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All Words

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Session 1: Word List

empire

n. a group of countries ruled by one leader or government

synonym : imperium, conglomerate, kingdom

(1) **empire** building, (2) **empire** of the Maya

He has built a thriving e-commerce **empire**.

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.

handwritten

adj. written with a pen or pencil rather than typed

(1) **handwritten** character, (2) **handwritten** signature

The letter was written in **handwritten** script and had a personal touch.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

bureaucracy

n. a system of government in which most of the important decisions are made by state officials rather than by elected representatives

synonym : administration, government, system

(1) government **bureaucracy**, (2) arbitrary **bureaucracy**

The bumbling **bureaucracy** made it difficult to get the permits we needed.

administer

v. to oversee and control the operation or arrangement of something

synonym : allocate, distribute, dispense

(1) **administer** justice, (2) **administer** the funds

After the accident, three governmental bodies **administer** the company.

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.

handwriting

n. the particular way in which a person writes, as distinct from printing or typing

synonym : script, penmanship, calligraphy

(1) **handwriting** identification, (2) **handwriting** sample

The **handwriting** on the note was barely legible.

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.

division

n. the act or outcome of splitting into separate parts; a critical organizational unit or sector

synonym : branch, separator, section

(1) cellular **division**, (2) **division** chief

Which **division** of the company do you work in?

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

subtraction

n. the process or action of removing one number from another; the mathematical operation of finding the difference between two numbers or quantities

synonym: deduction, minus, withdrawal

(1) **subtraction** equation, (2) double-digit **subtraction**

The **subtraction** of expenses from revenue resulted in a net profit for the company.

instantly

adv. immediately

synonym: immediately, right away, directly

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

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

functional

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

synonym: applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

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.

robust

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

challenges or adversity

synonym : healthy, strong, booming

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

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

continuously

adv. without being interrupted or paused; repeatedly

synonym : constantly, frequently, always

(1) use one thing **continuously**, (2) **continuously** removed

The country's domestic coal consumption has been **continuously** declining for decades.

obsolete

adj. no longer in use or helpful because something newer or better has been invented and introduced

synonym : ancient, bygone, outdated

(1) an **obsolete** word, (2) become **obsolete**

New technology has rendered my old smartphone **obsolete**.

fashionable

adj. popular at a particular time

synonym : chic, stylish, trendy

(1) **fashionable** designs, (2) **fashionable** café

Lengthened skirts are **fashionable** this year.

construct

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

synonym : build, assemble, create

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

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

outdated

adj. no longer useful or valid because of being old-fashioned

synonym : obsolete, ancient, bygone

(1) become **outdated**, (2) **outdated** technology

We replaced **outdated** equipment to improve factory productivity.

clerk

n. a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers

synonym: worker, record-keeper, letter-writer

(1) **clerk** job, (2) **clerk** position

The **clerk** at the store helped me find what I needed.

clerical

adj. relating to the clergy (= the official leaders of the religious activities) or the work of a clerk; of or relating to the clergy

synonym: priestly, ecclesiastical, religious

(1) **clerical** power, (2) **clerical** duties

The **clerical** collar indicated that he was a member of the clergy.

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**.

discerning

adj. able to make good judgments about what is true or right

synonym: discriminating, perceptive, insightful

(1) **discerning** reader, (2) have a **discerning** palate

She has a **discerning** eye for art and can spot a fake a mile away.

bump

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

synonym: collide, hit, jolt

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

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

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.

slum

n. a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect

synonym: shantytown, slumdwelling, ghetto

(1) **slum** area, (2) **slum** dwellers

The government needs to invest more in affordable housing options to reduce the number of people living in **slums**.

par

n. a state of being equal to someone or something

synonym: equality, standard, balance

(1) above **par** performance, (2) not up to **par**

Shares in the company finally fell below their **par** value.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system
Intelligent robots that can cooperate with humans have limited motor output for safety.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

extraordinary

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

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym:

border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

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.

browse

v. to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants

synonym: look around, look through, scan

(1) **browse** a website, (2) **browse** through the text

We **browsed** in a souvenir shop.

colleague

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

synonym: coworker, associate, fellow

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

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

stud

n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

synonym: beam, scantling, framing

(1) horse **stud**, (2) wall **stud**

He bought a new **stud** to attach the strap to his watch.

passee

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

synonym: outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

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.

chant

n. a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

synonym: hymn, mantra, (verb) recite

(1) **chant** melodies, (2) **chant** in the chapel

The soccer game crowd broke into a **chant** of "Go, team, go!"

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

develop

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

synonym: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow

and increase efficiency.

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.

irritate

v. to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore

synonym : annoy, vex, bother

(1) **irritate** skin, (2) **irritate** my partner

The sound of his chewing loudly **irritates** me during dinner.

casual

adj. relaxed and informal in manner or dress, not planned or expected; not involving commitment or seriousness

synonym : informal, relaxed, offhand

(1) **casual** dress, (2) take a **casual** glance

They had a **casual** conversation over coffee at the local cafe.

glimpse

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

synonym : glance, peek, sighting

(1) a momentary **glimpse**, (2) passing **glimpse**

Our team caught a **glimpse** of the world-class technique in this game.

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.

secretary

n. a person whose job is to deal with correspondence, keep records, and do administrative work for a company or organization

synonym : assistant, clerk, administrator

(1) a confidential **secretary**, (2) **secretary** general

The chief **secretary** was responsible for organizing the meeting.

pronounce

v. to say or speak (a word or words) correctly or in a particular way

synonym : articulate, enunciate, voice

(1) **pronounce** a judgment, (2) **pronounce** a name

She struggled to **pronounce** the word in a foreign language.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

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

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

text-to-speech

adj. relating to a computer or software system that converts written text into a spoken audio output

synonym : speech-enabled, read aloud, vocalized

(1) **text-to-speech** software, (2) **text-to-speech** conversion

The **text-to-speech** feature on my phone helps me multitask while on the go.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym: motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

suspect

v. to consider anything to be actual or probable

synonym: assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick

The cops **suspected** him of being the killer.

torture

n. the act of causing intense pain or suffering to someone to punish them, extract information from them, or for some other reason

synonym: torment, abuse, mistreatment

(1) a **torture** chamber, (2) an instrument of **torture**

The use of **torture** is strictly prohibited under international law.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

accent

n. a distinctive way of pronouncing the words of a language that shows which area, country, or social group a person comes from; particular importance or significance

synonym: articulation, inflection, pronunciation

(1) a foreign **accent**, (2) put the **accent** on comfort

She has a thick southern **accent**.

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.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence
The building was **destroyed** in the fire and had to be rebuilt.

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.

absurd

adj. ridiculously silly, unreasonable, or illogical

synonym: ridiculous, foolish, idiotic

(1) **absurd** storyline, (2) an **absurd** amount of money

We immediately rejected his **absurd** suggestion.

propose

v. to make a proposal, declare a plan for something

synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

ridiculous

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

synonym : absurd, fatuous, foolish

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

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

biotechnology

n. the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals

synonym : genetic engineering, bioengineering, genetic modification

(1) **biotechnology** research, (2) modern **biotechnology**

Advancements in **biotechnology** have revolutionized medicine and agriculture.

replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

synonym : duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

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**.

download

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym : load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

topic

n. a subject that is being discussed or written about
synonym: subject, theme, issue

(1) a serious **topic**, (2) the **topic** of the book

The **topic** of the discussion was the current state of the economy.

diagram

n. a simplified illustration of the appearance, structure, or workings of something

synonym: chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.

chemistry

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

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

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

pedagogy

n. the method or art of teaching or instructing, especially as an academic subject or profession

synonym: teaching, instruction, education

(1) modern **pedagogy**, (2) student-centered **pedagogy**

The teacher's innovative **pedagogy** helped her students learn in fun and engaging way.

applied

adj. of or relating to a subject of study, especially a science, that is used in a practical way

synonym: practical, practiced, used

(1) **applied** research, (2) **applied** physics

Military technology eventually became the foundation for

applied technology that supported people's lives.

foggy

adj. characterized by or filled with dense clouds of mist or fog; unclear or hazy, as in thought or memory

synonym : misty, hazy, murky

(1) **foggy** morning, (2) **foggy** memory

The **foggy** weather made it difficult to see the road ahead.

troop

n. a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.

synonym : group, unit, band

(1) the members of a military **troop**, (2) a **troop** of deer

The **troop** of soldiers marched through the city in a parade.

stare

v. to gaze or look fixedly and intently at someone or something, often in a questioning, curious, or suspicious manner; (noun) a fixed, intense, and prolonged gaze or look

synonym : gaze, look, gawk

(1) **stare** blankly, (2) give a menacing **stare**

He couldn't help but **stare** at the beautiful sunset over the ocean.

improper

adj. not following established conventions or norms for appropriate behavior, manners, or conduct; inappropriate or unsuitable for a particular situation or context

synonym : inappropriate, unsuitable, incorrect

(1) **improper** behavior, (2) **improper** road use

The patient suffered complications due to **improper** dosage of medication

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

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.

educational

adj. relating to education or providing knowledge or instruction

synonym : instructional, informative, enlightening

(1) **educational** system, (2) elevate **educational** standards

The museum offers a variety of **educational** programs for children and adults.

impossibility

n. the state or condition of being impossible; something that is not possible or cannot be done

synonym : impracticality, infeasibility, impossibleness

(1) **impossibility** theorem, (2) **impossibility** of performance

According to the laws of physics, an event happening before its cause is a logical **impossibility**.

tropical

adj. originating in, located in, or characteristic of the tropics

synonym : equatorial, tropic

(1) **tropical** cyclones, (2) **tropical** islands

Tropical storm Marco is making his way along the coast of Florida.

norm

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

synonym : criterion, mean, standard

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

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

accountant

n. a person whose job is to keep financial records and accounts for a person or organization

synonym : bookkeeper, financial analyst, auditor

(1) audit by **accountant**, (2) **accountant** report

The associate **accountant** carefully reviewed the company's financial records.

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.

granny

n. a grandmother; an older adult, especially one who is seen as conservative or cautious, often used as a term of affection or familiarity

synonym: older woman, grandmother, grandma

(1) **granny** leave, (2) **granny** annex

Seeing **granny's** smiling face whenever I visit her is always a treat.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym: chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

neuron

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

synonym: nerve cell

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

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

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.

amateur

adj. engaging in an activity or pursuing a particular interest without professional knowledge, training, or experience; non-professional

synonym: novice, inexperienced, non-professional

(1) an **amateur** magician, (2) an **amateur** musician

The **amateur** photographer captured some stunning shots during the sunset.

reluctantly

adv. in a way that you are unwilling to do something; with hesitation

synonym: unwillingly, hesitantly, grudgingly

(1) **reluctantly** approve the idea, (2) **reluctantly** leave

He **reluctantly** agreed to go to the party.

devastating

adj. causing a great deal of destruction or damage

synonym: destructive, annihilative, disastrous

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

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

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

heading

n. a title, caption, or heading that introduces or summarizes the content of a written or printed document; the direction or course in which something is moving or heading

synonym: title, caption, label

(1) chapter **heading**, (2) **heading** font

She carefully reviewed the **heading** of each section before

diving into the research paper.

homosexual

adj. sexually attracted to people of one's own sex

synonym : gay, same-sex attracted

(1) **homosexual** rights, (2) **homosexual** marriage

The law was repealed to protect the rights of **homosexual** citizens.

sapiens

n. the species of modern humans, Homo sapiens

synonym : human, Homo sapiens, humankind

(1) fossil Homo **sapiens**, (2) **sapiens** evolution

Homo **sapiens** is the scientific name for modern humans.

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.

ape

n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

synonym : monkey, primate, simian

(1) jungle **ape**, (2) play the **ape**

The scientist studied the behavior of **apes** in the wild.

achievement

n. a thing that someone has accomplished, primarily through their effort and ability

synonym : accomplishment, attainment, triumph

(1) student **achievement**, (2) a remarkable **achievement**

This **achievement** has never been formally accepted.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym : mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

encourage

v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym : facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

salute

v. to show respect or recognition for someone or something, often by making a gesture or performing an action; to greet or acknowledge someone in a formal or ceremonious way

synonym : greet, acknowledge, acclaim

(1) **salute** to the flag, (2) **salute** him in military fashion

The soldiers stood at attention to **salute** their commanding officer.

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**.

reptilian

adj. resembling or characteristic of reptiles, a diverse group of cold-blooded animals that are characterized by their scaly skin, internal fertilization, and typically laying eggs on land; cold-blooded; crafty or treacherous

synonym : serpentine, reptile-like, lizard-like

(1) **reptilian** behavior, (2) **reptilian** brain

The ancient Egyptians revered several **reptilian** deities, including the serpent goddess Wadjet.

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**.

threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

prefrontal

adj. in or about the foremost part of the frontal lobe of the brain

(1) **prefrontal** bone, (2) **prefrontal** region

Research shows that damage to the **prefrontal** cortex leads to increased aggression.

cortex

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

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

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

punishment

n. a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing

synonym: penalty, discipline, retribution

(1) **punishment** for a crime, (2) humiliating **punishment**

The judge gave severe **punishment** to the criminal who committed the heinous crime.

threat

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

synonym : menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

survive

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

synonym : endure, persist, stay

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

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

standing

adj. existing or remaining upright; having a vertical position;
(*noun*) social, financial, or professional status or reputation

synonym : upright, vertical, (*noun*) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

trench

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

synonym : aqueduct, ditch, channel

(1) deep-sea **trench**, (2) **trench** excavator

A **trench** was being dug alongside the road by workers.

creative

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

synonym : imaginative, innovative, inventive

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

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

shift

n. a slight transition in position, direction, or trend

synonym : transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**
Could you help me **shift** some furniture?

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

broadband

n. a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer

(1) mobile **broadband**, (2) fiber-optic **broadband**

I need to upgrade my Internet plan to get faster **broadband** speeds.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

beam

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

synonym: ray, ray of light, shaft of light

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

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

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.

gingerbread

n. a type of cake or cookie that is made with ginger, molasses, and other spices and is often decorated with icing or candy; architectural details or moldings that are reminiscent of gingerbread decorations

synonym : cookie, cake, pastry

(1) **gingerbread** house, (2) **gingerbread** latte
The children had fun making **gingerbread** cookies for the holidays.

organization

n. a group of people who work together for a shared purpose

synonym : association, institution, community

(1) **organization** chart, (2) agricultural **organization**
She is the president of a large international **organization**.

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty
During colonial eras, new migratory patterns **emerged**.

awe

n. a feeling of respect and wonder inspired by someone or something greatly admired

synonym : wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation
The **awe-inspiring** mountains dominate the landscape.

intention

n. something you want to do and are going to do

synonym : purpose, connotation, will

(1) **intention** behind his decision, (2) clear **intention**
Our CEO's **intentions** are always transparent and straightforward.

environment

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

synonym: atmosphere, surroundings, climate

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

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

collaboration

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

synonym: affiliation, alliance, coalition

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

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

sole

adj. only one of its kind; being the only existing or available one; (noun) the undersurface of a person's foot

synonym: only, lone, solitary

(1) **sole** arbitrator, (2) the **sole** of his shoe

The **sole** purpose of this meeting is to discuss the new budget for the project.

maintain

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

synonym: preserve, uphold, sustain

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

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

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

proton

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

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.

electrical

adj. relating to electricity

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

Actuators convert **electrical** pulses into motion.

ion

n. an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentration of **ion** of hydrogen ions in an aqueous solution makes it more acidic.

minus

adj. subtracting or taking away; having a value less than zero

synonym: without, lacking, negative

(1) **minus** sign, (2) **minus** temperature

The recipe calls for four cups of flour **minus** one tablespoon.

curriculum

n. a series of subjects comprising a course of study in a school, college, etc.

synonym: program, syllabus, course of study

(1) a **curriculum** vitae, (2) an academic **curriculum**

A committee was appointed to manage the reorganization of the **curriculum**.

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.

twinkle

v. to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way

synonym: sparkle, shine, glitter

(1) **twinkle** like a star, (2) the **twinkle** of the stars

His eyes **twinkled** with mischief.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

wondrous

adj. inspiring amazement or admiration; extremely beautiful and impressive

synonym: amazing, fantastic, miraculous

(1) **wondrous** sight, (2) **wondrous** adventure

The **wondrous** beauty of the sunset left us all in awe.

tangent

n. a line or curve that intersects a circle or curved line at just one point without crossing through it; a completely different or unrelated topic or subject that diverts from the main discussion

synonym: digression, deviation

(1) **tangent** line, (2) intellectual **tangents**

The periodic nature of the **tangent** curve makes it essential for understanding waveforms in electrical engineering.

meteorite

n. a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space

synonym: meteor, shooting star, asteroid

(1) **meteorite** impact, (2) **meteorite** shower

The **meteorite** fragments were collected and sent to a

laboratory for analysis.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

admire

v. to have regard for or respect for someone's qualities or the actions they have performed

synonym: esteem, respect, marvel

(1) **admire** the subtlety of the distinctions, (2) **admire** kids with attitude

We all **admire** him because he is a nobleman.

spare

adj. additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

synonym: extra, excess, (verb) afford

(1) **spare** parts, (2) **spare** cost

I made plans to spend my **spare** time beneficially.

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.

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.

adventure

n. a journey or a series of events that is unusual, exciting, or dangerous

synonym: experience, happening, incident

(1) gastronomic **adventures**, (2) **adventure** film

He sailed the Atlantic Ocean multiple times during his **adventures**.

mediator

n. a person who acts as an impartial third party to resolve a dispute or disagreement between two or more parties

synonym: conciliator, arbitrator, interceder

(1) legal **mediator**, (2) **mediator** between two sides

The **mediator's** primary task was to help the two countries resolve their differences and peacefully resolve the conflict.

facility

n. a building or place that provides a particular service or is used for a particular industry

synonym: building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

practically

adv. almost or nearly

synonym: almost, nearly, virtually

(1) **practically** constant, (2) **practically** impossible to find a parking spot

The store is **practically** empty.

unmanned

adj. not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft

synonym: uncrewed, automated, robotized

(1) an **unmanned** stop, (2) **unmanned** drone

The **unmanned** spacecraft landed on the asteroid.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

flock

n. a gathering of sheep, goats, or birds

synonym: herd, crowd, assembly

(1) **flock** of sheep, (2) **flock** of spectator

When a **flock** of birds flies in, the hunt begins.

Session 2: Spelling

- | | |
|-------------------------------------|---|
| 1. fiber-optic br_____nd | <i>n.</i> a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer |
| 2. gin_____ad house | <i>n.</i> a type of cake or cookie that is made with ginger, molasses, and other spices and is often decorated with icing or candy; architectural details or moldings that are reminiscent of gingerbread decorations |
| 3. mi__s sign | <i>adj.</i> subtracting or taking away; having a value less than zero |
| 4. a ro___t appetite | <i>adj.</i> sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity |
| 5. rechargeable lithium-i_n battery | <i>n.</i> an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons |
| 6. humiliating pun_____nt | <i>n.</i> a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing |
| 7. the to__c of the book | <i>n.</i> a subject that is being discussed or written about |

ANSWERS: 1. broadband, 2. gingerbread, 3. minus, 4. robust, 5. ion, 6. punishment, 7. topic

8. fas_____le café *adj.* popular at a particular time
9. re_____an behavior *adj.* resembling or characteristic of reptiles, a diverse group of cold-blooded animals that are characterized by their scaly skin, internal fertilization, and typically laying eggs on land; cold-blooded; crafty or treacherous
10. br___e through the text *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
11. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
12. cl_____al duties *adj.* relating to the clergy (= the official leaders of the religious activities) or the work of a clerk; of or relating to the clergy
13. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
14. tr_____al islands *adj.* originating in, located in, or characteristic of the tropics
15. ad_____re film *n.* a journey or a series of events that is unusual, exciting, or dangerous
16. de_____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely

ANSWERS: 8. fashionable, 9. reptilian, 10. browse, 11. continent, 12. clerical, 13. bump, 14. tropical, 15. adventure, 16. destroy

17. con_____sly removed *adv.* without being interrupted or paused; repeatedly
18. major paradigm sh__t *n.* a slight transition in position, direction, or trend
19. cause an ac_____nt *n.* an unfortunate event, especially one causing damage or injury
20. org_____ion chart *n.* a group of people who work together for a shared purpose
21. sa___e to the flag *v.* to show respect or recognition for someone or something, often by making a gesture or performing an action; to greet or acknowledge someone in a formal or ceremonious way
22. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
23. pre_____al bone *adj.* in or about the foremost part of the frontal lobe of the brain
24. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
25. 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
26. enrich my in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level

ANSWERS: 17. continuously, 18. shift, 19. accident, 20. organization, 21. salute, 22. neuron, 23. prefrontal, 24. addition, 25. stick, 26. intellect

27. pr_____ce a judgment *v.* to say or speak (a word or words) correctly or in a particular way
28. pr___n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
29. acc_____nt report *n.* a person whose job is to keep financial records and accounts for a person or organization
30. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
31. em___e of the Maya *n.* a group of countries ruled by one leader or government
32. an un_____ed stop *adj.* not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft
33. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
34. die su_____ly *adv.* quickly and unexpectedly
35. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
36. tr_____al cyclones *adj.* originating in, located in, or characteristic of the tropics
37. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury

ANSWERS: 27. pronounce, 28. proton, 29. accountant, 30. beam, 31. empire, 32. unmanned, 33. bump, 34. suddenly, 35. molecule, 36. tropical, 37. accident

38. deep-sea tr___h *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
39. s__m area *n.* a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect
40. government bur_____cy *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
41. sa___e him in military fashion *v.* to show respect or recognition for someone or something, often by making a gesture or performing an action; to greet or acknowledge someone in a formal or ceremonious way
42. tex_____ech software *adj.* relating to a computer or software system that converts written text into a spoken audio output
43. clear in_____on *n.* something you want to do and are going to do
44. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
45. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
46. the tw_____e of the stars *v.* to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way

ANSWERS: 38. trench, 39. slum, 40. bureaucracy, 41. salute, 42. text-to-speech, 43. intention, 44. survive, 45. lab, 46. twinkle

47. passing gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
48. se_____ry general *n.* a person whose job is to deal with correspondence, keep records, and do administrative work for a company or organization
49. ge_____e of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
50. imp_____ity of performance *n.* the state or condition of being impossible; something that is not possible or cannot be done
51. elevate edu_____al standards *adj.* relating to education or providing knowledge or instruction
52. tw_____e like a star *v.* to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way
53. be killed in_____ly *adv.* immediately
54. a serious to__c *n.* a subject that is being discussed or written about
55. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
56. 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

ANSWERS: 47. glimpse, 48. secretary, 49. gesture, 50. impossibility, 51. educational, 52. twinkle, 53. instantly, 54. topic, 55. disease, 56. stick

57. th____en national security *v.* to utter intentions of injury or punishment against someone
58. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
59. ch__t melodies *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
60. gr____y annex *n.* a grandmother; an older adult, especially one who is seen as conservative or cautious, often used as a term of affection or familiarity
61. su____t that he is sick *v.* to consider anything to be actual or probable
62. re____an brain *adj.* resembling or characteristic of reptiles, a diverse group of cold-blooded animals that are characterized by their scaly skin, internal fertilization, and typically laying eggs on land; cold-blooded; crafty or treacherous
63. bankrupt cr____or *n.* a person, company, etc. to whom a debtor owes money
64. 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
65. a ne____ve number *adj.* having the quality of something bad or harmful; expressing refusal

ANSWERS: 57. threaten, 58. addition, 59. chant, 60. granny, 61. suspect, 62. reptilian, 63. creditor, 64. argument, 65. negative

66. treat this dev_____ng disease *adj.* causing a great deal of destruction or damage
67. take a ca___l glance *adj.* relaxed and informal in manner or dress, not planned or expected; not involving commitment or seriousness
68. a foreign ac___t *n.* a distinctive way of pronouncing the words of a language that shows which area, country, or social group a person comes from; particular importance or significance
69. em___e building *n.* a group of countries ruled by one leader or government
70. chapter he_____g *n.* a title, caption, or heading that introduces or summarizes the content of a written or printed document; the direction or course in which something is moving or heading
71. arbitrary bur_____cy *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
72. a to_____e chamber *n.* the act of causing intense pain or suffering to someone to punish them, extract information from them, or for some other reason
73. a picture fr___e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
74. wo_____us sight *adj.* inspiring amazement or admiration; extremely beautiful and impressive

ANSWERS: 66. devastating, 67. casual, 68. accent, 69. empire, 70. heading, 71. bureaucracy, 72. torture, 73. frame, 74. wondrous

75. in a di____m *n.* a simplified illustration of the appearance, structure, or workings of something
76. ap____d physics *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
77. en_____ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
78. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
79. ab____d storyline *adj.* ridiculously silly, unreasonable, or illogical
80. i_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
81. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
82. dis_____ng reader *adj.* able to make good judgments about what is true or right
83. the s__e of his shoe *adj.* only one of its kind; being the only existing or available one; (noun) the undersurface of a person's foot
84. an ele_____al storm *adj.* relating to electricity

ANSWERS: 75. diagram, 76. applied, 77. encourage, 78. numb, 79. absurd, 80. ion, 81. software, 82. discerning, 83. sole, 84. electrical

85. fo__y memory *adj.* characterized by or filled with dense clouds of mist or fog; unclear or hazy, as in thought or memory
86. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
87. fas_____le designs *adj.* popular at a particular time
88. de_____yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
89. a tr__p of deer *n.* a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.
90. br___e a website *v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
91. give a menacing st__e *v.* to gaze or look fixedly and intently at someone or something, often in a questioning, curious, or suspicious manner; (noun) a fixed, intense, and prolonged gaze or look
92. su_____t a plot *v.* to consider anything to be actual or probable
93. gastronomic ad_____res *n.* a journey or a series of events that is unusual, exciting, or dangerous
94. sp__e parts *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

ANSWERS: 85. foggy, 86. maintain, 87. fashionable, 88. destroy, 89. troop, 90. browse, 91. stare, 92. suspect, 93. adventure, 94. spare

95. dis_____sh these two things *v.* to notice or understand the difference between two people or things
96. 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
97. pr_____e changes *v.* to make a proposal, declare a plan for something
98. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
99. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
100. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
101. test my hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
102. ta_____t line *n.* a line or curve that intersects a circle or curved line at just one point without crossing through it; a completely different or unrelated topic or subject that diverts from the main discussion
103. 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: 95. distinguish, 96. disease, 97. propose, 98. ape, 99. graph, 100. engineer, 101. hypothesis, 102. tangent, 103. communicate

104. su____ly attacked by an enemy *adv.* quickly and unexpectedly
105. the ba____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
106. rel____ly leave *adv.* in a way that you are unwilling to do something; with hesitation
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. mobile br____nd *n.* a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer
109. me____ed tone of voice *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
110. a theoretical concept in
neu____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
111. student-centered pe____gy *n.* the method or art of teaching or instructing, especially as an academic subject or profession
112. in____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

ANSWERS: 104. suddenly, 105. balance, 106. reluctantly, 107. multiply, 108. broadband, 109. measured, 110. neuroscience, 111. pedagogy, 112. integrate

113. a confidential se_____ry *n.* a person whose job is to deal with correspondence, keep records, and do administrative work for a company or organization
114. inc_____le amount *adj.* unbelievable; enormous
115. degree in ele_____al engineering *adj.* relating to electricity
116. st__e blankly *v.* to gaze or look fixedly and intently at someone or something, often in a questioning, curious, or suspicious manner; (noun) a fixed, intense, and prolonged gaze or look
117. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
118. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree
119. hom_____al rights *adj.* sexually attracted to people of one's own sex
120. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
121. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
122. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 113. secretary, 114. incredible, 115. electrical, 116. stare, 117. construct, 118. intelligent, 119. homosexual, 120. threat, 121. functional, 122. environment

123. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
124. em___e from poverty *v.* to move out of or away from something and become visible
125. im_____er behavior *adj.* not following established conventions or norms for appropriate behavior, manners, or conduct; inappropriate or unsuitable for a particular situation or context
126. the inland of a co_____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
127. have dev_____ng effects *adj.* causing a great deal of destruction or damage
128. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
129. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
130. student ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
131. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
132. in_____on behind his decision *n.* something you want to do and are going to do

ANSWERS: 123. functional, 124. emerge, 125. improper, 126. continent, 127. devastating, 128. engine, 129. colleague, 130. achievement, 131. neuroscience, 132. intention

133. han_____ng sample *n.* the particular way in which a person writes, as distinct from printing or typing
134. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
135. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
136. a cur_____um vitae *n.* a series of subjects comprising a course of study in a school, college, etc.
137. an id_____al equation *adj.* being the exact same one
138. dull si__t *n.* the ability to see; anything that is seen
139. pair of id_____al twins *adj.* being the exact same one
140. em___e as a butterfly *v.* to move out of or away from something and become visible
141. me_____te impact *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
142. 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
143. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
144. adm_____er the funds *v.* to oversee and control the operation or arrangement of something

ANSWERS: 133. handwriting, 134. maintain, 135. chemistry, 136. curriculum, 137. identical, 138. sight, 139. identical, 140. emerge, 141. meteorite, 142. planet, 143. lab, 144. administer

145. han_____en character *adj.* written with a pen or pencil rather than typed
146. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
147. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
148. hom_____al marriage *adj.* sexually attracted to people of one's own sex
149. the qu__t for truth *n.* a long or challenging search for something
150. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
151. 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
152. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
153. 3D di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
154. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 145. handwritten, 146. universe, 147. threat, 148. homosexual, 149. quest, 150. communal, 151. multiply, 152. communicate, 153. diagram, 154. universe

155. an ab___d amount of money *adj.* ridiculously silly, unreasonable, or illogical
156. pre_____al region *adj.* in or about the foremost part of the frontal lobe of the brain
157. a bold hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
158. pa__e trend *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
159. jungle a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
160. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
161. me_____or between two sides *n.* a person who acts as an impartial third party to resolve a dispute or disagreement between two or more parties
162. im_____e a process *v.* to make or become better
163. cl_____al power *adj.* relating to the clergy (= the official leaders of the religious activities) or the work of a clerk; of or relating to the clergy
164. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

ANSWERS: 155. absurd, 156. prefrontal, 157. hypothesis, 158. passe, 159. ape, 160. balance, 161. mediator, 162. improve, 163. clerical, 164. engine

165. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
166. 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
167. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
168. visual co____x neuron *n.* the outermost layer of an organ, especially the brain
169. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
170. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
171. co____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
172. cellular di____on *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector

ANSWERS: 165. develop, 166. process, 167. magic, 168. cortex, 169. communal, 170. creditor, 171. construct, 172. division

173. chaotic env_____nt
n. the natural world such as air, water, and land in which humans, animals, and plants live
174. audit by acc_____nt
n. a person whose job is to keep financial records and accounts for a person or organization
175. a feeling of a_e
n. a feeling of respect and wonder inspired by someone or something greatly admired
176. pun_____nt for a crime
n. a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing
177. become ou_____ed
adj. no longer useful or valid because of being old-fashioned
178. s__e arbitrator
adj. only one of its kind; being the only existing or available one; (noun) the undersurface of a person's foot
179. pr_____ce a name
v. to say or speak (a word or words) correctly or in a particular way
180. series of exp_____nts
n. the scientific test conducted to observe what happens and gain new knowledge
181. fo__y morning
adj. characterized by or filled with dense clouds of mist or fog; unclear or hazy, as in thought or memory
182. pr___n decay
n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

ANSWERS: 173. environment, 174. accountant, 175. awe, 176. punishment, 177. outdated, 178. sole, 179. pronounce, 180. experiment, 181. foggy, 182. proton

183. sp__e cost *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
184. horse s__d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
185. tex_____ech conversion *adj.* relating to a computer or software system that converts written text into a spoken audio output
186. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
187. legal me____or *n.* a person who acts as an impartial third party to resolve a dispute or disagreement between two or more parties
188. ap____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
189. imp_____ity theorem *n.* the state or condition of being impossible; something that is not possible or cannot be done
190. have a dis_____ng palate *adj.* able to make good judgments about what is true or right

ANSWERS: 183. spare, 184. stud, 185. text-to-speech, 186. graph, 187. mediator, 188. applied, 189. impossibility, 190. discerning

191. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
192. ro___t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
193. ir_____te skin *v.* to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore
194. abs_____ly against *adv.* without restriction or limitation; completely or utterly
195. flow of el_____ons *n.* a tiny particle with the negative electrical charge
196. im_____e the test score *v.* to make or become better
197. 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
198. intellectual ta_____ts *n.* a line or curve that intersects a circle or curved line at just one point without crossing through it; a completely different or unrelated topic or subject that diverts from the main discussion
199. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 191. experiment, 192. robust, 193. irritate, 194. absolutely, 195. electron, 196. improve, 197. process, 198. tangent, 199. chemistry

200. gr___y leave *n.* a grandmother; an older adult, especially one who is seen as conservative or cautious, often used as a term of affection or familiarity
201. 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
202. col_____ion between companies *n.* the act or situation of working together to create or produce something
203. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
204. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
205. me_____ed analysis *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
206. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
207. an ob_____te word *adj.* no longer in use or helpful because something newer or better has been invented and introduced
208. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
209. a momentary gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly

ANSWERS: 200. granny, 201. decide, 202. collaboration, 203. integrate, 204. negative, 205. measured, 206. amazing, 207. obsolete, 208. colleague, 209. glimpse

210. un_____ed drone *adj.* not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft
211. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
212. im_____er road use *adj.* not following established conventions or norms for appropriate behavior, manners, or conduct; inappropriate or unsuitable for a particular situation or context
213. re_____te data *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
214. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
215. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
216. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
217. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
218. edu_____al system *adj.* relating to education or providing knowledge or instruction
219. an am_____r magician *adj.* engaging in an activity or pursuing a particular interest without professional knowledge, training, or experience; non-professional

ANSWERS: 210. unmanned, 211. magic, 212. improper, 213. replicate, 214. standing, 215. beam, 216. survive, 217. amazing, 218. educational, 219. amateur

220. geographical bo____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
221. he____g font *n.* a title, caption, or heading that introduces or summarizes the content of a written or printed document; the direction or course in which something is moving or heading
222. sa____s evolution *n.* the species of modern humans, Homo sapiens
223. modern bio____ogy *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
224. 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
225. fossil Homo sa____s *n.* the species of modern humans, Homo sapiens
226. a cell phone with an internet fa____ty *n.* a building or place that provides a particular service or is used for a particular industry
227. cr____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
228. ext____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

ANSWERS: 220. boundary, 221. heading, 222. sapiens, 223. biotechnology, 224. argument, 225. sapiens, 226. facility, 227. creative, 228. extraordinary

229. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
230. cl__k position *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
231. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
232. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
233. ad___e the subtlety of the distinctions *v.* to have regard for or respect for someone's qualities or the actions they have performed
234. Doppler sh__t *n.* a slight transition in position, direction, or trend
235. adm_____er justice *v.* to oversee and control the operation or arrangement of something
236. en_____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
237. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 229. intelligent, 230. clerk, 231. standing, 232. frame, 233. admire, 234. shift, 235. administer, 236. encourage, 237. boundary

238. an academic cur_____um *n.* a series of subjects comprising a course of study in a school, college, etc.
239. human in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
240. dis_____sh man from the other animals *v.* to notice or understand the difference between two people or things
241. in a_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
242. gin_____ad latte *n.* a type of cake or cookie that is made with ginger, molasses, and other spices and is often decorated with icing or candy; architectural details or moldings that are reminiscent of gingerbread decorations
243. me_____te shower *n.* a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space
244. fa_____ty design *n.* a building or place that provides a particular service or is used for a particular industry
245. at inc_____le speed *adj.* unbelievable; enormous
246. not up to p_r *n.* a state of being equal to someone or something
247. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 238. curriculum, 239. intellect, 240. distinguish, 241. awe, 242. gingerbread, 243. meteorite, 244. facility, 245. incredible, 246. par, 247. engineer

248. an instrument of to_____e *n.* the act of causing intense pain or suffering to someone to punish them, extract information from them, or for some other reason
249. ir_____te my partner *v.* to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore
250. 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.
251. pa__e entertainment *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
252. use one thing con_____sly *adv.* without being interrupted or paused; repeatedly
253. double-digit sub_____on *n.* the process or action of removing one number from another; the mathematical operation of finding the difference between two numbers or quantities
254. mi__s temperature *adj.* subtracting or taking away; having a value less than zero
255. han_____ng identification *n.* the particular way in which a person writes, as distinct from printing or typing
256. 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
257. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly

ANSWERS: 248. torture, 249. irritate, 250. tap, 251. passe, 252. continuously, 253. subtraction, 254. minus, 255. handwriting, 256. planet, 257. absolutely

258. do_____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
259. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
260. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
261. wall s__d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
262. 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.
263. re_____te the cell *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
264. do_____ad the assignment from the website *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

ANSWERS: 258. download, 259. creative, 260. ridiculous, 261. stud, 262. tap, 263. replicate, 264. download

265. bio_____ogy research *n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
266. rel_____ly approve the idea *adv.* in a way that you are unwilling to do something; with hesitation
267. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
268. han_____en signature *adj.* written with a pen or pencil rather than typed
269. ou_____ed technology *adj.* no longer useful or valid because of being old-fashioned
270. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
271. ch__t in the chapel *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
272. ca___l dress *adj.* relaxed and informal in manner or dress, not planned or expected; not involving commitment or seriousness
273. in_____ly cope with *adv.* immediately
274. co___x cells *n.* the outermost layer of an organ, especially the brain
275. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at

ANSWERS: 265. biotechnology, 266. reluctantly, 267. brain, 268. handwritten, 269. outdated, 270. molecule, 271. chant, 272. casual, 273. instantly, 274. cortex, 275. ridiculous

276. a remarkable ach_____nt *n.* a thing that someone has accomplished, primarily through their effort and ability
277. di_____on chief *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
278. modern pe_____gy *n.* the method or art of teaching or instructing, especially as an academic subject or profession
279. an am_____r musician *adj.* engaging in an activity or pursuing a particular interest without professional knowledge, training, or experience; non-professional
280. pr_____e the amendment *v.* to make a proposal, declare a plan for something
281. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
282. n__m of action *n.* something that is regarded as usual, typical, or standard
283. beam of el_____ons *n.* a tiny particle with the negative electrical charge
284. fl__k of spectator *n.* a gathering of sheep, goats, or birds
285. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
286. excite the ne_____ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 276. achievement, 277. division, 278. pedagogy, 279. amateur, 280. propose, 281. software, 282. norm, 283. electron, 284. flock, 285. extraordinary, 286. neuron

287. tr___h excavator *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
288. the members of a military tr__p *n.* a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.
289. cl__k job *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
290. agricultural org_____ion *n.* a group of people who work together for a shared purpose
291. on a qu__t for happiness *n.* a long or challenging search for something
292. put the ac___t on comfort *n.* a distinctive way of pronouncing the words of a language that shows which area, country, or social group a person comes from; particular importance or significance
293. th_____en a healthy relationship *v.* to utter intentions of injury or punishment against someone
294. an unexpected si__t *n.* the ability to see; anything that is seen
295. s__m dwellers *n.* a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect

ANSWERS: 287. trench, 288. troop, 289. clerk, 290. organization, 291. quest, 292. accent, 293. threaten, 294. sight, 295. slum

296. col_____ion platform *n.* the act or situation of working together to create or produce something
297. above p_r performance *n.* a state of being equal to someone or something
298. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
299. ad___e kids with attitude *v.* to have regard for or respect for someone's qualities or the actions they have performed
300. fl__k of sheep *n.* a gathering of sheep, goats, or birds
301. wo_____us adventure *adj.* inspiring amazement or admiration; extremely beautiful and impressive
302. become ob_____te *adj.* no longer in use or helpful because something newer or better has been invented and introduced
303. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
304. sub_____on equation *n.* the process or action of removing one number from another; the mathematical operation of finding the difference between two numbers or quantities
305. pra_____ly constant *adv.* almost or nearly
306. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
307. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 296. collaboration, 297. par, 298. brain, 299. admire, 300. flock, 301. wondrous, 302. obsolete, 303. gesture, 304. subtraction, 305. practically, 306. numb, 307. develop

Session 3: Fill in the Blanks

1. The scientist studied the behavior of _____ in the wild.
n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

2. He bought a new _____ to attach the strap to his watch.
n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

3. Homo _____ is the scientific name for modern humans.
n. the species of modern humans, Homo sapiens

4. Research shows that damage to the _____ cortex leads to increased aggression.
adj. in or about the foremost part of the frontal lobe of the brain

5. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something

6. We all _____ him because he is a nobleman.
v. to have regard for or respect for someone's qualities or the actions they have performed

7. I remembered that person _____ and never forgot.
adv. immediately

ANSWERS: 1. apes, 2. stud, 3. sapiens, 4. prefrontal, 5. propose, 6. admire, 7. instantly

8. The store is _____ empty.

adv. almost or nearly

9. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

10. The _____ purpose of this meeting is to discuss the new budget for the project.

adj. only one of its kind; being the only existing or available one; (noun) the undersurface of a person's foot

11. She carefully reviewed the _____ of each section before diving into the research paper.

n. a title, caption, or heading that introduces or summarizes the content of a written or printed document; the direction or course in which something is moving or heading

12. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

13. The periodic nature of the _____ curve makes it essential for understanding waveforms in electrical engineering.

n. a line or curve that intersects a circle or curved line at just one point without crossing through it; a completely different or unrelated topic or subject that diverts from the main discussion

14. The _____ fragments were collected and sent to a laboratory for analysis.

n. a solid object originating in outer space that reaches the Earth's surface without completely vaporizing in the atmosphere; a rock that has fallen from space

ANSWERS: 8. practically, 9. molecule, 10. sole, 11. heading, 12. quest, 13. tangent, 14. meteorite

15. When a _____ of birds flies in, the hunt begins.

n. a gathering of sheep, goats, or birds

16. The _____ concert was packed with fans.

adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

17. He _____ hypotheses that no mathematician has ever imagined before.

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

18. 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.

19. Try to keep a _____ between work and off.

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

20. The systems we have developed has accepted as industry _____.

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

21. My left arm became _____.

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

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

v. to make or become better

ANSWERS: 15. flock, 16. standing, 17. constructs, 18. tap, 19. balance, 20. norms, 21. numb, 22. improve

23. The ancient Egyptians revered several _____ deities, including the serpent goddess Wadjet.
adj. resembling or characteristic of reptiles, a diverse group of cold-blooded animals that are characterized by their scaly skin, internal fertilization, and typically laying eggs on land; cold-blooded; crafty or treacherous
24. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
25. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
26. 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
27. We immediately rejected his _____ suggestion.
adj. ridiculously silly, unreasonable, or illogical
28. 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
29. The children had fun making _____ cookies for the holidays.
n. a type of cake or cookie that is made with ginger, molasses, and other spices and is often decorated with icing or candy; architectural details or moldings that are reminiscent of gingerbread decorations
30. This study _____ four different ways to run a business.
v. to notice or understand the difference between two people or things

ANSWERS: 23. reptilian, 24. sights, 25. cortex, 26. brain, 27. absurd, 28. argument, 29. gingerbread, 30. distinguished

31. Various artificially induced causes are _____ our ecosystem.
v. to utter intentions of injury or punishment against someone
32. Military technology eventually became the foundation for _____ technology that supported people's lives.
adj. of or relating to a subject of study, especially a science, that is used in a practical way
33. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
34. We must _____ a new system to streamline our workflow and increase efficiency.
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
35. Her response revealed _____ idiocy.
adj. unbelievable; enormous
36. After the accident, three governmental bodies _____ the company.
v. to oversee and control the operation or arrangement of something
37. The cops _____ him of being the killer.
v. to consider anything to be actual or probable
38. This bar _____ shows sales over the past five years.
n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 31. threatening, 32. applied, 33. amazing, 34. develop, 35. incredible, 36. administer, 37. suspected, 38. graph

39. This _____ has never been formally accepted.
- n.* a thing that someone has accomplished, primarily through their effort and ability
40. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
41. The bumbling _____ made it difficult to get the permits we needed.
- n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
42. I need to _____ the latest update for my computer's operating system.
- v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
43. The _____ primary task was to help the two countries resolve their differences and peacefully resolve the conflict.
- n.* a person who acts as an impartial third party to resolve a dispute or disagreement between two or more parties
44. We _____ in a souvenir shop.
- v.* to shop around in a leisurely and casual way; to look through a book, magazine, Internet, etc., casually and randomly, without seeking anything in particular; (of an animal) to feed on plants
45. The _____ of expenses from revenue resulted in a net profit for the company.
- n.* the process or action of removing one number from another; the mathematical operation of finding the difference between two numbers or quantities

ANSWERS: 39. achievement, 40. environment, 41. bureaucracy, 42. download, 43. mediator's, 44. browsed, 45. subtraction

46. The increased concentrat____ of hydrogen ions in an aqueous solution makes it more acidic.
- n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
47. She accidentally _____ into him in the crowded room.
- v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
48. The _____ beauty of the sunset left us all in awe.
- adj.* inspiring amazement or admiration; extremely beautiful and impressive
49. I made plans to spend my _____ time beneficially.
- adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
50. He _____ agreed to go to the party.
- adv.* in a way that you are unwilling to do something; with hesitation
51. The _____ at the store helped me find what I needed.
- n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
52. The chief _____ was responsible for organizing the meeting.
- n.* a person whose job is to deal with correspondence, keep records, and do administrative work for a company or organization
53. This typhoon was the most _____ in years.
- adj.* causing a great deal of destruction or damage

ANSWERS: 46. ion, 47. bumped, 48. wondrous, 49. spare, 50. reluctantly, 51. clerk, 52. secretary, 53. devastating

54. Seeing _____ smiling face whenever I visit her is always a treat.
n. a grandmother; an older adult, especially one who is seen as conservative or cautious, often used as a term of affection or familiarity
55. Shares in the company finally fell below their ____ value.
n. a state of being equal to someone or something
56. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
57. _____ robots that can cooperate with humans have limited motor output for safety.
adj. having the capacity for thought and reason, especially to a high degree
58. Our team caught a _____ of the world-class technique in this game.
n. a brief or partial view; the act of seeing something or someone for a very short time or only partly
59. Lengthened skirts are _____ this year.
adj. popular at a particular time
60. The associate _____ carefully reviewed the company's financial records.
n. a person whose job is to keep financial records and accounts for a person or organization
61. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something

ANSWERS: 54. granny's, 55. par, 56. experiments, 57. Intelligent, 58. glimpse, 59. fashionable, 60. accountant, 61. creative

62. The detective looked for fingerprints on the window _____.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
63. She made a facial _____ to express disagreement.
- n.* a movement of the hands, head, or face that express a particular meaning
64. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period
65. The museum offers a variety of _____ programs for children and adults.
- adj.* relating to education or providing knowledge or instruction
66. I need to upgrade my Internet plan to get faster _____ speeds.
- n.* a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer
67. He narrated the _____ story of his adventure.
- adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
68. The teacher's innovative _____ helped her students learn in fun and engaging way.
- n.* the method or art of teaching or instructing, especially as an academic subject or profession
69. Which _____ of the company do you work in?
- n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector

ANSWERS: 62. frame, 63. gesture, 64. survive, 65. educational, 66. broadband, 67. extraordinary, 68. pedagogy, 69. division

70. Everyone regarded the theory he advocated as _____ but was later proven correct.

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

71. The patient suffered complications due to _____ dosage of medication

adj. not following established conventions or norms for appropriate behavior, manners, or conduct; inappropriate or unsuitable for a particular situation or context

72. The _____ is about 13.8 billion years old.

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

73. The _____ of soldiers marched through the city in a parade.

n. a group of soldiers, especially a large one; a group of people, animals, or things considered as a unit.

74. _____ 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

75. He sailed the Atlantic Ocean multiple times during his _____.

n. a journey or a series of events that is unusual, exciting, or dangerous

76. Your _____ is capable of distinguishing among similar objects.

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

77. I need to _____ my car regularly to prevent any major mechanical issues.

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

ANSWERS: 70. ridiculous, 71. improper, 72. universe, 73. troop, 74. Multiply, 75. adventures, 76. intellect, 77. maintain

78. They _____ customers with a premium for loyal patronage.
- v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
79. The movie has received almost universally _____ criticism.
- adj.* having the quality of something bad or harmful; expressing refusal
80. His eyes _____ with mischief.
- v.* to shine with a flickering or sparkling light; (noun) the act of shining in a bright and cheerful way
81. She has a _____ eye for art and can spot a fake a mile away.
- adj.* able to make good judgments about what is true or right
82. Flight across the _____ was a daring adventure in its day.
- n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
83. She struggled to _____ the word in a foreign language.
- v.* to say or speak (a word or words) correctly or in a particular way
84. Our CEO's _____ are always transparent and straightforward.
- n.* something you want to do and are going to do
85. He has built a thriving e-commerce _____.
- n.* a group of countries ruled by one leader or government
86. She is the president of a large international _____.
- n.* a group of people who work together for a shared purpose

ANSWERS: 78. encouraged, 79. negative, 80. twinkled, 81. discerning, 82. continent, 83. pronounce, 84. intentions, 85. empire, 86. organization

87. They had a _____ conversation over coffee at the local cafe.

adj. relaxed and informal in manner or dress, not planned or expected; not involving commitment or seriousness

88. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.

n. a person, company, etc. to whom a debtor owes money

89. The _____ mountains dominate the landscape.

n. a feeling of respect and wonder inspired by someone or something greatly admired

90. The building was _____ in the fire and had to be rebuilt.

v. to ruin or damage severely or completely; to eradicate or eliminate completely

91. The letter was written in _____ script and had a personal touch.

adj. written with a pen or pencil rather than typed

92. The use of _____ is strictly prohibited under international law.

n. the act of causing intense pain or suffering to someone to punish them, extract information from them, or for some other reason

93. She has a thick southern _____.

n. a distinctive way of pronouncing the words of a language that shows which area, country, or social group a person comes from; particular importance or significance

94. A committee was appointed to manage the reorganization of the _____.

n. a series of subjects comprising a course of study in a school, college, etc.

ANSWERS: 87. casual, 88. creditor, 89. awe-inspiring, 90. destroyed, 91. handwritten, 92. torture, 93. accent, 94. curriculum

95. The _____ of severe weather prompted the city to issue an evacuation warning.
n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
96. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
97. The _____ photographer captured some stunning shots during the sunset.
adj. engaging in an activity or pursuing a particular interest without professional knowledge, training, or experience; non-professional
98. The solar wind is composed almost entirely of electrons and _____.
n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
99. Our body transfers information along each _____ using an electrical impulse.
n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body
100. The sun's _____ shone through the window and illuminated the room.
n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
101. The country's domestic coal consumption has been _____ declining for decades.
adv. without being interrupted or paused; repeatedly
102. This company has an entire recycling _____ including major reprocessing plants.
n. a building or place that provides a particular service or is used for a particular industry

ANSWERS: 95. threat, 96. lab, 97. amateur, 98. protons, 99. neuron, 100. beam, 101. continuously, 102. facility,

103. _____ elections were held in several European countries.

adj. belonging to or used by a group rather than individuals; for common use

104. This evidence supports the big-bang _____.

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

105. 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

106. The _____ partially destroyed my vehicle.

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

107. He performed _____ tricks with sophisticated moves.

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

108. He couldn't help but _____ at the beautiful sunset over the ocean.

v. to gaze or look fixedly and intently at someone or something, often in a questioning, curious, or suspicious manner; (noun) a fixed, intense, and prolonged gaze or look

109. The _____ collar indicated that he was a member of the clergy.

adj. relating to the clergy (= the official leaders of the religious activities) or the work of a clerk; of or relating to the clergy

110. The soccer game crowd broke into a _____ of "Go, team, go!"

n. a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

ANSWERS: 103. Communal, 104. hypothesis, 105. decide, 106. accident, 107. magic, 108. stare, 109. clerical, 110. chant

111. _____ storm Marco is making his way along the coast of Florida.
adj. originating in, located in, or characteristic of the tropics
112. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
113. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions
114. The _____ on the note was barely legible.
n. the particular way in which a person writes, as distinct from printing or typing
115. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
116. The law was repealed to protect the rights of _____ citizens.
adj. sexually attracted to people of one's own sex
117. 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
118. Bell-bottom jeans, once considered _____ fashion, have made a surprising comeback in recent years.
adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

ANSWERS: 111. Tropical, 112. electron, 113. chemistry, 114. handwriting, 115. engineer, 116. homosexual, 117. stick, 118. passe

119. The judge gave severe _____ to the criminal who committed the heinous crime.
- n.* a penalty or consequence inflicted for wrongdoing or offense; a means of enforcing discipline or preventing further wrongdoing
120. Advancements in _____ have revolutionized medicine and agriculture.
- n.* the application of technological processes and methods to biological systems to develop new products or techniques, such as genetically modified organisms or biopharmaceuticals
121. I am _____ opposed to his idea because of morality.
- adv.* without restriction or limitation; completely or utterly
122. Who answers _____ knows little.
- adv.* quickly and unexpectedly
123. The soldiers stood at attention to _____ their commanding officer.
- v.* to show respect or recognition for someone or something, often by making a gesture or performing an action; to greet or acknowledge someone in a formal or ceremonious way
124. 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
125. The _____ of the discussion was the current state of the economy.
- n.* a subject that is being discussed or written about
126. The government needs to invest more in affordable housing options to reduce the number of people living in _____.
- n.* a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect

ANSWERS: 119. punishment, 120. biotechnology, 121. absolutely, 122. suddenly, 123. salute, 124. disease, 125. topic, 126. slums

127. The recipe calls for four cups of flour _____ one tablespoon.

adj. subtracting or taking away; having a value less than zero

128. The _____ spacecraft landed on the asteroid.

adj. not having a human crew or operator, as in unmanned aerial vehicles (UAVs) or unmanned spacecraft

129. 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

130. The mobile phone was still _____ even after being dropped.

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

131. The policies he announces can be the _____ of economic growth in the country.

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

132. A _____ was being dug alongside the road by workers.

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

133. He is drawing a _____ illustrating how the equipment operates.

n. a simplified illustration of the appearance, structure, or workings of something

134. The experiment yielded _____ results that support his theory.

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

ANSWERS: 127. minus, 128. unmanned, 129. neuroscience, 130. functional, 131. engine, 132. trench, 133. diagram, 134. robust

135. I decided to seek counseling on the advice of my _____.

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

136. New technology has rendered my old smartphone _____.

adj. no longer in use or helpful because something newer or better has been invented and introduced

137. Could you help me _____ some furniture?

n. a slight transition in position, direction, or trend

138. During colonial eras, new migratory patterns _____.

v. to move out of or away from something and become visible

139. Actuators convert _____ pulses into motion.

adj. relating to electricity

140. We replaced _____ equipment to improve factory productivity.

adj. no longer useful or valid because of being old-fashioned

141. The _____ weather made it difficult to see the road ahead.

adj. characterized by or filled with dense clouds of mist or fog; unclear or hazy, as in thought or memory

142. Infant formulas are nutritionally almost _____ to a mother's breast milk.

adj. being the exact same one

143. He wandered the _____ between life and death by gunfire.

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 135. colleague, 136. obsolete, 137. shift, 138. emerged, 139. electrical, 140. outdated, 141. foggy, 142. identical, 143. boundary

144. The _____ feature on my phone helps me multitask while on the go.
adj. relating to a computer or software system that converts written text into a spoken audio output
145. He found that it is difficult to _____ socially.
v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
146. The sound of his chewing loudly _____ me during dinner.
v. to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore
147. According to the laws of physics, an event happening before its cause is a logical _____.
n. the state or condition of being impossible; something that is not possible or cannot be done
148. 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
149. The company specializes in both hardware and _____.
n. a set of computer programs and associated documentation and data for doing particular computational jobs
150. The experiment was _____ several times to ensure accuracy.
v. to make an exact copy of something; to repeat a process or experiment to confirm the results
151. 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

ANSWERS: 144. text-to-speech, 145. integrate, 146. irritates, 147. impossibility, 148.

planet, 149. software, 150. replicated, 151. process

152. In _____ private corporations provide healthcare services.

n. the act or process of adding something to something else; the process of adding numbers

153. The partnership program requires a mutual _____ between both agencies.

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

154. 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

155. 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

ANSWERS: 152. addition, 153. collaboration, 154. measured, 155. communicate