topographical, 269. spinal, 270. creative, 271. association, 272. symmetrical, 273. dimension

274. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
275. directly int_____ect with those systems *v.* to connect similar things
276. the struggle for ex_____ce *n.* the state or fact of someone or something existing
277. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
278. hi_____ht a string in red *v.* to make something prominent, mainly so that people give it more attention
279. bl__e the lack of knowledge *v.* to think or say that someone or something did something wrong or is responsible for something bad
280. pa__e a moment *v.* to take a short break from talking or doing something before continuing
281. ver_____te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
282. audio mo___e *n.* a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function
283. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
284. con_____ty of service *n.* the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern

ANSWERS: 274. galaxy, 275. interconnect, 276. existence, 277. fiber, 278. highlight, 279. blame, 280. pause, 281. vertebrate, 282. module, 283. parameter, 284. continuity

285. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
286. pe_____nt life insurance *adj.* lasting for a long time without essential change
287. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
288. cor_____nd to a standard *v.* to match or be similar to something else almost exactly; to exchange messages
289. electrical c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
290. per_____on of a stimulus *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
291. lo___e a tumor *v.* to specify or determine the exact position of someone or something
292. con_____sy among researchers *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
293. phy_____cal response *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

ANSWERS: 285. introduction, 286. permanent, 287. ridiculous, 288. correspond, 289. cord, 290. perception, 291. locate, 292. controversy, 293. physiological

294. di_____ar after a week *v.* to cease to exist or be visible
295. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
296. co____x cells *n.* the outermost layer of an organ, especially the brain
297. el_____te phenomena *v.* to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement
298. si_____ar purpose *n.* being only one of its kind; unique
299. reg_____on by the government *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
300. c__t members *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
301. sp_____le lens *n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
302. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 294. disappear, 295. develop, 296. cortex, 297. elucidate, 298. singular, 299. regulation, 300. cult, 301. spectacle, 302. amazing

303. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
304. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
305. con_____nt location *adj.* useful, helpful, or quick to do
306. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
307. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
308. ma___d decline *adj.* having a noticeable feature or distinctive quality; easily noticeable or obvious
309. am___e and entertain visitors *v.* to fill with wonder, surprise, or admiration
310. keen per_____on *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

ANSWERS: 303. degree, 304. damage, 305. convenient, 306. scan, 307. discovery, 308. marked, 309. amaze, 310. perception

311. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
312. ex____e sports *adj.* very great in amount or degree
313. preserve my gr____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
314. oph______ogy clinic *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
315. ar__w diagram *n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
316. new design el____ts *n.* a fundamental or essential part of something
317. di____ee with a plan *v.* to have or express a different opinion, idea, etc.
318. bl__e circumstances for the failure *v.* to think or say that someone or something did something wrong or is responsible for something bad
319. medically-induced c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings
320. literature of pe____nt value *adj.* lasting for a long time without essential change

ANSWERS: 311. disease, 312. extreme, 313. gravity, 314. ophthalmology, 315. arrow, 316. element, 317. disagree, 318. blame, 319. coma, 320. permanent

321. op__c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
322. st_____ty pact *n.* the quality or attribute of being firm and steadfast
323. fri_____ng experience *adj.* causing fear or alarm, or very surprising and alarming
324. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
325. an a__n of a nerve cell *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
326. re___t being kissed *v.* to refuse to accept something and attempt to prevent it from happening
327. a remote re_____ve *adj.* considered and evaluated through comparison with something else
328. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
329. en_____ly satisfied with the meal *adv.* completely
330. hu_____ty at large *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
331. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
332. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 321. optic, 322. stability, 323. frightening, 324. component, 325. axon, 326. resist, 327. relative, 328. retina, 329. entirely, 330. humanity, 331. construct, 332. process

333. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
334. sy____e circuit *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
335. moral pa_____is *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
336. o_d behavior *adj.* strange or unexpected; not divisible by two
337. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
338. visual co___x neuron *n.* the outermost layer of an organ, especially the brain
339. a good au_____ry memory *adj.* of or relating to hearing or the ability to hear
340. hi_____ht an important difference *v.* to make something prominent, mainly so that people give it more attention
341. the no_____y of an invention *n.* the quality of being new, attractive, and unusual
342. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
343. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

ANSWERS: 333. specific, 334. synapse, 335. paralysis, 336. odd, 337. relation, 338. cortex, 339. auditory, 340. highlight, 341. novelty, 342. chemistry, 343. plot

344. unsolved my____y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
345. pa_____e vocabulary *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
346. cl__m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
347. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
348. the root problem of her dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
349. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
350. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 344. mystery, 345. passive, 346. claim, 347. fiber, 348. depression, 349. basis, 350. maintain

351. barren of cr____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
352. pa____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
353. end at a sy____e *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
354. key co____nt *n.* one of several parts that combines with others to form something bigger
355. pa____e a swollen lymph node *v.* to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities
356. history of hu____nd *n.* the whole of the living human inhabitants of the earth
357. the attraction of gr____y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
358. re____r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
359. medical c__a *n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

ANSWERS: 351. creative, 352. patient, 353. synapse, 354. component, 355. palpate, 356. humankind, 357. gravity, 358. render, 359. coma

360. local ane_____ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
361. a child with se_____y issues *adj.* of or relating to the physical senses
362. a dull veg_____ve lifestyle *adj.* composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning
363. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
364. pr____t a debate *v.* to make someone decide to or try to do something, or to make something happen
365. ce_____al cortex *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
366. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
367. global b__d market *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
368. re____n my health *v.* to get something back or recover something after it has been lost or taken away
369. majority of his we____h *n.* a large amount of money, property, or other things that someone or an organization owns

ANSWERS: 360. anesthesia, 361. sensory, 362. vegetative, 363. roll, 364. prompt, 365. cerebral, 366. perspective, 367. bond, 368. regain, 369. wealth

370. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
371. sub_____ve opinion *adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings
372. oph_____ogy practice *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
373. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
374. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
375. ex_____t a great talent *v.* to show something in public for people to enjoy or to provide them with information
376. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
377. in_____te appetite *adj.* unlimited or very great; impossible to measure
378. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
379. de_____e from the plan *v.* to depart from an established course or plan; to change direction or take a different route or approach

ANSWERS: 370. laser, 371. subjective, 372. ophthalmology, 373. analyze, 374. refer, 375. exhibit, 376. biology, 377. infinite, 378. mechanical, 379. deviate

380. musical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
381. de_____te an area *v.* to wreck a place or an area or cause significant damage
382. ho_____ic condition *adj.* causing horror or disgust; gruesome and terrifying
383. arr_____nt of the furniture *n.* a plan or preparation for the future event; the action or process of placing things in a particular order

ANSWERS: 380. instrument, 381. devastate, 382. horrific, 383. arrangement

Session 3: Fill in the Blanks

1. We can hear an _____ piano melody from his room.
adj. extremely beautiful and delicate
2. Our subscription plan is _____ renewed.
adv. without needing a direct human control
3. _____ pattern roads often appear in urban areas.
n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
4. The jury must _____ a decision on this complex case.
v. to bring someone or something into a particular state; to provide something such as service, help, etc.
5. The prime minister canceled visits to other countries to resolve _____ disputes.
adj. of or relating to the inside of something
6. She accidentally _____ into him in the crowded room.
v. to hit or knock against something hard, often with a dull sound; to meet with by accident
7. They had formed a friendship _____.
n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
8. The teacher needed to _____ the complex math problem before the students could solve it.
v. to make clear, to explain thoroughly, to clarify or shed light on a concept, situation, or statement

ANSWERS: 1. exquisite, 2. automatically, 3. Grid, 4. render, 5. internal, 6. bumped, 7. bond, 8. elucidate

9. Your spinal _____ is located deep within your body.
n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
10. The sudden departure of the team leader disrupted the project's _____.
n. the state or quality of being continuous, uninterrupted, or consistent; the maintenance of a connection, sequence, or pattern
11. Product development is a _____ effort.
adj. done or shared by every member of a group of people
12. After a long day of work, he fell into a deep, _____ sleep.
adj. without dreams or dreaming; not characterized by or associated with dreams
13. The _____ to the new class was informative and engaging.
n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
14. The _____ leader promised his followers that they would achieve enlightenment if they followed his teachings.
n. a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
15. Everyone regarded the theory he advocated as _____ but was later proven correct.
adj. very silly or unreasonable and deserving to be laughed at
16. Ethics is a branch of _____.
n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

ANSWERS: 9. cord, 10. continuity, 11. collective, 12. dreamless, 13. introduction, 14. cult, 15. ridiculous, 16. philosophy

17. Little children tend to have _____ friends.
adj. existing only in someone's mind
18. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
19. The CEO _____ expressed her disappointment with the project's progress.
adv. not going straight to the point; implying or suggesting something
20. The Milky Way _____ has numerous water-bearing planets.
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
21. The doctor explained the various _____ changes that occur during pregnancy.
adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
22. There was a disturbance of _____ function.
adj. of or relating to a nerve or the nervous system that includes the brain
23. Sharks have highly developed _____ systems and are extremely sensitive creatures.
adj. of or relating to the physical senses
24. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 17. imaginary, 18. possibility, 19. indirectly, 20. galaxy, 21. physiological, 22. neural, 23. sensory, 24. damage

25. The national election was held amid _____ security.

adj. fixed, fastened, or kept together firmly or closely

26. He is in general _____ under the surgeon.

n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

27. The news of the pandemic was a _____ reminder of the fragility of human health.

adj. causing fear or alarm, or very surprising and alarming

28. She stood on the podium and _____ an audience.

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

29. The _____ nerve carries sound signals from the ear to the brain.

adj. of or relating to hearing or the ability to hear

30. As a first _____ we agreed to meet the following Friday.

n. a plan or preparation for the future event; the action or process of placing things in a particular order

31. That incident _____ a nationwide chain reaction regarding the crackdown on illegal groups.

v. to make someone decide to or try to do something, or to make something happen

32. I don't _____ take a vacation in the middle of summer.

adv. usually; under normal conditions

ANSWERS: 25. tight, 26. anesthesia, 27. frightening, 28. scanned, 29. auditory, 30. arrangement, 31. prompted, 32. normally

33. The discovery of the _____ soup was a crucial step in understanding the origins of life on Earth.
adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
34. I need to _____ my car regularly to prevent any major mechanical issues.
v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
35. Massive demonstrations lead to total _____ of transportation.
n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
36. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
37. Please _____ to the instruction manual for further assistance.
v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
38. Animals transmit nerve impulses through _____.
n. the fact or state of failing to finish an activity and of stopping using, making, or doing it
39. 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
40. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

ANSWERS: 33. primordial, 34. maintain, 35. paralysis, 36. analyze, 37. refer, 38. synapses, 39. biology, 40. laser

41. She could not help watching the sad _____.
- n.* something or someone seen, especially a notable or unusual sight; an optical device consisting of a frame that houses a pair of lenses for correcting defective vision
42. The concept of time is _____ and can feel longer or shorter depending on the situation.
- adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings
43. He was an atheist and therefore did not believe in the _____ of heaven or hell.
- n.* the state or fact of someone or something existing
44. He became _____ that he was being followed.
- adj.* being aware of and able to respond to what is happening around you
45. The _____ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
46. The author wrote an _____ novel about growing up in a small town.
- adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
47. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
48. 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

ANSWERS: 41. spectacle, 42. subjective, 43. existence, 44. conscious, 45. humming,

46. autobiographical, 47. device, 48. develop

49. 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

50. The battle had an _____ impact on the nation.

- adj.* unlimited or very great; impossible to measure

51. Sensors convert physical phenomena into _____ signals.

- adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

52. The astronaut felt weightless in space due to the absence of _____.

- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

53. A rose has thorns on its _____.

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

54. I chose to _____ cancer by trying every possible treatment.

- v.* to refuse to accept something and attempt to prevent it from happening

55. He was _____ for embezzlement.

- v.* to confine a person to a prison, a detention facility, or a place of involuntary confinement

56. The garden was filled with a _____ of colorful flowers and plants.

- n.* abundance; a large quantity or number of something

ANSWERS: 49. perception, 50. infinite, 51. digital, 52. gravity, 53. stem, 54. resist, 55. imprisoned, 56. profusion

57. The country experienced a _____ increase in population.

adj. happening slowly over a long period of time or distance; not steep or abrupt

58. 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

59. The golfer recorded an _____ distance.

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

60. This year's extreme heat has resulted in many heat _____ cases.

n. a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

61. The magician's tricks _____ the audience.

v. to fill with wonder, surprise, or admiration

62. 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

63. After years of hard work, he finally _____ his financial stability.

v. to get something back or recover something after it has been lost or taken away

64. The introduction _____ the speaker's distinguished career as a consultant

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

65. This figure is _____ about the x-axis.

adj. having similarity in size, shape, and relative position of corresponding parts

ANSWERS: 57. gradual, 58. colleague, 59. amazing, 60. stroke, 61. amazed, 62. progression, 63. regained, 64. highlighted, 65. symmetrical

66. We _____ heavy snowfall tomorrow.

v. to expect or predict that something will happen; to tell in advance

67. The _____ airport runways may accommodate larger jets.

adj. longer than usual or anticipated

68. Their _____ strictly prohibits them from drinking or gambling.

n. a deep conviction in a supernatural power that controls human destiny

69. My grandfather had a problem with his eyes and went to an _____ specialist.

n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye

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

adj. considered and evaluated through comparison with something else

71. The _____ beauty of the Grand Canyon took his breath away.

adj. going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime

72. The campaign ad was designed with bright colors and bold fonts for maximum _____ impact.

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

73. The _____ properties of this herb have been known to help with various ailments.

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

ANSWERS: 66. anticipate, 67. extended, 68. religion, 69. ophthalmology, 70. relatives, 71. transcendent, 72. optic, 73. medicinal

74. The _____ map of the region revealed the rugged terrain we would face on the hike.
adj. relating to the arrangement or physical features of a geographical area or terrain; relating to the detailed description or mapping of the physical features of a location
75. The _____ approved by Congress was perfunctorily implemented.
n. an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
76. The presence of a backbone is a defining characteristic of _____ animals.
adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
77. We _____ our impeded progress on lack of money.
v. to think or say that someone or something did something wrong or is responsible for something bad
78. Natural selection is an essential _____ in Darwin's theory of evolution.
n. a fundamental or essential part of something
79. She worked very hard not to _____ her boss's expectations.
v. to fail to meet someone or their hopes or expectations; to make someone feel sad
80. The penny fell _____ the piano.
adv. under or below something else
81. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.
adj. of or relating to the spine (= the long bone in the body's back)

ANSWERS: 74. topographical, 75. regulation, 76. vertebrate, 77. blamed, 78. element, 79. disappoint, 80. underneath, 81. spinal

82. He wants to _____ ownership of the abandoned property.
- v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
83. We must consume dietary _____ to maintain good health.
- n. thread or filament used to make a vegetable tissue, mineral material, or textile
84. In Europe, this tropical fruit is still a _____.
- n. the quality of being new, attractive, and unusual
85. The _____ of the region is rugged, with many hills and valleys.
- n. the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
86. We are developing a technology to promote the elongation and regeneration of sensory nerve _____.
- n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
87. 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
88. She vividly _____ getting laid off several years ago.
- v. to remember something
89. Nevada is _____ a desert state.
- adv. virtually entirely; to a large degree

ANSWERS: 82. claim, 83. fiber, 84. novelty, 85. topography, 86. axons, 87. interaction, 88. recalls, 89. largely

90. Unfortunately, the accident left him in a deep _____.

- n.* a state of prolonged unconsciousness, typically caused by severe injury or illness, during which a person is unresponsive and lacks awareness of their surroundings

91. Some disorders, such as macular degeneration, can affect the function of the _____.

- n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color

92. The team encountered an infinite _____ error in their code, causing the program to crash.

- n.* the process of repeating or looping through a set of instructions or functions within another function, often used in programming and computer science

93. His speech was carefully crafted and delivered with _____ confidence.

- adj.* deliberately considered or scrutinized; carefully thought out or planned

94. Relations between the two countries have been relatively _____ due to the summit meeting.

- adj.* firm and steady; not easily moved, disturbed, or changed

95. The accident scene was _____ with bodies and debris scattered everywhere.

- adj.* causing horror or disgust; gruesome and terrifying

96. 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

ANSWERS: 90. coma, 91. fovea, 92. recursion, 93. studied, 94. stable, 95. horrific, 96. pathway

97. On the geological time scale, _____ has existed for a brief moment.
n. the whole of the living human inhabitants of the earth
98. He _____ hypotheses that no mathematician has ever imagined before.
v. to build or create something; to assemble or combine different parts to form something whole
99. The airport offers five _____ access routes.
adj. useful, helpful, or quick to do
100. I _____ for reasons already stated above.
v. to have or express a different opinion, idea, etc.
101. We are motivated by _____ rather than necessity.
n. a strong desire to know or learn about something
102. A _____ engineer is still in demand in many companies.
adj. operated by a machine, relating to or concerned with machinery or tools
103. The economic stimulation program would _____ a lot of new jobs.
v. to produce or create something; to make offspring by reproduction
104. He is now fighting his _____ to drugs.
n. the inability to stop using or doing something as a habit, especially something harmful
105. I must install a new programming _____ for my computer program to function properly.
n. a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function

ANSWERS: 97. humankind, 98. constructs, 99. convenient, 100. disagree, 101. curiosity, 102. mechanical, 103. generate, 104. addiction, 105. module

106. The patient experienced a _____ hemorrhage and required surgery.
adj. relating to the brain or intellect; intellectual or studious rather than emotional or physical
107. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.
n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
108. The discovery of penicillin was a result of _____.
n. the occurrence and development of events by chance in a happy or beneficial way; a fortunate accident or discovery
109. The new _____ on the highway promotes a popular vacation destination.
n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
110. She is searching for a _____ residence.
adj. lasting for a long time without essential change
111. The patient was sent for an X-ray to determine the cause of the _____ in her abdomen.
n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
112. Our system can now _____ with other databases.
v. to connect similar things
113. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something

ANSWERS: 106. cerebral, 107. plot, 108. serendipity, 109. billboard, 110. permanent, 111. cyst, 112. interconnect, 113. creative

114. The judge's ruling was based on the principles of _____ and fairness.
- n.* the quality of being fair and reasonable and treating people equally according to their due
115. The lawyer tried to _____ his client's actions by presenting evidence of their difficult upbringing.
- v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid
116. The ship's hull was _____ from years of use in rough seas.
- v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
117. 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
118. The _____ beauty of the night sky never ceases to amaze him.
- n.* being only one of its kind; unique
119. The cerebral _____ consists of six layers.
- n.* the outermost layer of an organ, especially the brain
120. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
121. 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

ANSWERS: 114. justice, 115. justify, 116. warped, 117. neuron, 118. singular, 119. cortex, 120. process, 121. brain

122. Airplanes need _____ tails to improve stability.

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

123. They watched the train _____ into the distance.

v. to cease to exist or be visible

124. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

125. The policy should increase the country's monetary _____.

n. the quality or attribute of being firm and steadfast

126. Many scientists study _____ behavior and intelligence.

n. any mammal of the order Primates, which includes monkeys, apes, and humans

127. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

128. His membership in the _____ provided him with numerous benefits.

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

129. Increased _____ pressure leads to the development of glaucoma.

n. the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen

130. He suffers from _____ breakdowns.

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

ANSWERS: 122. horizontal, 123. disappear, 124. relations, 125. stability, 126. primate, 127. lab, 128. association, 129. eyeball, 130. nervous

131. One bad apple spoils the whole _____.

n. a grouping of several similar things which are growing or fastened together

132. He was exhausted and _____ into bed as soon as he got home.

v. to move in a particular direction by turning over and over or from side to side

133. Damage to the _____ may play a role in the development of glaucoma.

n. the innermost light-sensitive membrane covering the back wall of the eyeball

134. His professional experience includes all _____ of media production.

n. one part or feature of a situation, problem, subject, etc.

135. The oscillator hunts for the correct _____.

n. an ordered array of colors into which a light beam can be split

136. It's important not to _____ from the established safety procedures.

v. to depart from an established course or plan; to change direction or take a different route or approach

137. This evidence will form the _____ for our discussion.

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

138. They donated large sums of money for the development of _____.

n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

139. She received her _____ in psychology from the university.

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 131. bunch, 132. rolled, 133. retina, 134. aspects, 135. frequency, 136. deviate, 137. basis, 138. humanity, 139. degree

140. Cats hate dogs and _____ versa.

n. wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person

141. The university's _____ programs aim to promote diversity and understanding among students.

adj. relating to or influenced by the social and cultural factors of a society or group, particularly in relation to its customs, beliefs, values, and practices

142. 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

143. The _____ inequality was unavoidable.

n. a large amount of money, property, or other things that someone or an organization owns

144. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

145. The doctor carefully examined the _____ medical history.

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

146. Overall _____ are approximately 400x200mm.

n. a measurable extent of a particular kind, such as width, height, or length

ANSWERS: 140. vice, 141. sociocultural, 142. neuroscience, 143. wealth, 144. extreme, 145. patient's, 146. dimensions

147. The temperature range was one of the critical _____ we had to consider when designing the experiment.

n. a numerical or other measurable factors that characterize a system or set of data

148. 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

149. The two lines were perfectly _____ to each other.

adj. forming, situated at, or being at a right angle to a given line or plane; upright or vertical; at right angles to the horizon

150. Necessity is the mother of _____.

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

151. He was in what was described as a _____ state.

adj. composed of or relating to the division of nature comprising the plant; alive but losing brain functioning and having only involuntary bodily functioning

152. We must manage to _____ our expenditure.

v. to control something, especially by means of rules or laws

153. She closed her eyes and _____ for strength to overcome difficult times.

v. to make a request or petition to a higher power, especially in the form of a respectful or humble request

154. Other technology industries _____ similarly explosive growth.

v. to show something in public for people to enjoy or to provide them with information

ANSWERS: 147. parameters, 148. disease, 149. perpendicular, 150. invention, 151. vegetative, 152. regulate, 153. prayed, 154. exhibit

155. 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

156. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

157. Earthquakes can also trigger tsunamis, which _____ coastal areas.

v. to wreck a place or an area or cause significant damage

158. The numbers on the sign _____ to points on the map.

v. to match or be similar to something else almost exactly; to exchange messages

159. The doctor _____ the patient's abdomen to check for any abnormalities.

v. to examine or explore a person's body, typically by touching or feeling with the hands, to assess their physical condition or detect abnormalities

160. The minority _____ believed in a set of unconventional religious practices.

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

161. They entered into _____ with the member of the ruling party.

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

162. Her _____ improvement in her grades resulted from her increased focus and effort.

adj. having a noticeable feature or distinctive quality; easily noticeable or obvious

ANSWERS: 155. specific, 156. mystery, 157. devastate, 158. correspond, 159. palpated, 160. sect, 161. controversy, 162. marked

163. These gas nebulas are merely newborn galactic _____.

n. the most essential or fundamental part of something

164. The _____ of a rectangle divides it into two halves.

n. an imaginary line that divides something, such as a shape, object, or body, into two equal or symmetrical halves

165. He _____ the 10th anniversary of his tenure.

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

166. As people get old, their energies may _____.

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

167. He refused to do anything _____ to help her.

adv. not at all; no matter what

168. I know his _____ habit that he touches his face when he lies.

adj. in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

169. The _____ report revealed that the cause of death was a heart attack.

n. a medical examination performed on a dead body to determine the cause of death or identify any underlying medical conditions or injuries; a postmortem examination or necropsy (in animals)

170. The plant has a stunning _____ blossom.

adj. of a color intermediate between red and blue

ANSWERS: 163. cores, 164. midline, 165. celebrated, 166. diminish, 167. whatsoever, 168. unconscious, 169. autopsy, 170. purple

171. This electronic _____ is required to undergo periodic inspections to ensure precision.

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

172. The _____ sensation of the fabric was soft and smooth to the touch.

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

173. The government announced a plan for the _____ of the city's infrastructure.

n. the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition

174. 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

175. The man _____ before opening the door.

v. to take a short break from talking or doing something before continuing

176. His father's death changed his whole _____ on life.

n. a confident attitude toward something; a particular style of thinking about something

177. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

178. The physicist who found the _____ particle won the Nobel Prize.

adj. difficult to find, define, achieve, or remember

ANSWERS: 171. instrument, 172. tactile, 173. reconstruction, 174. discovery, 175. paused, 176. perspective, 177. visual, 178. elusive

179. The researchers try to discover a common _____ in all types of successful organizations.
- n.* one of several parts that combines with others to form something bigger
180. The archer aimed his _____ carefully at the target.
- n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
181. The painter focused on the moody _____ of abandoned buildings in his work.
- n.* the inside or inner part of something; the space within the walls of a building
182. He evaluated his chances for _____ rather pessimistically.
- n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
183. My grandmother has _____ disease requires special care and attention from her caregivers.
- n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
184. The teacher will not _____ any students to leave the classroom early.
- v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
185. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
186. The _____ approach taken by the government towards climate change is concerning.
- adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

ANSWERS: 179. component, 180. arrow, 181. interiors, 182. survival, 183. Alzheimer's, 184. permit, 185. locate, 186. passive

187. His grandfather was an ____ man.

adj. strange or unexpected; not divisible by two

188. He is familiar with _____ and biology.

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

189. _____ symptoms might include a decrease in appetite and weight loss.

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

190. She is still _____ from a shot to her shoulder.

v. to return to a former condition, health, mind, or strength

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

adv. completely

192. The city's diverse cultural _____ contributes to its unique charm.

n. the social, cultural, or environmental setting in which a person lives or operates; surroundings or context

ANSWERS: 187. odd, 188. chemistry, 189. Depression, 190. recovering, 191. entirely, 192. milieu