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Vocabulary Builder Reference from...

Daniel Wolpert: The real reason for brains | TED Talk
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All Words

IMPORTANT

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Session 1: Word List

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**.

quest

n. a long or challenging search for something
synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness
That adventurer traveled in **quest** of buried treasure.

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**.

fundamental

adj. forming an essential base or core from which everything else develops or is affected
synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights
Human behavior has **fundamental** characteristics.

function

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

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

planet

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

synonym: earth, world, globe

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

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

evolve

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

synonym: develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

perceive

v. to become aware or conscious of something through the senses

synonym: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

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

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

adaptable

adj. able or willing to modify or be modified to deal with new situations

synonym : flexible, adjustable, elastic

(1) **adaptable** enough for the environment, (2) an **adaptable** person

We seek a candidate who possesses **adaptable** fighting potential.

complexity

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

synonym : intricacy, sophistication, elaboration

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

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

movement

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

synonym : motion, progression, action

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

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

sweat

n. the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

synonym : perspiration, steam, hardwork

(1) all in a **sweat**, (2) **sweat** bath

She wiped the **sweat** off her forehead with a towel.

contraction

n. the act or process of becoming smaller or shorter in size, volume, or amount

synonym: shrinking, compression, reduction

(1) **contraction** of a disease, (2) **contraction** in the industry

The **contraction** of the economy has led to job losses.

communicate

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

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

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

gesture

n. a movement of the hands, head, or face that express a particular meaning

synonym: motion, expression, gesticulation

(1) **gesture** of goodwill, (2) hand **gesture**

She made a facial **gesture** to express disagreement.

writ

n. a written legal order or command

synonym: legal document, order, legal process

(1) a **writ** of summons, (2) issue a **writ**

He was served with a **writ** of eviction, giving him the notice to vacate the property.

mediate

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

synonym: arbitrate, reconcile, intervene

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

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

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.

cognitive

adj. of or relating to mental processes of understanding

synonym : perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

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.

suppress

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

synonym : subdue, bury, stifle

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

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

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

advantage

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that

someone or something has

synonym : benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

childhood

n. the state or time of being a child

synonym : youth, infancy, adolescence

(1) since **childhood**, (2) **childhood** development

He had fond memories of his **childhood** spent playing in the park with his friends.

argument

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

synonym : debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

clinch

v. to settle or finalize decisively; to secure or grasp firmly; to make certain or confirm beyond doubt; to secure a victory or success by a decisive action or effort

synonym : secure, settle, nail

(1) **clinch** a playoff spot, (2) **clinch** a victory

She managed to **clinch** the deal by offering a competitive price and excellent customer service.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym : modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

squirt

v. to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance

synonym: spray, eject, spurt

(1) **squirt** water, (2) **squirt** oil

She **squirted** the ketchup onto her fries before taking a bite.

rudimentary

adj. relating to basic facts or principles; fundamental

synonym: essential, fundamental, elementary

(1) a **rudimentary** plant, (2) **rudimentary** understanding

He has only a **rudimentary** knowledge of this topic.

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.

juvenile

adj. relating to or characteristic of youth or young people; immature

synonym: youthful, boyish, childlike

(1) exhibit **juvenile** behavior, (2) **juvenile** justice

The detective suspected that the vandalism was the work of **juvenile** delinquents.

implant

v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

synonym: insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

digest

v. to transform food into absorbable substances; break down

synonym: absorb, condense

(1) **digest** information, (2) help **digest** food

Most babies can readily **digest** a wide variety of foods.

luxury

n. a state of great comfort or sophistication, mainly provided by expensive and beautiful things

synonym : extravagance, indulgence, opulence

(1) get into the **luxury** car market, (2) **luxury** hotel

His anti- **luxury** practices were quite strict.

analogy

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

synonym : metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

profess

v. to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm

synonym : declare, claim, confess

(1) **profess** innocence, (2) **profess** law

He **professes** his love for her every day, showering her with gifts and affection.

tenure

n. the holding or possessing of a specific position, job, or property; the right to hold a position or property for a period of time

synonym : term, occupancy, possession

(1) **tenure** track, (2) job **tenure**

The professor's **tenure** at the university ends this year, and she is still determining her future career options.

chauvinist

n. a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others

synonym : jingo, nationalist, misogynist

(1) **chauvinist** beliefs, (2) racial **chauvinist**

His **chauvinistic** attitudes towards immigrants were offensive and ignorant.

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.

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.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

pit

n. a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit

synonym : hole, depression, indentation

(1) the bottomless **pit**, (2) the **pit** of the stomach

The **pit** of the avocado can be removed by gently wedging a spoon around it.

jail

n. a facility where criminals are kept to be punished for their crimes; a prison

synonym : prison, slammer, penitentiary

(1) county **jail**, (2) be in **jail**

The police escorted the prisoner to the **jail**.

occasionally

adv. now and then; sometimes but not often

synonym : periodically, sometimes, from time to time

(1) **occasionally** dine with friends, (2) **occasionally** change the routine

She still **occasionally** writes a short romance novel.

dexterous

adj. skilled or proficient in using the hands or body; nimble, clever, or deft

synonym: skillful, nimble, adept

(1) **dexterous** fingers, (2) **dexterous** movements

The **dexterous** musician played the piano with ease and precision.

manipulate

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

synonym: control, exploit, abuse

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

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

dexterity

n. skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems

synonym: skillfulness, agility, expertise

(1) **dexterity** with the pen, (2) manual **dexterity**

The surgeon's **dexterity** was impressive during the delicate surgery.

competition

n. a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

vast

adj. enormous in size, number, amount, or quantity

synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

approximate

adj. nearly accurate or correct, but not completely so

synonym : rough, close, near

(1) linear **approximate** equation, (2) **approximate** time

The **approximate** cost of the project was estimated to be around \$500,000.

optimal

adj. the best; most likely to be successful or advantageous

synonym : optimum, desirable, favorable

(1) achieve **optimal** health, (2) **optimal** for intellectual growth

Wild animals need to go forward with the **optimal** action to survive.

cutting-edge

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

synonym : state-of-the-art, innovative, advanced

(1) **cutting-edge** molecular biology, (2) **cutting-edge** design

The **cutting-edge** technology was revolutionary in its field.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

impressive

adj. arousing admiration due to size, quality, or skill

synonym : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

ph

n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

synonym : acidity, alkalinity, balance

(1) **pH** value of seven, (2) **ph** scale

The **ph** level of this soil is too acidic for these types of plants.

institute

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym : academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

slosh

v. to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud

synonym : splash, swish, slop

(1) **slosh** through the mud, (2) **slosh** a drink

The water **sloshed** over the edge of the bucket and spilled onto the floor.

agility

n. the ability to move quickly and easily, often in a way that is graceful and controlled

synonym : nimbleness, quickness, dexterity

(1) ninja-like **agility**, (2) **agility** training

The coach had the team run through the **agility** ladder to improve their coordination.

generalization

n. the act of making a broad statement or conclusion based on limited information or experience; a statement that applies to a large group or category of things or people, often without considering the unique qualities or circumstances of each individual

synonym: stereotype, oversimplification, abstraction

(1) hasty **generalization**, (2) **generalization** of the problem
It's unfair to make a **generalization** about an entire group of people based on stereotypes.

stack

n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

synonym: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

prescribe

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

synonym: define, specify, stipulate

(1) **prescribe** a drug, (2) **prescribe** in the preceding paragraph

Federal bankruptcy laws **prescribed** the reorganization process.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

engineer

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

synonym: architect, creator, builder

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

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

command

n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

synonym : control, authority, leadership

(1) **command** and control, (2) **command** a battery

The general gave a **command** to his troops to prepare for battle.

contract

n. a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

synonym : agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

vision

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

synonym : sight, image, concept

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

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

noisy

adj. making a lot of sounds, especially loud or disruptive sound

synonym : loud, cacophonous, clamorous

(1) **noisy** neighbor, (2) **noisy** party

The construction outside was creating a **noisy** distraction from my work.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**
To find drunk drivers, police conduct **random** tests.

corrupt

adj. characterized by dishonest behavior or actions, often involving bribery, fraud, or the abuse of power for personal gain; morally or ethically flawed or polluted;
(verb) to make someone or something morally depraved or causing it to become dishonest

synonym: dishonest, unethical, immoral

(1) **corrupt** good manners, (2) **corrupt** discipline

The **corrupt** politician was finally exposed and faced criminal charges.

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.

tune

n. a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

synonym: melody, harmony, (verb) adjust

(1) the **tune** of a song, (2) **tune** a piano

The band played a beautiful **tune** on their instruments.

localize

v. to restrict or confine something to a specific area or location; to adapt or translate something for a particular region or market

synonym: place, pinpoint, identify

(1) **localize** an infection, (2) **localize** the problem

It is crucial to quickly **localize** the source of the contamination to prevent further spread of the virus.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

similarly

adv. in almost the same way

synonym: also, likewise, ditto

(1) **similarly** situated, (2) have **similarly** great abilities

We argue that wages for temporary workers should **similarly** rise.

motor

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

synonym: actuator, engine, machine

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

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

bull

n. a male bovine animal; an investor who has a positive outlook on the market or a particular investment and buys with the expectation of prices increasing

synonym: bovine, cattle, bruiser

(1) **bull** market, (2) **bull** fighter

The farmer raised a **bull** on his ranch for breeding purposes.

dart

n. a small narrow pointed object, sometimes with feathers to help it fly, that is thrown or shot; (verb) to move along rapidly and lightly

synonym: arrow, (verb) dash

(1) blow **dart**, (2) **dart** here and there

A poison **dart** hit him.

aim

v. to try or plan to get or achieve something

synonym: aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

variability

n. the fact or quality of something being likely to vary

synonym : variance, unevenness, inconstancy

(1) natural **variability**, (2) climate **variability**

There is considerable **variability** in all the test scores.

ambiguous

adj. open to more than one interpretation; not clear or decided

synonym : unclear, uncertain, equivocal

(1) **ambiguous** situation, (2) clarify **ambiguous** points

The instructions provided were **ambiguous** and confused the team.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

synonym : erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable**

Rainfall in the tropics is highly **variable**.

teapot

n. a small, usually handleless pot with a spout used for boiling or brewing tea; it often has a lid to prevent heat loss during steeping and is typically made of ceramic or metal

synonym : kettle, pot, pitcher

(1) antique **teapot**, (2) porcelain **teapot**

The ceramic **teapot** shattered on the kitchen floor when I accidentally dropped it.

premium

n. an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value

synonym: dividend, bonus, (adjective) expensive

(1) insurance **premium**, (2) **premium** quality

Some people are willing to pay a **premium** for a rare and valuable collectible.

consequence

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

synonym: result, impact, outcome

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

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

metal

n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

synonym: alloy, metalloid

(1) **metal** fabrication, (2) precious **metal**

The construction worker used a **metal** saw to cut through the stubborn sheet metal.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

reward

n. a thing given in acknowledgment of service, hard work, achievement, etc.

synonym : compensation, gratuity, bonus

(1) the **reward** for good works, (2) shopping **rewards** cards

Night fishing has a lot of **rewards**.

doll

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

synonym : puppet, dolly, toy

(1) plastic **doll**, (2) rag **doll**

The antique **doll** was worth thousands of dollars.

convince

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

synonym : persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent

I am considering what I should do to **convince** him.

negative

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

synonym : minus, adverse, pessimistic

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

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

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

decision

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

synonym : choice, determination, judgment

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

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

unify

v. to bring or join something together so that they form a single unit

synonym : bring together, consolidate, merge

(1) **unify** the system, (2) **unify** the party

The people believe that they can **unify** the country.

uncertain

adj. not being sure of something; not being able to choose

synonym : doubtful, skeptical, pending

(1) numerous **uncertain** factors, (2) take an **uncertain** attitude

She was **uncertain** about her friend's intentions.

inference

n. a conclusion reached based on evidence and reasoning; a deduction or assumption

synonym : deduction, conclusion, assumption

(1) make an **inference**, (2) logical **inference**

Based on ice core samples, scientists can draw **inferences** about the Earth's past climate.

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.

represent

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

synonym: depict, express, describe

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

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

probabilistic

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

synonym: probable, statistical, likely

(1) **probabilistic** model, (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

absolutely

adv. without restriction or limitation; completely or utterly

synonym: completely, utterly, definitely

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

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

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym: dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

accumulate

v. to collect or acquire a large number of things over a long period of time

synonym: amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

combine

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

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

formula

n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

synonym: expression, recipe, procedure

(1) structural **formula**, (2) a binomial **formula**

The teacher told the students to memorize the math **formula**.

explanatory

adj. serving to explain or clarify; providing additional information or details to aid in understanding

synonym: explanative, elucidative, interpretive

(1) **explanatory** variable, (2) **explanatory** video

The professor's **explanatory** notes helped the students understand the confusing lecture material.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

intuitive

adj. obtained through feelings rather than facts or proof

synonym: involuntary, instinctive, innate

(1) **intuitive** eating, (2) **intuitive** judgment

I had an **intuitive** feeling that I might be pregnant.

decide

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

synonym: choose, determine, settle

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

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

bounce

v. to cause to move up or away after hitting a surface; to spring back

synonym: bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure

They will **bounce** between various emotional states.

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.

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.

opponent

n. a person against whom you are playing or fighting in a game, competition, debate, etc.

synonym: adversary, competitor, enemy

(1) computer **opponent**, (2) death-penalty **opponent**

He was attempting to confuse his **opponent**.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym : boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

ellipsis

n. the omission of a word or phrase from a sentence or text that is still grammatically complete, indicated by a set of three dots (...) or other markings

synonym : omission, dot-dot-dot, three dots

(1) **ellipsis** mark, (2) use an **ellipsis**

The poem's last line trailed off with an **ellipsis**, inviting readers to interpret the meaning for themselves.

apparatus

n. the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting

synonym : equipment, device, gear

(1) **apparatus** malfunction, (2) respiratory **apparatus**

The laboratory **apparatus** made it possible for the scientist to experiment.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

prediction

n. the act of predicting the future by reasoning; a statement made about the future

synonym : forecast, anticipation, foretelling

(1) make my **predictions**, (2) gloomy **predictions**

These results muddied the **prediction**.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what

has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

profoundly

adv. to a great or complete degree; deeply

synonym: deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

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**.

transformation

n. a complete change in form, nature, or appearance of someone or something

synonym: change, conversion, renewal

(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell

Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.

govern

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

synonym: control, rule, preside

(1) a nation's right to **govern**, (2) **govern** a public enterprise

The regulations **governing** medical malpractice claims are rigorous.

physics

n. the science of matter and energy and their interactions
(1) nuclear **physics**, (2) laws of **physics**
He studied the **physics** of radiation.

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.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
synonym: pretend, imitate, mimic
(1) **simulate** climate change, (2) **simulate** a future scenario
He had painted the wood to **simulate** stone.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
synonym: knock, exploit, use
(1) **tap** a new market, (2) **tap** keyboard with an index finger
To expand the company, we must **tap** new human resources.

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.

row

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
synonym: line, sequence, layer
(1) criminal on death **row**, (2) a **row** of cherry trees
He was the leader of the demonstrators and spoke out

against the war in the front **row**.

bother

v. to disturb, annoy, or cause inconvenience or worry to someone; to take the trouble or effort to do something

synonym: annoy, pester, irritate

(1) **bother** the neighbors, (2) **bother** with details

Please don't **bother** me while I'm trying to concentrate.

external

adj. belonging to or situated outside of someone or something

synonym: outside, exterior, foreign

(1) **external** factors, (2) **external** commerce

When a company discloses information to the market, an **external** auditor verifies them.

distinguish

v. to notice or understand the difference between two people or things

synonym: determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

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.

relevance

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

synonym: pertinence, applicability, connection

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

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

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text
They've decided to **reconstruct** a ruined castle.

discrepancy

n. a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence

synonym: inconsistency, difference, disparity

(1) significant **discrepancy**, (2) a **discrepancy** in the report
There is a **discrepancy** between the study's findings and the collected data.

hop

v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.

synonym: jump, bounce, skip

(1) **hop** on one foot, (2) **hop** from one place to another
The rabbit **hopped** over the fence.

subtract

v. to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole

synonym: deduct, take away, remove

(1) **subtract** numbers, (2) **subtract** one from the total
I need to **subtract** the cost of my expenses from my income to see how much money I have left.

sensation

n. a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement

synonym: feeling, perception, mania

(1) cause a widespread **sensation**, (2) taste **sensation**
If you apply this ointment, you may feel a mild burning **sensation**.

tickle

v. to lightly touch a sensitive part of somebody's body in a way that makes them laugh

synonym : titillate, make laugh

(1) **tickle** his ribs, (2) **tickle** her vanity

These models explain why you can't **tickle** yourself.

experiment

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

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

attach

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

synonym : fix, fasten, bind

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

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

palm

n. the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves

synonym : hand, fist

(1) the **palm** side of the forearm, (2) coconut **palm** trees

This high-performance camera is compact enough to fit in the **palm** of your hand.

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**.

sinusoidal

adj. having a smooth, curved shape like a sine wave; characterized by regular, rhythmic oscillations or fluctuations

synonym : wave-like, undulating, wavy

(1) **sinusoidal** wave, (2) **sinusoidal** function

The brainwave displayed a **sinusoidal** pattern during the sleep study.

replay

v. play something, such as a recording, a piece of music, or a game again

synonym : repeat, play again, go over again

(1) **replay** the game, (2) **replay** in my mind

He pushed the button and **replayed** the video again.

delay

v. to cause something to happen at a later time than originally intended or expected

synonym : block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

tempo

n. the speed at which a piece of music is performed

synonym : pace, rhythm, speed

(1) a quick **tempo**, (2) set **tempo**

The **tempo** of the music was slow and soothing.

causal

adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

synonym : causative, contributory, connected

(1) **causal** chain, (2) **causal** effect

The study aimed to establish a **causal** relationship between smoking and lung cancer.

naught

n. a numerical value representing zero or no quantity; nothingness

synonym : zero, nil, nothing

(1) **naught** percent, (2) **naught** to fear

The company's profits were reduced to **naught** due to unexpected expenses.

equivalent

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

synonym : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning
The European Central Bank is Europe's **equivalent** of the Federal Reserve.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

cancellation

n. the act of calling off or eliminating a previously arranged plan, reservation, or appointment; the process of invalidating a legal or financial agreement or contract

synonym: annulment, invalidation, revocation

(1) **cancellation** fee, (2) appointment **cancellation**

The sudden flight **cancellation** was a huge inconvenience for all the passengers.

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.

illustration

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

synonym: picture, diagram, explanation

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

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

convinced

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

synonym: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal
The public is **convinced** that the prime minister has committed fraud.

precise

adj. sharply exact or accurate or delimited

synonym : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs
The content is **precise** and informative for me.

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**.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

objective

n. a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases

synonym : goal, purpose, aim

(1) **objective** assessment, (2) financial **objective**

The study's main **objective** is to identify risk factors for heart disease.

assess

v. to judge or decide the nature or quality of someone or something

synonym : estimate, evaluate, consider

(1) **assess** a tax of 10 pounds, (2) **assess** the quality

Our company needs to **assess** the business impact of climate change.

phenomenon

n. something that exists and can be perceptible, especially one that is not fully understood

synonym: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

intervene

v. to intentionally get involved in a situation to improve it or prevent it from getting worse

synonym: interfere, mediate, intercede

(1) **intervene** in a dispute, (2) **intervene** between quarreling parties

Following international law, our country does not **intervene** in the internal affairs of our neighbors.

retaliate

v. to respond to an action or attack with a similar action, especially one that is intended to harm or punish the other person

synonym: get back, strike back, revenge

(1) **retaliate** for the blow, (2) **retaliate** in a like fashion

After the other team scored, we **retaliated** by playing even harder and scoring two quick goals.

escalate

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

synonym: increase, intensify, expand

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

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

scream

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

synonym: cry, shout, yell

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

She kept **screaming** for an ambulance.

inconsistent

adj. not remaining constant or in agreement

synonym : conflicting, discrepant, contrary

(1) **inconsistent** results, (2) **inconsistent** with the roadmap
This lawsuit appears to be unfair and **inconsistent**.

hypothesize

v. to form or present a theory or explanation without sufficient evidence; to speculate

synonym : speculate, theorize, conjecture

(1) **hypothesize** as to outcomes, (2) **hypothesize** what could have happened

Scientists **hypothesize** that the new fish species evolved to survive in deep-sea environments.

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.

recipient

n. a person who receives something

synonym : receiver, beneficiary

(1) a **recipient** of a Nobel prize, (2) a **recipient** of a lung transplant

When performing an organ transplant, it is necessary to test for compatibility between the donor and **recipient**.

concept

n. an idea or principle associated with something abstract

synonym : idea, notion, vision

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

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

identical

adj. being the exact same one

synonym : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym : resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym : lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

transfuse

v. to transfer or impart something, such as blood, emotions, or knowledge, from one thing or person to another; to permeate or soak through something with a particular quality or substance

synonym : infuse, inject, convey

(1) **transfuse** plasma, (2) **transfuse** ideas

The hospital had to **transfuse** blood into the patient to replace the lost blood from the accident.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

separate

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

synonym: disunite, isolate, ramify

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

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

measured

adj. done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful

synonym: calculated, deliberate, thought-out

(1) **measured** analysis, (2) **measured** tone of voice

Her **measured** response to the criticism showed her ability to remain calm and composed under pressure.

quarter

n. one of four equal parts; a fourth part or portion

synonym: fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

cancel

v. to decide that a previously scheduled activity will not take place

synonym: abort, invalidate, annul

(1) **cancel** a class, (2) **cancel** a free subscription trial

When customers **cancel** their reservations, they lose the deposit they made.

underestimate

v. to think or suppose that a quantity, price, or size is smaller than it is

synonym: underrate, misjudge, miscalculate

(1) **underestimate** an enemy, (2) **underestimate** the probability

They frequently **underestimated** their abilities and felt inferior.

precept

n. a guiding principle or rule of action; a commandment or instruction that serves as a moral or behavioral guideline

synonym: rule, principle, guideline

(1) practical **precept**, (2) religious **precept**

The tenets of Buddhism serve as a moral **precept** for its followers.

symbol

n. something visible that is used to represent something else

synonym: mark, character, insignia

(1) **symbol** color, (2) **symbol** for happiness

The dragon is considered a **symbol** of bravery.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

gap

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

synonym: opening, lacuna, spread

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

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

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.

joint

adj. shared, held, or made between two or more people;
(noun) the point of connection between two bones or elements of a skeleton

synonym: collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

configuration

n. the arrangement or pattern of something or a group of related things

synonym: arrangement, composition, formatting

(1) **configuration** of the system, (2) engine **configuration**

The **configuration** of molecules in steel changes significantly with temperature.

stiff

adj. not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner

synonym: rigid, inflexible, unbending

(1) **stiff** muscles, (2) **stiff** penalty

Her body felt **stiff** after sitting at her desk for hours without moving.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

stereotype

n. a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense

(1) avoid **stereotype**, (2) negative **stereotypes**

Changing **stereotypes** about LGBTQ requires considerable

effort.

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

circuit

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

synonym: route, course, rotation

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

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

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

dot

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

synonym: drop, dab, fleck

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

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

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.

instantly

adv. immediately

synonym : immediately, right away, directly

(1) **instantly** cope with, (2) be killed **instantly**

I remembered that person **instantly** and never forgot.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym : emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

variation

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

synonym : fluctuation, change, variance

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

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

population

n. the total number of people in a country, region, or location

synonym : people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

generation

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym : cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

intercept

v. to stop and catch someone or something to prevent them from continuing to a destination

synonym : ambush, block, prevent

(1) **intercept** an enemy force, (2) **intercept** X rays

It is illegal to **intercept** police radio.

desire

n. a strong feeling of wanting to have or do something
synonym : ambition, appetite, greed

(1) unsatisfied **desire**, (2) fleshly **desire**

Low sexual **desire** typically correlates with low testosterone levels.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

minimize

v. to make something, especially something bad, small or less serious

synonym : diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

intuition

n. the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why

synonym : instinct, gut feeling, sixth sense

(1) creative **intuition**, (2) **intuition** research

Some studies suggest that people's **intuitions** can be influenced by their experiences and biases.

principle

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

synonym : rule, creed, code

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

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

intellect

n. the ability to think logically and comprehend information, especially at an advanced level

synonym : mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**

Your **intellect** is capable of distinguishing among similar objects.

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.

rehabilitate

v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

synonym : reform, restore, renovate

(1) **rehabilitate** prisoners, (2) **rehabilitate** wildlife

The organization works to **rehabilitate** drug addicts and help them rebuild their lives.

dramatic

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

synonym : striking, theatrical, breathtaking

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

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

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym : rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

yearn

v. to strongly desire or long for something

synonym: long, desire, crave

(1) **yearn** after my old days, (2) **yearn** for love

She **yearned** for the days when things were simpler.

accident

n. an unfortunate event, especially one causing damage or injury

synonym: calamity, casualty, chance

(1) cause an **accident**, (2) injury in a car **accident**

The **accident** partially destroyed my vehicle.

reproduction

n. the process by which organisms create offspring; the production of something similar to an original work

synonym: procreation, replication, duplication

(1) **reproduction** rate, (2) **reproduction** system

The **reproduction** of the plant depends on the pollinators.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

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.

insight

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

synonym: wisdom, discernment, understanding

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

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

absence

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

synonym: dearth, scarcity, lack

(1) **absence** from work, (2) a leave of **absence**

Another critical factor of child poverty is the father's **absence**.

realization

n. the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

synonym: achievement, attainment, understanding

(1) **realization** of a concept, (2) harsh **realization**

Her sudden **realization** of her mistake caused her great regret.

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

Session 2: Spelling

- | | |
|--------------------------------------|---|
| 1. de_____us movements | <i>adj.</i> skilled or proficient in using the hands or body; nimble, clever, or deft |
| 2. a ti__t game | <i>adj.</i> fixed, fastened, or kept together firmly or closely |
| 3. occ_____lly dine with friends | <i>adv.</i> now and then; sometimes but not often |
| 4. intraspecific com_____on | <i>n.</i> a situation in which someone is attempting to beat or outperform another |
| 5. no__y party | <i>adj.</i> making a lot of sounds, especially loud or disruptive sound |
| 6. co_____ce an opponent | <i>v.</i> to persuade someone or make someone believe that something is true |
| 7. pr_____be a drug | <i>v.</i> (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something |
| 8. take an un_____in attitude | <i>adj.</i> not being sure of something; not being able to choose |
| 9. cause an ac_____nt | <i>n.</i> an unfortunate event, especially one causing damage or injury |
| 10. an id_____al equation | <i>adj.</i> being the exact same one |
| 11. op_____l for intellectual growth | <i>adj.</i> the best; most likely to be successful or advantageous |
| 12. a leave of ab_____e | <i>n.</i> the fact or condition of being away from a place where they are typically anticipated to be |

ANSWERS: 1. dexterous, 2. tight, 3. occasionally, 4. competition, 5. noisy, 6. convince, 7. prescribe, 8. uncertain, 9. accident, 10. identical, 11. optimal, 12. absence

13. county j__l *n.* a facility where criminals are kept to be punished for their crimes; a prison
14. a dependent va_____le *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
15. pr_____e analyses *adj.* sharply exact or accurate or delimited
16. con_____ion of the system *n.* the arrangement or pattern of something or a group of related things
17. the g_p between ideal and reality *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
18. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
19. me__l fabrication *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
20. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
21. occ_____lly change the routine *adv.* now and then; sometimes but not often
22. tr_____se plasma *v.* to transfer or impart something, such as blood, emotions, or knowledge, from one thing or person to another; to permeate or soak through something with a particular quality or substance

ANSWERS: 13. jail, 14. variable, 15. precise, 16. configuration, 17. gap, 18. fundamental, 19. metal, 20. principle, 21. occasionally, 22. transfuse

23. a mo__r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
24. the p__m side of the forearm *n.* the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves
25. cha_____st beliefs *n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others
26. the ar_____nt against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
27. a re_____nt of a Nobel prize *n.* a person who receives something
28. nuclear ph_____s *n.* the science of matter and energy and their interactions
29. dis_____sh these two things *v.* to notice or understand the difference between two people or things
30. as___s the quality *v.* to judge or decide the nature or quality of someone or something
31. get ne_____s *adj.* worried and anxious about something; relating to the nerves
32. way to mi_____ze conflict *v.* to make something, especially something bad, small or less serious
33. sq___t water *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance

ANSWERS: 23. motor, 24. palm, 25. chauvinist, 26. argument, 27. recipient, 28. physics, 29. distinguish, 30. assess, 31. nervous, 32. minimize, 33. squirt

34. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
35. in_____te in supply *adj.* unlimited or very great; impossible to measure
36. mo_____g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
37. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
38. su_____ss a revolt *v.* to bring something under control by force or authority; to put an end by force
39. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
40. pro_____ly insightful *adv.* to a great or complete degree; deeply
41. a good au_____ry memory *adj.* of or relating to hearing or the ability to hear
42. sc_____m at him to be quiet *v.* to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

ANSWERS: 34. insight, 35. infinite, 36. moving, 37. lever, 38. suppress, 39. function, 40. profoundly, 41. auditory, 42. scream

43. 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
44. 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
45. federal ci____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
46. co____t discipline *adj.* characterized by dishonest behavior or actions, often involving bribery, fraud, or the abuse of power for personal gain; morally or ethically flawed or polluted; (verb) to make someone or something morally depraved or causing it to become dishonest
47. the RSA al____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
48. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
49. de____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
50. a binomial fo____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

ANSWERS: 43. digital, 44. disease, 45. circuit, 46. corrupt, 47. algorithm, 48. humming, 49. dedicate, 50. formula

51. un__y the party *v.* to bring or join something together so that they form a single unit
52. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
53. ab____e from work *n.* the fact or condition of being away from a place where they are typically anticipated to be
54. unsatisfied de___e *n.* a strong feeling of wanting to have or do something
55. set te__o *n.* the speed at which a piece of music is performed
56. lo____ze the problem *v.* to restrict or confine something to a specific area or location; to adapt or translate something for a particular region or market
57. in____ve eating *adj.* obtained through feelings rather than facts or proof
58. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
59. st__f penalty *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
60. su____ct numbers *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
61. sy___l color *n.* something visible that is used to represent something else

ANSWERS: 51. unify, 52. numb, 53. absence, 54. desire, 55. tempo, 56. localize, 57. intuitive, 58. critic, 59. stiff, 60. subtract, 61. symbol

62. lu___y hotel *n.* a state of great comfort or sophistication, mainly provided by expensive and beautiful things
63. pr_____be in the preceding paragraph *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
64. re__x at home *v.* to become or cause someone to become less active or tense and calmer
65. a nation's right to go___n *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
66. exp_____ry video *adj.* serving to explain or clarify; providing additional information or details to aid in understanding
67. pr_____le outcome *adj.* likely to happen or likely to be true
68. co_____d a battery *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
69. bo___e back from failure *v.* to cause to move up or away after hitting a surface; to spring back
70. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 62. luxury, 63. prescribe, 64. relax, 65. govern, 66. explanatory, 67. probable, 68. command, 69. bounce, 70. reverse

71. porcelain te___t *n.* a small, usually handleless pot with a spout used for boiling or brewing tea; it often has a lid to prevent heat loss during steeping and is typically made of ceramic or metal
72. rea_____on of a concept *n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
73. share my in_____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
74. di___t information *v.* to transform food into absorbable substances; break down
75. his conclusion was ob_____s *adj.* easy to see, discover or understand
76. cl___h a victory *v.* to settle or finalize decisively; to secure or grasp firmly; to make certain or confirm beyond doubt; to secure a victory or success by a decisive action or effort
77. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
78. use an el_____is *n.* the omission of a word or phrase from a sentence or text that is still grammatically complete, indicated by a set of three dots (...) or other markings
79. taste se_____on *n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement

ANSWERS: 71. teapot, 72. realization, 73. insight, 74. digest, 75. obvious, 76. clinch, 77. lab, 78. ellipsis, 79. sensation

80. appointment can_____ion *n.* the act of calling off or eliminating a previously arranged plan, reservation, or appointment; the process of invalidating a legal or financial agreement or contract
81. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
82. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
83. at____h a file to an e-mail *v.* to fasten, join, or connect one thing to another
84. in_____ve judgment *adj.* obtained through feelings rather than facts or proof
85. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
86. ex_____e sports *adj.* very great in amount or degree
87. improve co_____ve function *adj.* of or relating to mental processes of understanding
88. a hu____e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
89. h_p on one foot *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
90. ne____l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain

ANSWERS: 80. cancellation, 81. consequence, 82. separate, 83. attach, 84. intuitive, 85. motor, 86. extreme, 87. cognitive, 88. humble, 89. hop, 90. neural

91. ca___l a class v. to decide that a previously scheduled activity will not take place
92. ability to de___e the differences v. to convert something, such as a message or piece of information, from a specific form into one that you can understand
93. de___e a question v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
94. ti___e his ribs v. to lightly touch a sensitive part of somebody's body in a way that makes them laugh
95. harsh rea_____on n. the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
96. cl___h a playoff spot v. to settle or finalize decisively; to secure or grasp firmly; to make certain or confirm beyond doubt; to secure a victory or success by a decisive action or effort
97. pop_____on change n. the total number of people in a country, region, or location
98. make dr_____ic changes adj. very sudden, very excellent, or full of action and excitement
99. ob_____s reasons adj. easy to see, discover or understand
100. acc_____te cash value v. to collect or acquire a large number of things over a long period of time

ANSWERS: 91. cancel, 92. decode, 93. decide, 94. tickle, 95. realization, 96. clinch, 97. population, 98. dramatic, 99. obvious, 100. accumulate

101. but mo_____er, they work well together
adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
102. in_____ne between quarreling parties
v. to intentionally get involved in a situation to improve it or prevent it from getting worse
103. re_____te for the blow
v. to respond to an action or attack with a similar action, especially one that is intended to harm or punish the other person
104. the p_t of the stomach
n. a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
105. h_p from one place to another
v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
106. bl__d spot
adj. unable to see; unable or unwilling to perceive or understand the true nature of something
107. mu_____ly about hundredfold
v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
108. make my pre_____ons
n. the act of predicting the future by reasoning; a statement made about the future
109. pr_____le cause of a fire
adj. likely to happen or likely to be true

ANSWERS: 101. moreover, 102. intervene, 103. retaliate, 104. pit, 105. hop, 106. blind, 107. multiply, 108. prediction, 109. probable

110. me_____ed analysis *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
111. sy___l for happiness *n.* something visible that is used to represent something else
112. blow d__t *n.* a small narrow pointed object, sometimes with feathers to help it fly, that is thrown or shot; (verb) to move along rapidly and lightly
113. co_____ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
114. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
115. manual de_____ty *n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems
116. a theoretical concept in neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
117. practical pr_____t *n.* a guiding principle or rule of action; a commandment or instruction that serves as a moral or behavioral guideline
118. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

ANSWERS: 110. measured, 111. symbol, 112. dart, 113. contract, 114. vision, 115. dexterity, 116. neuroscience, 117. precept, 118. simulate

119. ge_____e of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
120. mo_____er, she decided to go *adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
121. co_____t car *n.* an idea or principle associated with something abstract
122. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
123. re_____ce category *n.* the state or degree of being closely connected or appropriate to the matter at hand
124. cut_____dge design *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
125. el_____is mark *n.* the omission of a word or phrase from a sentence or text that is still grammatically complete, indicated by a set of three dots (...) or other markings
126. coconut p__m trees *n.* the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves
127. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

ANSWERS: 119. gesture, 120. moreover, 121. concept, 122. multiply, 123. relevance, 124. cutting-edge, 125. ellipsis, 126. palm, 127. communicate

128. me____ed tone of voice *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
129. au____ry system *adj.* of or relating to hearing or the ability to hear
130. high st__k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
131. the branch of neu____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
132. estimate pr____e costs *adj.* sharply exact or accurate or delimited
133. cen____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
134. und____ate the probability *v.* to think or suppose that a quantity, price, or size is smaller than it is
135. pr____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
136. a qu____r mile *n.* one of four equal parts; a fourth part or portion
137. st__f muscles *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
138. a dr____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 128. measured, 129. auditory, 130. stack, 131. neuroscience, 132. precise, 133. centimeter, 134. underestimate, 135. predict, 136. quarter, 137. stiff, 138. dramatic

139. rec_____ct an image *v.* to build or form something again that has been damaged or destroyed
140. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
141. fleshly de___e *n.* a strong feeling of wanting to have or do something
142. 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
143. ap_____us malfunction *n.* the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting
144. connecting the d_ts *n.* a very small circular mark, especially one that is printed
145. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
146. the first round of the com_____on *n.* a situation in which someone is attempting to beat or outperform another
147. a quick te__o *n.* the speed at which a piece of music is performed

ANSWERS: 139. reconstruct, 140. impressive, 141. desire, 142. process, 143. apparatus, 144. dot, 145. stick, 146. competition, 147. tempo

148. ninja-like ag____y *n.* the ability to move quickly and easily, often in a way that is graceful and controlled
149. pro_____tic model *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
150. religious pr____t *n.* a guiding principle or rule of action; a commandment or instruction that serves as a moral or behavioral guideline
151. a va_____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
152. have si_____ly great abilities *adv.* in almost the same way
153. ex_____al factors *adj.* belonging to or situated outside of someone or something
154. mystical sig_____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
155. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
156. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
157. a ne_____ve number *adj.* having the quality of something bad or harmful; expressing refusal
158. d__t here and there *n.* a small narrow pointed object, sometimes with feathers to help it fly, that is thrown or shot; (verb) to move along rapidly and lightly

ANSWERS: 148. agility, 149. probabilistic, 150. precept, 151. variable, 152. similarly, 153. external, 154. significance, 155. doe, 156. significance, 157. negative, 158. dart

159. 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
160. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
161. negative ste_____pes *n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense
162. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
163. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
164. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
165. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
166. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 159. digital, 160. framework, 161. stereotype, 162. reverse, 163. predict, 164. represent, 165. transformation, 166. statistics

167. a w__t of summons *n.* a written legal order or command
168. re___y the game *v.* play something, such as a recording, a piece of music, or a game again
169. all in a sw__t *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
170. b__l market *n.* a male bovine animal; an investor who has a positive outlook on the market or a particular investment and buys with the expectation of prices increasing
171. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
172. pr_____s law *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
173. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
174. lo_____ze an infection *v.* to restrict or confine something to a specific area or location; to adapt or translate something for a particular region or market
175. re___y in my mind *v.* play something, such as a recording, a piece of music, or a game again
176. tr_____se ideas *v.* to transfer or impart something, such as blood, emotions, or knowledge, from one thing or person to another; to permeate or soak through something with a particular quality or substance

ANSWERS: 167. writ, 168. replay, 169. sweat, 170. bull, 171. equivalent, 172. profess, 173. responsible, 174. localize, 175. replay, 176. transfuse

177. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
178. mi_____ze a loss *v.* to make something, especially something bad, small or less serious
179. the in_____al economy *adj.* of or relating to the inside of something
180. bo____e across the floor *v.* to cause to move up or away after hitting a surface; to spring back
181. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
182. rep_____ion rate *n.* the process by which organisms create offspring; the production of something similar to an original work
183. ev____e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
184. a dis_____cy in the report *n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
185. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
186. end of the first qu_____r *n.* one of four equal parts; a fourth part or portion
187. in_____pt X rays *v.* to stop and catch someone or something to prevent them from continuing to a destination

ANSWERS: 177. dedicate, 178. minimize, 179. internal, 180. bounce, 181. accident, 182. reproduction, 183. evolve, 184. discrepancy, 185. row, 186. quarter, 187. intercept

188. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
189. si_____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
190. precious me__l *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
191. sl__h through the mud *v.* to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud
192. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
193. vi___l navigation *adj.* relating to seeing or sight
194. a large st__k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
195. the qu__t for truth *n.* a long or challenging search for something
196. avoid ste_____pe *n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense

ANSWERS: 188. conscious, 189. simulate, 190. metal, 191. slosh, 192. evolutionary, 193. visual, 194. stack, 195. quest, 196. stereotype

197. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
198. opp_____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement
199. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
200. engine con_____ion *n.* the arrangement or pattern of something or a group of related things
201. exhibit ju_____le behavior *adj.* relating to or characteristic of youth or young people; immature
202. rud_____ry understanding *adj.* relating to basic facts or principles; fundamental
203. pe_____ve a threat *v.* to become aware or conscious of something through the senses
204. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
205. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
206. at____h firmly *v.* to fasten, join, or connect one thing to another
207. a blazing ar_____nt *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
208. de_____us fingers *adj.* skilled or proficient in using the hands or body; nimble, clever, or deft

ANSWERS: 197. biology, 198. opposition, 199. doe, 200. configuration, 201. juvenile, 202. rudimentary, 203. perceive, 204. nervous, 205. decision, 206. attach, 207. argument, 208. dexterous

209. ant_____te your kind cooperation *v.* to expect or predict that something will happen; to tell in advance
210. cause a widespread se_____on *n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement
211. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
212. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
213. sw__t bath *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
214. in_____ne in a dispute *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
215. imp_____ve performances *adj.* arousing admiration due to size, quality, or skill
216. job te___e *n.* the holding or possessing of a specific position, job, or property; the right to hold a position or property for a period of time
217. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 209. anticipate, 210. sensation, 211. mathematics, 212. movement, 213. sweat, 214. intervene, 215. impressive, 216. tenure, 217. lever

218. im_____t genes in the animals	v.	to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
219. bo____r the neighbors	v.	to disturb, annoy, or cause inconvenience or worry to someone; to take the trouble or effort to do something
220. climate var_____ty	n.	the fact or quality of something being likely to vary
221. inc_____ent with the roadmap	adj.	not remaining constant or in agreement
222. cognitive com_____ty	n.	the state or quality of being complicated or intricate and difficult to understand
223. se_____te video into chapter	v.	to force, take, or pull apart; mark as different
224. co_____ce her to go with us	v.	to persuade someone or make someone believe that something is true
225. plastic d__l	n.	a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
226. pe_____ve light	v.	to become aware or conscious of something through the senses
227. research on co_____ve psychology	adj.	of or relating to mental processes of understanding
228. hyp_____ze what could have happened	v.	to form or present a theory or explanation without sufficient evidence; to speculate
229. dis_____sh man from the other animals	v.	to notice or understand the difference between two people or things

ANSWERS: 218. implant, 219. bother, 220. variability, 221. inconsistent, 222. complexity, 223. separate, 224. convince, 225. doll, 226. perceive, 227. cognitive, 228. hypothesize, 229. distinguish

230. make an in_____ce *n.* a conclusion reached based on evidence and reasoning; a deduction or assumption
231. sl__h a drink *v.* to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud
232. rag d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
233. financial ob_____ve *n.* a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases
234. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
235. achieve op_____l health *adj.* the best; most likely to be successful or advantageous
236. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
237. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 230. inference, 231. slosh, 232. doll, 233. objective, 234. spot, 235. optimal, 236. manipulate, 237. advantage

238. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
239. in_____pt an enemy force *v.* to stop and catch someone or something to prevent them from continuing to a destination
240. ob_____ve assessment *n.* a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases
241. sq____t oil *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
242. educational ill_____ion *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
243. help di____t food *v.* to transform food into absorbable substances; break down
244. no__y neighbor *adj.* making a lot of sounds, especially loud or disruptive sound
245. a rud_____ry plant *adj.* relating to basic facts or principles; fundamental
246. rep_____ion system *n.* the process by which organisms create offspring; the production of something similar to an original work

ANSWERS: 238. decision, 239. intercept, 240. objective, 241. squirt, 242. illustration, 243. digest, 244. noisy, 245. rudimentary, 246. reproduction

247. v__t desert *adj.* enormous in size, number, amount, or quantity
248. reh_____ate wildlife *v.* to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
249. shopping re___ds cards *n.* a thing given in acknowledgment of service, hard work, achievement, etc.
250. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
251. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
252. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
253. linear app_____te equation *adj.* nearly accurate or correct, but not completely so
254. rec_____ct the original text *v.* to build or form something again that has been damaged or destroyed
255. 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
256. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 247. vast, 248. rehabilitate, 249. reward, 250. moving, 251. determinant, 252. mathematics, 253. approximate, 254. reconstruct, 255. perception, 256. advantage

257. ge_____te more electricity *v.* to produce or create something; to make offspring by reproduction
258. gen_____ion of the problem *n.* the act of making a broad statement or conclusion based on limited information or experience; a statement that applies to a large group or category of things or people, often without considering the unique qualities or circumstances of each individual
259. field of vi____l arts *adj.* relating to seeing or sight
260. can_____ion fee *n.* the act of calling off or eliminating a previously arranged plan, reservation, or appointment; the process of invalidating a legal or financial agreement or contract
261. co_____d and control *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
262. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
263. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
264. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

ANSWERS: 257. generate, 258. generalization, 259. visual, 260. cancellation, 261. command, 262. sequence, 263. generation, 264. decode

265. su____ss a yawn
v. to bring something under control by force or authority; to put an end by force
266. natural phe_____on
n. something that exists and can be perceptible, especially one that is not fully understood
267. completely fas_____ng to me
adj. extremely interesting
268. learn new co_____ts
n. an idea or principle associated with something abstract
269. reh_____ate prisoners
v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment
270. sin_____al wave
adj. having a smooth, curved shape like a sine wave; characterized by regular, rhythmic oscillations or fluctuations
271. co_____us effort
adj. being aware of and able to respond to what is happening around you
272. ca___l a free subscription trial
v. to decide that a previously scheduled activity will not take place
273. draw an_____y
n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept
274. death-penalty op_____nt
n. a person against whom you are playing or fighting in a game, competition, debate, etc.
275. ju_____le justice
adj. relating to or characteristic of youth or young people; immature
276. historical an_____y
n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

ANSWERS: 265. suppress, 266. phenomenon, 267. fascinating, 268. concept, 269. rehabilitate, 270. sinusoidal, 271. conscious, 272. cancel, 273. analogy, 274. opponent, 275. juvenile, 276. analogy

277. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
278. ca___l effect *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
279. co_____ed of the idea *adj.* completely certain about something; having a strong belief or conviction in a particular religion
280. b__l fighter *n.* a male bovine animal; an investor who has a positive outlook on the market or a particular investment and buys with the expectation of prices increasing
281. d_t blot method *n.* a very small circular mark, especially one that is printed
282. ant_____te a black future *v.* to expect or predict that something will happen; to tell in advance
283. in_____ly cope with *adv.* immediately
284. 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
285. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
286. bo___r with details *v.* to disturb, annoy, or cause inconvenience or worry to someone; to take the trouble or effort to do something

ANSWERS: 277. absolutely, 278. causal, 279. convinced, 280. bull, 281. dot, 282. anticipate, 283. instantly, 284. process, 285. responsible, 286. bother

287. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
288. de__y a flight three hours *v.* to cause something to happen at a later time than originally intended or expected
289. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
290. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
291. ill_____ion artist *n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
292. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
293. a se_____y organ *adj.* of or relating to the physical senses
294. te___e track *n.* the holding or possessing of a specific position, job, or property; the right to hold a position or property for a period of time
295. sc___m a profanity *v.* to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice
296. be in j__l *n.* a facility where criminals are kept to be punished for their crimes; a prison

ANSWERS: 287. bunch, 288. delay, 289. phenomenon, 290. institute, 291. illustration, 292. experiment, 293. sensory, 294. tenure, 295. scream, 296. jail

297. structural fo____a *n.* a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement
298. ti___e her vanity *v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh
299. ye__n for love *v.* to strongly desire or long for something
300. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
301. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
302. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
303. the t__e of a song *n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
304. human in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
305. exp_____ry variable *adj.* serving to explain or clarify; providing additional information or details to aid in understanding
306. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
307. co_____t good manners *adj.* characterized by dishonest behavior or actions, often involving bribery, fraud, or the abuse of power for personal gain; morally or ethically flawed or polluted; (verb) to make someone or something morally depraved or causing it to become dishonest

ANSWERS: 297. formula, 298. tickle, 299. yearn, 300. complicated, 301. variation,

302. evolve, 303. tune, 304. intellect, 305. explanatory, 306. evolutionary, 307. corrupt

308. student on a ti__t budget *adj.* fixed, fastened, or kept together firmly or closely
309. abs_____ly against *adv.* without restriction or limitation; completely or utterly
310. an ad_____le person *adj.* able or willing to modify or be modified to deal with new situations
311. creative in_____on *n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why
312. be killed in_____ly *adv.* immediately
313. t__e a piano *n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
314. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
315. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
316. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
317. 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

ANSWERS: 308. tight, 309. absolutely, 310. adaptable, 311. intuition, 312. instantly, 313. tune, 314. centimeter, 315. planet, 316. complexity, 317. passive

318. ch_____od development	<i>n.</i> the state or time of being a child
319. a civil en_____er	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
320. logical in_____ce	<i>n.</i> a conclusion reached based on evidence and reasoning; a deduction or assumption
321. co_____e chemically with another substance	<i>v.</i> to join or merge to form a single thing or group
322. ex_____al commerce	<i>adj.</i> belonging to or situated outside of someone or something
323. hu___e opinion	<i>adj.</i> having or showing a modest or low estimate of one's quality or importance
324. ag_____y training	<i>n.</i> the ability to move quickly and easily, often in a way that is graceful and controlled
325. significant dis_____cy	<i>n.</i> a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
326. com_____te well with my advisor	<i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals
327. a re_____nt of a lung transplant	<i>n.</i> a person who receives something
328. official sta_____cs	<i>n.</i> the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
329. research in_____tes	<i>n.</i> an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

ANSWERS: 318. childhood, 319. engineer, 320. inference, 321. combine, 322. external, 323. humble, 324. agility, 325. discrepancy, 326. communicate, 327. recipient, 328. statistics, 329. institute

330. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
331. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
332. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
333. ca___l chain *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
334. con_____on of a disease *n.* the act or process of becoming smaller or shorter in size, volume, or amount
335. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
336. in_____te appetite *adj.* unlimited or very great; impossible to measure
337. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
338. insurance pr_____m *n.* an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value
339. pro_____tic approach *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

ANSWERS: 330. manipulate, 331. equivalent, 332. ph, 333. causal, 334. contraction, 335. accumulate, 336. infinite, 337. fundamental, 338. premium, 339. probabilistic

340. immune fu____on
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
341. gloomy pre_____ons
- n.* the act of predicting the future by reasoning; a statement made about the future
342. on a qu__t for happiness
- n.* a long or challenging search for something
343. me_____e allergic reaction
- v.* to try to bring about an agreement or understanding between people who are in conflict
344. en_____er shortage
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
345. go___n a public enterprise
- v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
346. fas_____ng story
- adj.* extremely interesting
347. ro_____c guide operation
- adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 340. function, 341. prediction, 342. quest, 343. mediate, 344. engineer, 345. govern, 346. fascinating, 347. robotic

348. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
349. de_____ty with the pen *n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems
350. pr_____s innocence *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
351. 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
352. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
353. the bone of a jo__t *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
354. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
355. labor pop_____on *n.* the total number of people in a country, region, or location
356. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
357. laws of ph_____s *n.* the science of matter and energy and their interactions

ANSWERS: 348. random, 349. dexterity, 350. profess, 351. disease, 352. opposition, 353. joint, 354. brain, 355. population, 356. bunch, 357. physics

358. me_____e a negotiation *v.* to try to bring about an agreement or understanding between people who are in conflict
359. Ne_____an physics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
360. computer op_____nt *n.* a person against whom you are playing or fighting in a game, competition, debate, etc.
361. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
362. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
363. criminal on death r_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
364. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
365. antique te____t *n.* a small, usually handleless pot with a spout used for boiling or brewing tea; it often has a lid to prevent heat loss during steeping and is typically made of ceramic or metal
366. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 358. mediate, 359. Newtonian, 360. opponent, 361. generation, 362. brain, 363. row, 364. algorithm, 365. teapot, 366. planet

367. su____ct one from the total *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
368. get into the lu____y car market *n.* a state of great comfort or sophistication, mainly provided by expensive and beautiful things
369. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
370. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
371. v__t majority *adj.* enormous in size, number, amount, or quantity
372. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
373. the re____d for good works *n.* a thing given in acknowledgment of service, hard work, achievement, etc.
374. in____al organs *adj.* of or relating to the inside of something
375. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
376. cut_____dge molecular biology *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
377. since ch_____od *n.* the state or time of being a child
378. de__y the new project *v.* to cause something to happen at a later time than originally intended or expected

ANSWERS: 367. subtract, 368. luxury, 369. lab, 370. consequence, 371. vast, 372. represent, 373. reward, 374. internal, 375. biology, 376. cutting-edge, 377. childhood, 378. delay

379. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
380. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
381. na____t to fear *n.* a numerical value representing zero or no quantity; nothingness
382. co_____e augmented reality *v.* to join or merge to form a single thing or group
383. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
384. hasty gen_____ion *n.* the act of making a broad statement or conclusion based on limited information or experience; a statement that applies to a large group or category of things or people, often without considering the unique qualities or circumstances of each individual
385. a_m to be a nurse *v.* to try or plan to get or achieve something
386. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
387. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
388. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 379. complicated, 380. critic, 381. naught, 382. combine, 383. negative, 384. generalization, 385. aim, 386. transformation, 387. movement, 388. distribute

389. 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
390. con_____on in the industry *n.* the act or process of becoming smaller or shorter in size, volume, or amount
391. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
392. issue a w__t *n.* a written legal order or command
393. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
394. si_____ly situated *adv.* in almost the same way
395. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
396. co_____ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
397. a_m at a specific target *v.* to try or plan to get or achieve something
398. ne___l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
399. enrich my in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
400. sin_____al function *adj.* having a smooth, curved shape like a sine wave; characterized by regular, rhythmic oscillations or fluctuations

ANSWERS: 389. perception, 390. contraction, 391. variation, 392. writ, 393. sequence, 394. similarly, 395. generate, 396. convinced, 397. aim, 398. neural, 399. intellect, 400. sinusoidal

401. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
402. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
403. distance g_p *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
404. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
405. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
406. app_____te time *adj.* nearly accurate or correct, but not completely so
407. sleep pro_____ly *adv.* to a great or complete degree; deeply
408. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
409. to es_____te *v.* to increase in intensity, size, or severity; to make something greater, worse, or more serious
410. ex_____e weather events *adj.* very great in amount or degree
411. respiratory ap_____us *n.* the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting

ANSWERS: 401. vision, 402. estimate, 403. gap, 404. determinant, 405. numb, 406. approximate, 407. profoundly, 408. framework, 409. escalate, 410. extreme, 411. apparatus

412. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
413. employment co_____ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
414. natural var_____ty *n.* the fact or quality of something being likely to vary
415. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
416. 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
417. ad_____le enough for the environment *adj.* able or willing to modify or be modified to deal with new situations
418. pr_____m quality *n.* an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value
419. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something

ANSWERS: 412. ph, 413. contract, 414. variability, 415. robotic, 416. passive, 417. adaptable, 418. premium, 419. estimate

420. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
421. im_____t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
422. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
423. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
424. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
425. the bottomless p_t *n.* a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
426. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
427. pair of id_____al twins *adj.* being the exact same one
428. ci_____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
429. as___s a tax of 10 pounds *v.* to judge or decide the nature or quality of someone or something

ANSWERS: 420. Newtonian, 421. implant, 422. joint, 423. tap, 424. distribute, 425. pit, 426. humming, 427. identical, 428. circuit, 429. assess

430. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
431. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
432. inc_____ent results *adj.* not remaining constant or in agreement
433. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
434. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
435. bombs fell at ra___m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
436. a child with se_____y issues *adj.* of or relating to the physical senses
437. na___t percent *n.* a numerical value representing zero or no quantity; nothingness
438. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
439. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
440. un__y the system *v.* to bring or join something together so that they form a single unit

ANSWERS: 430. spot, 431. blind, 432. inconsistent, 433. stick, 434. tap, 435. random, 436. sensory, 437. naught, 438. principle, 439. gesture, 440. unify

441. in_____on research *n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why
442. numerous un_____in factors *adj.* not being sure of something; not being able to choose
443. und_____ate an enemy *v.* to think or suppose that a quantity, price, or size is smaller than it is
444. es_____te into a major international incident *v.* to increase in intensity, size, or severity; to make something greater, worse, or more serious
445. have no re_____ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
446. racial cha_____st *n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others
447. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
448. clarify am_____us points *adj.* open to more than one interpretation; not clear or decided
449. ye__n after my old days *v.* to strongly desire or long for something
450. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
451. re_____te in a like fashion *v.* to respond to an action or attack with a similar action, especially one that is intended to harm or punish the other person

ANSWERS: 441. intuition, 442. uncertain, 443. underestimate, 444. escalate, 445. relevance, 446. chauvinist, 447. experiment, 448. ambiguous, 449. yearn, 450. decide, 451. retaliate

452. re__x a series of muscles *v.* to become or cause someone to become less active or tense and calmer
453. am_____us situation *adj.* open to more than one interpretation; not clear or decided
454. hyp_____ze as to outcomes *v.* to form or present a theory or explanation without sufficient evidence; to speculate

ANSWERS: 452. relax, 453. ambiguous, 454. hypothesize

Session 3: Fill in the Blanks

1. After the other team scored, we _____ by playing even harder and scoring two quick goals.
 - v. to respond to an action or attack with a similar action, especially one that is intended to harm or punish the other person

2. Efficiency isn't an essential _____ here; fairness is.
 - n. a fundamental law or truth that explains or controls how something happens or works

3. The laboratory _____ made it possible for the scientist to experiment.
 - n. the equipment, materials, or tools that are used to perform a specific task, often in a scientific, technical, or industrial setting

4. The water _____ over the edge of the bucket and spilled onto the floor.
 - v. to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud

5. The teacher told the students to memorize the math _____.
 - n. a group of symbols, letters, or numbers that represent a rule, law, or mathematical statement

6. The museum houses a _____ collection of Celtic artifacts.
 - adj. extremely interesting

7. Solar gravity creates _____ pressures and temperatures.
 - adj. very great in amount or degree

ANSWERS: 1. retaliated, 2. principle, 3. apparatus, 4. sloshed, 5. formula, 6. fascinating, 7. extreme

8. The poem's last line trailed off with an _____ inviting readers to interpret the meaning for themselves.
- n.* the omission of a word or phrase from a sentence or text that is still grammatically complete, indicated by a set of three dots (...) or other markings
9. The novel affected her _____ causing her to question her beliefs and values.
- adv.* to a great or complete degree; deeply
10. Some kinds of machine learning models show an _____ to how people learn.
- n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
11. The band played a beautiful _____ on their instruments.
- n.* a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
12. Scientists _____ that the new fish species evolved to survive in deep-sea environments.
- v.* to form or present a theory or explanation without sufficient evidence; to speculate
13. The company signed a _____ with the supplier for the delivery of goods.
- n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
14. He devised a new analytical _____ to capture the phenomenon.
- n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

ANSWERS: 8. ellipsis, 9. profoundly, 10. analogy, 11. tune, 12. hypothesize, 13. contract, 14. framework

15. To expand the company, we must ____ new human resources.
- v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
16. He had painted the wood to _____ stone.
- v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
17. 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
18. The teacher had to _____ a disagreement between two students over a stolen pencil.
- v. to try to bring about an agreement or understanding between people who are in conflict
19. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.
- n. a complete change in form, nature, or appearance of someone or something
20. The hospital had to _____ blood into the patient to replace the lost blood from the accident.
- v. to transfer or impart something, such as blood, emotions, or knowledge, from one thing or person to another; to permeate or soak through something with a particular quality or substance
21. The European Central Bank is Europe's _____ of the Federal Reserve.
- n. having the same value, quality, meaning, purpose, etc.

ANSWERS: 15. tap, 16. simulate, 17. biology, 18. mediate, 19. transformations, 20. transfuse, 21. equivalent

22. She was _____ about her friend's intentions.

adj. not being sure of something; not being able to choose

23. We _____ heavy snowfall tomorrow.

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

24. This lawsuit appears to be unfair and _____.

adj. not remaining constant or in agreement

25. The _____ between the two sides over the proposed policy was heated.

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

26. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

27. Please tell me how to _____ this computer.

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

28. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

29. 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

30. This region has many _____ offering higher education.

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

ANSWERS: 22. uncertain, 23. anticipate, 24. inconsistent, 25. argument, 26. quest, 27. manipulate, 28. visual, 29. neuroscience, 30. institutes

31. Infant formulas are nutritionally almost _____ to a mother's breast milk.
adj. being the exact same one
32. The _____ politician was finally exposed and faced criminal charges.
adj. characterized by dishonest behavior or actions, often involving bribery, fraud, or the abuse of power for personal gain; morally or ethically flawed or polluted;
(verb) to make someone or something morally depraved or causing it to become dishonest
33. She wiped the _____ off her forehead with a towel.
n. the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
34. He _____ his life to helping others.
v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
35. There is a lot of _____ in the colors of flowers in the garden.
n. the act or state of changing; a difference or change in the way something is done, made or said
36. Please don't _____ me while I'm trying to concentrate.
v. to disturb, annoy, or cause inconvenience or worry to someone; to take the trouble or effort to do something
37. The ___ level of this soil is too acidic for these types of plants.
n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

ANSWERS: 31. identical, 32. corrupt, 33. sweat, 34. dedicated, 35. variation, 36. bother, 37. ph

38. He did _____ pen-and-ink drawings in just a few days.

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

39. _____ algorithms can find ways to optimize that humans do not anticipate.

adj. relating to or denoting how living things develop or change from earlier forms

40. Night fishing has a lot of _____.

n. a thing given in acknowledgment of service, hard work, achievement, etc.

41. This high-performance camera is compact enough to fit in the ____ of your hand.

n. the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves

42. This initiative will be a _____ for increasing company sales.

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

43. One _____ of success is having a positive attitude and a strong work ethic.

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

44. 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

45. He was served with a _____ of eviction, giving him the notice to vacate the property.

n. a written legal order or command

ANSWERS: 38. complicated, 39. Evolutionary, 40. rewards, 41. palm, 42. lever, 43. determinant, 44. brain, 45. writ

46. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.
- n.* one of four equal parts; a fourth part or portion
47. Her body felt _____ after sitting at her desk for hours without moving.
- adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
48. 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
49. 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
50. This remote _____ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
51. The sudden flight _____ was a huge inconvenience for all the passengers.
- n.* the act of calling off or eliminating a previously arranged plan, reservation, or appointment; the process of invalidating a legal or financial agreement or contract
52. I had an _____ feeling that I might be pregnant.
- adj.* obtained through feelings rather than facts or proof

ANSWERS: 46. quarter, 47. stiff, 48. disease, 49. process, 50. spot, 51. cancellation, 52. intuitive

53. The restaurant _____ a ban on smoking.

- v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

54. Some studies suggest that people's _____ can be influenced by their experiences and biases.

- n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why

55. Her sudden _____ of her mistake caused her great regret.

- n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

56. Dolphins use sound to _____ with each other.

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

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

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

58. He has _____ his wealth through real estate investments.

- v.* to collect or acquire a large number of things over a long period of time

59. Sharks have highly developed _____ systems and are extremely sensitive creatures.

- adj.* of or relating to the physical senses

ANSWERS: 53. reversed, 54. intuitions, 55. realization, 56. communicate, 57. decide, 58. accumulated, 59. sensory

60. He does not _____ importance to these rumors.

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

61. The organization works to _____ drug addicts and help them rebuild their lives.

v. to restore to good health or physical condition; to help someone return to a normal life, especially after a period of illness, addiction, or imprisonment

62. The detective suspected that the vandalism was the work of _____ delinquents.

adj. relating to or characteristic of youth or young people; immature

63. The _____ cost of the project was estimated to be around \$500,000.

adj. nearly accurate or correct, but not completely so

64. Low sexual _____ typically correlates with low testosterone levels.

n. a strong feeling of wanting to have or do something

65. The antique _____ was worth thousands of dollars.

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

66. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

67. He was attempting to confuse his _____.

n. a person against whom you are playing or fighting in a game, competition, debate, etc.

ANSWERS: 60. attach, 61. rehabilitate, 62. juvenile, 63. approximate, 64. desire, 65. doll, 66. robotic, 67. opponent

68. I bought a gadget before my trip to help _____ stress during the flight.

v. to make something, especially something bad, small or less serious

69. His _____ speech about his struggles with addiction brought tears to the audience's eyes.

adj. causing strong emotions or feelings, especially sadness or sympathy

70. Federal bankruptcy laws _____ the reorganization process.

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

71. She managed to _____ the deal by offering a competitive price and excellent customer service.

v. to settle or finalize decisively; to secure or grasp firmly; to make certain or confirm beyond doubt; to secure a victory or success by a decisive action or effort

72. The _____ of the music was slow and soothing.

n. the speed at which a piece of music is performed

73. The rules were _____ after the new executive arrived.

v. to become or cause someone to become less active or tense and calmer

74. The coach had the team run through the _____ ladder to improve their coordination.

n. the ability to move quickly and easily, often in a way that is graceful and controlled

75. His estate was _____ to his sons.

v. to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 68. minimize, 69. moving, 70. prescribed, 71. clinch, 72. tempo, 73. relaxed, 74. agility, 75. distributed

76. The _____ musician played the piano with ease and precision.
adj. skilled or proficient in using the hands or body; nimble, clever, or deft
77. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
78. We argue that wages for temporary workers should _____ rise.
adv. in almost the same way
79. The public is _____ that the prime minister has committed fraud.
adj. completely certain about something; having a strong belief or conviction in a particular religion
80. She _____ the ketchup onto her fries before taking a bite.
v. to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
81. The construction worker used a _____ saw to cut through the stubborn sheet metal.
n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
82. It's notoriously challenging to _____ birth rates.
v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
83. 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: 76. dexterous, 77. sequence, 78. similarly, 79. convinced, 80. squirted, 81. metal, 82. predict, 83. passive

84. In just four years, the _____ has doubled.
n. the total number of people in a country, region, or location
85. The national election was held amid _____ security.
adj. fixed, fastened, or kept together firmly or closely
86. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
87. Your _____ is capable of distinguishing among similar objects.
n. the ability to think logically and comprehend information, especially at an advanced level
88. The _____ nerve carries sound signals from the ear to the brain.
adj. of or relating to hearing or the ability to hear
89. The construction outside was creating a _____ distraction from my work.
adj. making a lot of sounds, especially loud or disruptive sound
90. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
91. The motion of planets can be described using _____ mechanics.
adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation
92. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 84. population, 85. tight, 86. vision, 87. intellect, 88. auditory, 89. noisy, 90. complexity, 91. Newtonian, 92. function

93. She still _____ writes a short romance novel.

adv. now and then; sometimes but not often

94. She made a facial _____ to express disagreement.

n. a movement of the hands, head, or face that express a particular meaning

95. We seek a candidate who possesses _____ fighting potential.

adj. able or willing to modify or be modified to deal with new situations

96. There is a _____ between the study's findings and the collected data.

n. a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence

97. These results muddied the _____.

n. the act of predicting the future by reasoning; a statement made about the future

98. We elected him to _____ us at the international conference.

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

99. The study's main _____ is to identify risk factors for heart disease.

n. a goal, aim, or purpose that is intended or sought after; a goal that is based on facts, evidence, or unbiased reasoning rather than personal opinions, feelings, or beliefs; (adjective) of or relating something that is based on facts and not influenced by personal feelings or biases

100. When performing an organ transplant, it is necessary to test for compatibility between the donor and _____.

n. a person who receives something

ANSWERS: 93. occasionally, 94. gesture, 95. adaptable, 96. discrepancy, 97. prediction, 98. represent, 99. objective, 100. recipient

101. If you apply this ointment, you may feel a mild burning _____.
- n.* a feeling associated with stimulation of a sense organ or with a specific body condition; a general feeling of interest and excitement
102. Based on ice core samples, scientists can draw _____ about the Earth's past climate.
- n.* a conclusion reached based on evidence and reasoning; a deduction or assumption
103. He has a flair for _____.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
104. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together
105. When customers _____ their reservations, they lose the deposit they made.
- v.* to decide that a previously scheduled activity will not take place
106. To find drunk drivers, police conduct _____ tests.
- adj.* made, done, or happening without method, conscious decision, or any regular pattern
107. His _____ faculties were getting worse because of a lack of sleep.
- adj.* of or relating to mental processes of understanding
108. The people believe that they can _____ the country.
- v.* to bring or join something together so that they form a single unit

ANSWERS: 101. sensation, 102. inferences, 103. mathematics, 104. bunch, 105. cancel, 106. random, 107. cognitive, 108. unify

109. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
110. A poison _____ hit him.
- n.* a small narrow pointed object, sometimes with feathers to help it fly, that is thrown or shot; (verb) to move along rapidly and lightly
111. Hunters use a whistle that makes the _____ sound to lure stags.
- n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
112. He _____ his love for her every day, showering her with gifts and affection.
- v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
113. There was a disturbance of _____ function.
- adj.* of or relating to a nerve or the nervous system that includes the brain
114. The content is _____ and informative for me.
- adj.* sharply exact or accurate or delimited
115. A _____ audience viewed the broadcast.
- adj.* enormous in size, number, amount, or quantity
116. Her _____ response to the criticism showed her ability to remain calm and composed under pressure.
- adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful

ANSWERS: 109. statistics, 110. dart, 111. doe, 112. professes, 113. neural, 114. precise, 115. vast, 116. measured

117. The economic stimulation program would _____ a lot of new jobs.

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

118. We ___ for an overseas expansion.

v. to try or plan to get or achieve something

119. We can evaluate the performance of an _____ in terms of computation time.

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

120. They frequently _____ their abilities and felt inferior.

v. to think or suppose that a quantity, price, or size is smaller than it is

121. Global _____ is rising in virtually every industry.

n. a situation in which someone is attempting to beat or outperform another

122. She _____ for the days when things were simpler.

v. to strongly desire or long for something

123. Advocates for legal reform hear less harsh words from their _____.

n. someone who expresses opinions about the quality of books, music, etc.

124. His anti-_____ practices were quite strict.

n. a state of great comfort or sophistication, mainly provided by expensive and beautiful things

125. The _____ of the economy has led to job losses.

n. the act or process of becoming smaller or shorter in size, volume, or amount

ANSWERS: 117. generate, 118. aim, 119. algorithm, 120. underestimated, 121. competition, 122. yearned, 123. critics, 124. luxury, 125. contraction

126. I am considering what I should do to _____ him.

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

127. He became _____ that he was being followed.

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

128. The doctor will _____ a pacemaker to regulate his heart rate.

v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

129. 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

130. The doctor prescribed medication to _____ the patient's appetite.

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

131. The younger _____ has different values and beliefs than the older one.

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

132. Mercury is the closest _____ to the sun.

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

133. The nobler, the more _____.

adj. having or showing a modest or low estimate of one's quality or importance

134. I need to _____ the cost of my expenses from my income to see how much money I have left.

v. to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole

ANSWERS: 126. convince, 127. conscious, 128. implant, 129. humming, 130. suppress, 131. generation, 132. planet, 133. humble, 134. subtract

135. He has only a _____ knowledge of this topic.

adj. relating to basic facts or principles; fundamental

136. This study _____ four different ways to run a business.

v. to notice or understand the difference between two people or things

137. The _____ of his discovery cannot be overstated.

n. the importance or value attached to something; the quality of being significant or noteworthy

138. She was nearly _____ due to severe diabetes.

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

139. The budget reduction was an _____ feat for our nation.

adj. arousing admiration due to size, quality, or skill

140. He pushed the button and _____ the video again.

v. play something, such as a recording, a piece of music, or a game again

141. Eyeless fish _____ in dark caves.

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

142. Many people are working together to close the gender _____.

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

143. The study aimed to establish a _____ relationship between smoking and lung cancer.

adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

ANSWERS: 135. rudimentary, 136. distinguished, 137. significance, 138. blind, 139. impressive, 140. replayed, 141. evolved, 142. gap, 143. causal

144. The _____ will repair my telephone tomorrow morning.

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

145. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

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

adj. of or relating to the inside of something

147. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

148. The wallpaper had a pattern of pink _____ on a white surface.

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

149. Changing _____ about LGBTQ requires considerable effort.

n. a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense

150. Most babies can readily _____ a wide variety of foods.

v. to transform food into absorbable substances; break down

151. The tenets of Buddhism serve as a moral _____ for its followers.

n. a guiding principle or rule of action; a commandment or instruction that serves as a moral or behavioral guideline

ANSWERS: 144. engineer, 145. physics, 146. internal, 147. probable, 148. dots, 149. stereotypes, 150. digest, 151. precept

152. The regulations _____ medical malpractice claims are rigorous.

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

153. It is illegal to _____ police radio.

- v.* to stop and catch someone or something to prevent them from continuing to a destination

154. The _____ party strongly disagreed with the government's proposed legislation.

- n.* the act of disagreeing or resisting; the state of strong disagreement

155. These models explain why you can't _____ yourself.

- v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh

156. The general gave a _____ to his troops to prepare for battle.

- n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

157. The professor's _____ at the university ends this year, and she is still determining her future career options.

- n.* the holding or possessing of a specific position, job, or property; the right to hold a position or property for a period of time

158. The brainwave displayed a _____ pattern during the sleep study.

- adj.* having a smooth, curved shape like a sine wave; characterized by regular, rhythmic oscillations or fluctuations

ANSWERS: 152. governing, 153. intercept, 154. opposition, 155. tickle, 156. command, 157. tenure, 158. sinusoidal

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

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

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

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

161. After the summit meeting, the prime ministers issued a _____ statement.

adj. shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton

162. The software could _____ the encrypted data and reveal the hidden information.

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

163. The police escorted the prisoner to the _____.

n. a facility where criminals are kept to be punished for their crimes; a prison

164. The ceramic _____ shattered on the kitchen floor when I accidentally dropped it.

n. a small, usually handleless pot with a spout used for boiling or brewing tea; it often has a lid to prevent heat loss during steeping and is typically made of ceramic or metal

165. The situation quickly _____ and turned violent.

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

166. The dragon is considered a _____ of bravery.

n. something visible that is used to represent something else

ANSWERS: 159. dramatic, 160. separate, 161. joint, 162. decode, 163. jail, 164. teapot, 165. escalated, 166. symbol

167. It's unfair to make a _____ about an entire group of people based on stereotypes.

- n.* the act of making a broad statement or conclusion based on limited information or experience; a statement that applies to a large group or category of things or people, often without considering the unique qualities or circumstances of each individual

168. I remembered that person _____ and never forgot.

- adv.* immediately

169. The surgeon's _____ was impressive during the delicate surgery.

- n.* skill and speed in performing physical tasks, especially with the hands; mental skill or adroitness in dealing with situations or problems

170. The _____ of the dancers on stage was graceful and elegant.

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

171. They've decided to _____ a ruined castle.

- v.* to build or form something again that has been damaged or destroyed

172. Australia is widely _____ as having low levels of corruption.

- v.* to become aware or conscious of something through the senses

173. I am _____ opposed to his idea because of morality.

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

174. The company is environmentally conscious, and _____ it uses sustainable materials in its products.

- adv.* indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

ANSWERS: 167. generalization, 168. instantly, 169. dexterity, 170. movement, 171. reconstruct, 172. perceived, 173. absolutely, 174. moreover,

175. The farmer raised a _____ on his ranch for breeding purposes.

- n.* a male bovine animal; an investor who has a positive outlook on the market or a particular investment and buys with the expectation of prices increasing

176. Rainfall in the tropics is highly _____.

- adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

177. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.

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

178. A rainbow is a natural _____.

- n.* something that exists and can be perceptible, especially one that is not fully understood

179. Following international law, our country does not _____ in the internal affairs of our neighbors.

- v.* to intentionally get involved in a situation to improve it or prevent it from getting worse

180. 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

181. He was the leader of the demonstrators and spoke out against the war in the front _____.

- n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

ANSWERS: 175. bull, 176. variable, 177. motors, 178. phenomenon, 179. intervene, 180. perception, 181. row

182. The _____ of molecules in steel changes significantly with temperature.

n. the arrangement or pattern of something or a group of related things

183. The professor's _____ notes helped the students understand the confusing lecture material.

adj. serving to explain or clarify; providing additional information or details to aid in understanding

184. The _____ technology was revolutionary in its field.

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

185. One such rapidly growing _____ is quantum cryptography.

n. an idea or principle associated with something abstract

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

adj. unlimited or very great; impossible to measure

187. It is crucial to quickly _____ the source of the contamination to prevent further spread of the virus.

v. to restrict or confine something to a specific area or location; to adapt or translate something for a particular region or market

188. She kept _____ for an ambulance.

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

189. An intelligent battery has a voltage monitoring _____.

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

ANSWERS: 182. configuration, 183. explanatory, 184. cutting-edge, 185. concept, 186. infinite, 187. localize, 188. screaming, 189. circuit

190. Some people are willing to pay a _____ for a rare and valuable collectible.
n. an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value
191. The earthquake caused a _____ of lumber to crumble noisily.
n. a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
192. My left arm became _____.
adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity
193. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
194. He had fond memories of his _____ spent playing in the park with his friends.
n. the state or time of being a child
195. The _____ of this information to the current situation needs to be investigated.
n. the state or degree of being closely connected or appropriate to the matter at hand
196. Our company needs to _____ the business impact of climate change.
v. to judge or decide the nature or quality of someone or something
197. Wild animals need to go forward with the _____ action to survive.
adj. the best; most likely to be successful or advantageous

ANSWERS: 190. premium, 191. stack, 192. numb, 193. lab, 194. childhood, 195. relevance, 196. assess, 197. optimal

198. The _____ partially destroyed my vehicle.

n. an unfortunate event, especially one causing damage or injury

199. She was struggling to make a _____ between two job offers.

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

200. Hydrogen and oxygen _____ to form water.

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

201. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

202. We gained various _____ by analyzing the vast amount of data owned by the company.

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

203. When a company discloses information to the market, an _____ auditor verifies them.

adj. belonging to or situated outside of someone or something

204. _____ a number by itself twice.

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

205. They will _____ between various emotional states.

v. to cause to move up or away after hitting a surface; to spring back

ANSWERS: 198. accident, 199. decision, 200. combine, 201. obvious, 202. insights, 203. external, 204. Multiply, 205. bounce

206. The company's profits were reduced to _____ due to unexpected expenses.
n. a numerical value representing zero or no quantity; nothingness
207. You _____ a bill in the change machine, and the coins pop out.
v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
208. We _____ the season's total trade deficit at \$50 billion.
v. to guess or calculate the cost, size, value, etc. of something
209. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected
210. There is considerable _____ in all the test scores.
n. the fact or quality of something being likely to vary
211. He suffers from _____ breakdowns.
adj. worried and anxious about something; relating to the nerves
212. We _____ the payment because of an incorrect invoice.
v. to cause something to happen at a later time than originally intended or expected
213. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
214. The rabbit _____ over the fence.
v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.

ANSWERS: 206. naught, 207. stick, 208. estimated, 209. fundamental, 210. variability, 211. nervous, 212. delayed, 213. experiments, 214. hopped

215. The _____ in the book helped me understand the concept better.
- n.* a picture or diagram in a book, magazine, or newspaper that is used to explain or decorate the text; the act or process of explaining something
216. One of the main _____ of the new product is its increased efficiency.
- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
217. Another critical factor of child poverty is the father's _____.
- n.* the fact or condition of being away from a place where they are typically anticipated to be
218. The _____ of the plant depends on the pollinators.
- n.* the process by which organisms create offspring; the production of something similar to an original work
219. His _____ attitudes towards immigrants were offensive and ignorant.
- n.* a person who is aggressively or excessively patriotic and who believes in the superiority of their gender, race, or nationality, often to the detriment or oppression of others
220. The instructions provided were _____ and confused the team.
- adj.* open to more than one interpretation; not clear or decided
221. In a _____ system, the outcome is uncertain and can vary based on chance.
- adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
222. 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

ANSWERS: 215. illustration, 216. advantages, 217. absence, 218. reproduction, 219. chauvinistic, 220. ambiguous, 221. probabilistic, 222. digital

223. The room was only one _____ wider than the piano, making it a tight fit.
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
224. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
adj. answerable or accountable for something within one's power, control, or management
225. These economic activities had disastrous environmental _____.
n. the outcome of a particular action or event, especially relative to an individual
226. The ____ of the avocado can be removed by gently wedging a spoon around it.
n. a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
227. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal

ANSWERS: 223. centimeter, 224. responsible, 225. consequences, 226. pit, 227. negative