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John Searle: Our shared condition -- consciousness | TED Talk

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All Words

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Session 1: Word List

conscious

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

synonym : aware, cognizant, deliberate

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

neglect

v. to not give enough care or attention to something; to leave something undone

synonym : delinquency, carelessness, decay

(1) **neglect** to call, (2) **neglect** ethical issues
He **neglected** his health to make the project a success.

philosophy

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

synonym : doctrine, attitude, creed

(1) **philosophy** of education, (2) western **philosophy**
Ethics is a branch of **philosophy**.

aspect

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

synonym : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

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

production.

zombie

n. a dead body that has been brought back to life by a supernatural force; someone who acts or responds in a mechanical or apathetic way

synonym : living dead, ghost, machine

(1) **zombie** bank, (2) **zombie** movie

If you don't get a good night's sleep, you will become a **zombie** at work.

appalling

adj. causing horror or shock; deeply disturbing or offensive; extremely bad or unpleasant

synonym : shocking, horrifying, alarming

(1) **appalling** crimes, (2) **appalling** behavior

The condition of that old house was **appalling**.

progression

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

synonym : advancement, development, evolution

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

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

straightforward

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

synonym : honest, candid, forthright

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

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

biology

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

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

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

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**.

stab

v. to cause harm with a sharp, pointed object, such as a knife

synonym : poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest

He was **stabbed** many times with scissors.

heavy-duty

adj. designed to withstand or endure rough, harsh, or intense use; made for heavy or strenuous work

synonym : tough, sturdy, durable

(1) **heavy-duty** equipment, (2) **heavy-duty** cleaning

The **heavy-duty** truck towed the broken-down car to the garage.

neurobiology

n. a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion

synonym : brain science, neural science, neurology

(1) **neurobiology** research, (2) cellular **neurobiology**

The professor's research in **neurobiology** has led to groundbreaking discoveries in the field of brain science.

impatience

n. a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience

synonym : impatience, restlessness, agitation

(1) **impatience** with delays, (2) business **impatience**

The doctor advised him to manage his **impatience** as stress

could exacerbate his medical condition.

embarrass

v. to cause someone to feel awkward, worried, or ashamed
synonym : disconcert, unsettle, agitate

(1) **embarrass** political enemy, (2) **embarrass** my project
He looked for an opportunity to **embarrass** that actor in public.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
synonym : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow
We **strike** to achieve more wages and safer working conditions.

exasperate

v. to irritate or annoy someone intensely; to provoke or aggravate someone to the point of exasperation, frustration, or fury
synonym : irritate, annoy, provoke

(1) **exasperate** him to anger, (2) **exasperate** a situation
Her constant complaining about the weather started to **exasperate** everyone around her.

discipline

n. the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
synonym : training, restraint, field

(1) break **discipline**, (2) rigid **discipline**
He quickly learned the military **discipline**.

reluctance

n. a feeling of unwillingness or hesitation, especially when faced with a decision or undertaking
synonym : hesitation, resistance, unwillingness

(1) overcoming **reluctance**, (2) **reluctance** in buying
The company's **reluctance** to invest in new technology kept them from competing with other businesses.

hostility

n. aggressive or unfriendly feelings or behavior

synonym: antagonism, antipathy, estrangement

(1) an act of **hostility**, (2) bitter **hostility**

Her unconcealed **hostility** made us unpleasant.

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

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.

opposing

adj. competing, fighting, or working against each other

synonym: disagreeing, dissenting, conflicting

(1) **opposing** counsel, (2) in an **opposing** direction

We have no intention of **opposing** his idea.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

religion

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

synonym: faith, creed, belief

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

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

dual

adj. having two parts, aspects, or elements

synonym: twofold, binary, double

(1) **dual** purpose, (2) **dual** nationality

This laptop has a **dual-core** processor, making it fast and efficient.

spiritual

adj. relating to or affecting the human spirit or soul as opposed to material or physical things

synonym: otherworldly, ethereal, transcendental

(1) constant **spiritual** striving, (2) **spiritual** leader

The meditation class was focused on finding inner peace and cultivating a more **spiritual** connection with the universe.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

immortality

n. the state or quality of being able to live or last forever

synonym: endless life, timelessness, agelessness

(1) the **immortality** of the soul, (2) achieve **immortality**

Many people believe in the concept of **immortality** and an afterlife.

opposed

adj. being completely different from something or disagreeing strongly with something

synonym: anti, averse, hostile

(1) two **opposed** characters, (2) absolutely **opposed** to abortion

I'm strongly **opposed** to that plan.

damn

v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

synonym: curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn** the CEO's chances of being re-elected to the board.

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.

stomach

n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

synonym: belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus

I have a **stomach** ache after overeating junk food.

twin

n. either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

phenomenon

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

synonym: marvel, wonder, splendor

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

A rainbow is a natural **phenomenon**.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

digestion

n. the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas

synonym: absorption, assimilation, metabolism

(1) poor **digestion**, (2) impaired **digestion**

Overeating can lead to discomfort and slower **digestion**.

mitosis

n. a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell

synonym: cell division, cell reproduction

(1) **mitosis** in plants, (2) stages of **mitosis**

Chromosomes condense and align at the center of the cell during the metaphase of **mitosis**.

evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

synonym: vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight

The sun will **evaporate** the mist.

illusion

n. a false idea or belief, especially about somebody or about a situation

synonym: delusion, fallacy, magic trick

(1) optical **illusion**, (2) the **illusion** of being in the forest

He could no longer tell the difference between **illusion** and reality.

sunset

n. the time in the evening at which the sun begins to fall below the horizon; (verb) to expire or be terminated automatically at the end of a fixed period

synonym: evening, sundown, dusk

(1) **sunset** this function, (2) spectacular **sunset** views

He is in the **sunset** of his life.

rainbow

n. an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain

synonym: spectrum, iridescence, prism

(1) marine **rainbow**, (2) **rainbow** after a storm

She was mesmerized by the **rainbow's** colors.

influential

adj. having significant impact or power on someone or something

synonym: potent, significant, meaningful

(1) an **influential** newspaper, (2) an **influential** politician
Early childhood experiences are very **influential** for people.

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.

consciously

adv. with awareness; in a deliberate manner

synonym: intentionally, deliberately, knowingly

(1) **consciously** aware of a problem, (2) act **consciously**
He **consciously** criticizes her in the publicity.

definition

n. a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word
Parallel lines are, by **definition**, lines on the same plane that never cross.

define

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

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position
To advance this discussion, we must **define** "success" rigorously.

common-sense

n. practical intelligence and judgment that is typically developed through experience and not necessarily through formal education

synonym: practicality, sound judgment, horse sense

(1) **common-sense** approach, (2) social **common-sense**

It's just **common-sense** to check the oil level in your car regularly.

consist

v. to be composed or made up of

synonym: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

sentience

n. the quality or state of being able to experience feelings or become aware or conscious of something

synonym: awareness, appreciation, consciousness

(1) animals with **sentience**, (2) give **sentience** to the fact

Some people believe in the **sentience** of plants.

dreamless

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

synonym: unconscious, comatose, unaware

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

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

asleep

adj. in a state of sleep

synonym: sleeping, fallen, at rest

(1) **asleep** at the wheel, (2) dead **asleep**

He lay down and fell **asleep** immediately.

unconscious

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

synonym: comatose, paralyzed, senseless

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

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

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.

mysterious

adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

synonym : enigmatic, cryptic, puzzling

(1) **mysterious** object, (2) **mysterious** stranger

The **mysterious** disappearance of the ship remains unsolved.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym : fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

squirt

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

synonym : spray, eject, spurt

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

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

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.

jar

n. a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials

synonym : container, vessel, pot

(1) a **jar** of jam, (2) a water **jar**

He placed the coins in a **jar** to save for a trip.

solid

adj. hard or firm; characterized by good substantial quality

synonym: stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

specify

v. to explain or state something clearly and exactly

synonym: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

irreducible

adj. impossible to reduce or simplify to a simpler form or substance; essential or fundamental to the nature of something

synonym: indivisible, fundamental, essential

(1) **irreducible** complexity, (2) **irreducible** minimum

He believed that the complexity of human emotions was **irreducible** to simple explanations or formulas.

rid

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

synonym: do away with, free, clear

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

We must **rid** ourselves of pollution.

distinction

n. a difference or contrast between similar things or people

synonym: eminence, noteworthiness, excellence

(1) important **distinction**, (2) draw a **distinction**

I can't see any **distinction** between these two concepts.

arc

n. the shape of a portion of a circle or other curved line

synonym: turn, bow, angle

(1) the **arc** current, (2) an **arc** of a circumference

A ball flew in a big **arc**.

arch

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

synonym : turn, bow, arc

(1) the **arch** of a person's foot, (2) an **arch-shaped** stone structure

The **arch** bears the weight of the overhead bridge.

bunch

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

synonym : group, assemblage, bundle

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

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

convinced

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

synonym : confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

cleverly

adv. in a way that demonstrates intelligence or ability

synonym : smartly, shrewdly, wittily

(1) **cleverly** devised trap, (2) guess **cleverly**

The dog jumped **cleverly** to one side.

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.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym : distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

qualitative

adj. relating to or involving qualities, such as properties, characteristics, or features, rather than quantities or numbers, often used to describe research or analysis that focuses on subjective or non-measurable factors

synonym : subjective, interpretative

(1) **qualitative** analysis, (2) **qualitative** factors

The researchers used a **qualitative** approach to analyze their findings.

automatically

adv. without needing a direct human control

synonym : mechanically, unconsciously, spontaneously

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

Our subscription plan is **automatically** renewed.

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.

stretch

v. to make or be capable of making anything longer or broader without hurting or breaking

synonym : lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story

Some herds have been observed to **stretch** hundreds of kilometers.

backward

adv. at, to, or toward the direction or place that is behind or rear

synonym : back, rearward, in reverse

(1) walk **backward**, (2) **backward** angle

She falls over **backward** when she sees her mother-in-law.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential
Shakespeare's output of poetry was **enormous**.

disappointment

n. the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes

synonym: letdown, frustration, discouragement

(1) **disappointment** in the result, (2) **disappointment** with the service

The cancellation of the concert was a huge **disappointment** for the fans.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power

The view from the top of the mountain was **marvelous**.

function

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

synonym: purpose, mapping, job

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

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

causal

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

synonym: causative, contributory, connected

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

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

demonstration

n. a display or show, often of a particular skill or product, intended to convince or persuade others

synonym : manifestation, presentation, show

(1) **demonstration** project, (2) a campus **demonstration**

Thousands of people attended the protest **demonstration** against the proposed policy.

sequence

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

synonym : arrangement, succession, series

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

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

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.

terminate

v. to bring to an end or stop

synonym : stop, finish, abolish

(1) **terminate** the contract, (2) **terminate** a process

The attack on the country **terminated** the relatively peaceful.

acetylcholine

n. a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals

synonym : neurotransmitter, cholinergic

(1) **acetylcholine** receptor, (2) **acetylcholine** molecule

Low levels of **acetylcholine** have been linked to symptoms of Alzheimer's disease.

axon

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

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

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

motor

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

synonym: actuator, engine, machine

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

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

terminology

n. the special words or phrases that are used within a particular field or subject; the language or jargon of a particular group or profession

synonym: jargon, lexicon, vocabulary

(1) industry **terminology**, (2) medical **terminology**

The instructor will provide a glossary of commonly used **terminology** at the beginning of the course.

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.

decision

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

synonym: choice, determination, judgment

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

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

touchy

adj. easily offended or upset, or sensitive

synonym: sensitive, easily offended

(1) **touchy** subject, (2) a little **touchy** personality

The **touchy** situation required careful handling to avoid further conflict.

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.

nervous

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

synonym: neural, anxious, uneasy

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

He suffers from **nervous** breakdowns.

fiber

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

synonym: yarn, thread, wool

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

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

vocabulary

n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses

synonym: lexicon, glossary, dictionary

(1) **vocabulary** list, (2) academic **vocabulary**

Using proper **vocabulary** is essential for writing a good essay.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

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**.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

digital

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

synonym : numerical, computerized, cyber

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

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

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

stable

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

synonym : sturdy, unmoving, durable

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

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

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

synonym: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

symbol

n. something visible that is used to represent something else

synonym: mark, character, insignia

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

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

manipulate

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

synonym: control, exploit, abuse

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

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

algorithm

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

synonym: logic, method, rule

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

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

binary

n. a system of numbers that uses only two digits, 0 and 1

synonym: twofold, double

(1) a **binary** number, (2) trading in **binary** options

A **binary** star is a system in which two stars revolve around each other.

- trait** *n.* a particular feature of your nature
synonym : attribute, feature, quality
(1) chemical **trait**, (2) personality **traits**
Multiple genes may influence behavioral **traits** concurrently.
- syntax** *n.* the grammatical order or rule of words in a sentence
synonym : grammar
(1) French **syntax**, (2) **syntax** error
Let's investigate the **syntax** of Latin.
- 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.
- semantics** *n.* the branch of linguistics and logic concerned with meaning
synonym : meaning, connotation, denotation
(1) lexical **semantics**, (2) information **semantics**
The **semantics** of the sentence could have been clearer and easier to understand.
- implicit** *adj.* suggested but not directly expressed
synonym : implied, unstated, hinted
(1) **implicit** bias, (2) give **implicit** consent
The **implicit** meaning behind his words was clear, even though he did not explicitly say it.
- observer** *n.* a person who watches or notices someone or something but has no active part in it
synonym : spectator, onlooker, watcher
(1) a shrewd **observer**, (2) an **observer** in the region
According to the theory of relativity, time is different for each **observer**.

independence

n. freedom from another's or others' control or influence
synonym: freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

property

n. a thing or things that belong to someone
synonym: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

government

n. the group of people with authority to control a country or state

synonym: administration, regime, state

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

The federal **government** is planning to increase taxes for the next fiscal year.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

cocktail

n. a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

synonym: appetizer, beverage

(1) a light **cocktail**, (2) **cocktail** of chemicals

We invited some friends for a **cocktail** party.

vacation

n. a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure

synonym: leave, recess, break

(1) a short **vacation**, (2) summer **vacation**

Do you have a plan for a long **vacation**?

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

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

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

absolute

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

synonym: complete, infrangible, indisputable

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

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

mass

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

synonym: abundance, crowd, mob

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

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

gravitational

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

synonym: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

attraction

n. a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

synonym: allure, appeal, interest

(1) the big **attraction** of the event, (2) popular tourist **attraction**

She felt an instant **attraction** toward him.

intrinsic

adj. belonging naturally; essential

synonym: inherent, innate, natural

(1) **intrinsic** value, (2) **intrinsic** nature

The **intrinsic** beauty of the painting was immediately apparent to all who viewed it.

haul

v. to physically drag or pull someone or something with effort

synonym: drag, pull, tug

(1) **haul** on a rope, (2) **haul** truck

They had to **haul** the boat out of the water for repairs.

calculator

n. a small electronic device for making arithmetic calculations

synonym: computer, machine, estimator

(1) **calculator** app, (2) analog **calculator**

I left my alpha **calculator** at home, so I had to borrow one from a classmate to finish my math homework.

calculation

n. the act or process of using numbers to judge an amount of something

synonym: analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

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.

circuit

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

synonym: route, course, rotation

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

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

interpret

v. to explain or assign the meaning of information, actions, etc.

synonym: decode, decipher, analyze

(1) **interpret** a graph, (2) **interpret** the question

Different people might **interpret** this news differently.

machinery

n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

synonym: apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**

The **machinery** of audit formally issued a business improvement order.

interpretation

n. an explanation or opinion of something, especially that is not immediately obvious

synonym: rendering, explanation, understanding

(1) the **interpretation** of history, (2) open to **interpretation**

His **interpretations** of literary works are often unique.

arbitrary

adj. based on chance, or individual whim rather than any reason

synonym: autocratic, dictatorial, whimsical

(1) **arbitrary** size and shape, (2) the **arbitrary** rule of a dictator

He collected data to avoid **arbitrary** decisions.

persistent

adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

synonym: tenacious, steadfast, unrelenting

(1) **persistent** cough, (2) **persistent** data

Despite the setbacks, he remained **persistent** in his pursuit of his dreams.

confusion

n. the state of being mixed up or unclear, or the state of disorder or uncertainty

synonym: disorder, disarray, chaos

(1) administrative **confusion**, (2) in great **confusion**

The sudden policy change has caused **confusion** among employees.

claim

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

synonym: assert, declare, maintain

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

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

domain

n. a specific sphere of influence or control; a specific field of knowledge or expertise

synonym: territory, realm, sphere

(1) **domain** of use, (2) a dependent **domain**

The company's **domain** in the market was expanding to new territories.

pun

n. a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay

synonym: joke, quip, wordplay

(1) witty **pun**, (2) silly **pun**

The comedian's **pun** had the audience laughing out loud.

neurology

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

synonym: brain science, nervous system, neuropathology

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

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

patient

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

synonym: client, recipient, subject

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

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

suffer

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

synonym: endure, undergo, tolerate

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

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

refute

v. to say or prove that something is wrong or false

synonym: disavow, rebut, counter

(1) **refute** an opponent, (2) **refute** the foolish idea

The latest experimental results have **refuted** the previous speculation.

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.

engaging

adj. attracting, pleasant, or charming

synonym: alluring, interesting, engrossing

(1) **engaging** story, (2) an **engaging** smile

She was disbarred for her **engaging** in fraud.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

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

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

genuine

adj. real and exactly; not pretended; sincerely felt or expressed

synonym: actual, honest, unpretending

(1) a **genuine** article, (2) show **genuine** regret

Is this painting **genuine** or forged?

analyze

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

synonym: explore, examine, investigate

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

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

Session 2: Spelling

1. ci____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
2. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
3. voc____ry list *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
4. co___x cells *n.* the outermost layer of an organ, especially the brain
5. a person who is unc____us *adj.* in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness
6. 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
7. co____ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
8. imp____ce with delays *n.* a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience

ANSWERS: 1. circuit, 2. motor, 3. vocabulary, 4. cortex, 5. unconscious, 6. neuron, 7. convinced, 8. impatience

9. te_____te a process *v.* to bring to an end or stop
10. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
11. h__l on a rope *v.* to physically drag or pull someone or something with effort
12. pa_____ze a person *v.* to cause a person or part of the body to become unable to move or feel
13. an unexpected si__t *n.* the ability to see; anything that is seen
14. to____y subject *adj.* easily offended or upset, or sensitive
15. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
16. ca____l chain *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
17. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
18. upset st_____h *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
19. cognitive ne_____gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
20. unc_____us bias *adj.* in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness

ANSWERS: 9. terminate, 10. addition, 11. haul, 12. paralyze, 13. sight, 14. touchy, 15. bunch, 16. causal, 17. mass, 18. stomach, 19. neurology, 20. unconscious

21. exa_____te a situation *v.* to irritate or annoy someone intensely; to provoke or aggravate someone to the point of exasperation, frustration, or fury
22. op_____ng counsel *adj.* competing, fighting, or working against each other
23. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
24. ma_____us power *adj.* causing wonder or astonishment; excellent
25. cl__m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
26. act con_____ly *adv.* with awareness; in a deliberate manner
27. as__p at the wheel *adj.* in a state of sleep
28. hea_____ty cleaning *adj.* designed to withstand or endure rough, harsh, or intense use; made for heavy or strenuous work
29. beam of el_____ons *n.* a tiny particle with the negative electrical charge
30. human in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
31. an en_____ng smile *adj.* attracting, pleasant, or charming
32. cl_____ly devised trap *adv.* in a way that demonstrates intelligence or ability

ANSWERS: 21. exasperate, 22. opposing, 23. algorithm, 24. marvelous, 25. claim, 26. consciously, 27. asleep, 28. heavy-duty, 29. electron, 30. intellect, 31. engaging, 32. cleverly

33. an a_c of a circumference *n.* the shape of a portion of a circle or other curved line
34. su__r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
35. st____h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
36. important dis_____on *n.* a difference or contrast between similar things or people
37. stages of mi_____s *n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell
38. a shrewd ob_____er *n.* a person who watches or notices someone or something but has no active part in it
39. rigid dis_____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
40. qua_____ve analysis *adj.* relating to or involving qualities, such as properties, characteristics, or features, rather than quantities or numbers, often used to describe research or analysis that focuses on subjective or non-measurable factors

ANSWERS: 33. arc, 34. suffer, 35. stomach, 36. distinction, 37. mitosis, 38. observer, 39. discipline, 40. qualitative

41. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
42. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
43. em_____ss political enemy *v.* to cause someone to feel awkward, worried, or ashamed
44. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
45. mi_____s in plants *n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell
46. dis_____ent with the service *n.* the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes
47. so__d ally *adj.* hard or firm; characterized by good substantial quality
48. business imp_____ce *n.* a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience

ANSWERS: 41. decision, 42. patient, 43. embarrass, 44. molecule, 45. mitosis, 46. disappointment, 47. solid, 48. impatience

49. in_____et the question *v.* to explain or assign the meaning of information, actions, etc.
50. irr_____le complexity *adj.* impossible to reduce or simplify to a simpler form or substance; essential or fundamental to the nature of something
51. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
52. optical il_____on *n.* a false idea or belief, especially about somebody or about a situation
53. ace_____ine receptor *n.* a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals
54. as___e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
55. ap_____ng behavior *adj.* causing horror or shock; deeply disturbing or offensive; extremely bad or unpleasant
56. en_____us amount *adj.* extremely large or great
57. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 49. interpret, 50. irreducible, 51. discuss, 52. illusion, 53. acetylcholine, 54. assume, 55. appalling, 56. enormous, 57. hardware

58. sy___x error *n.* the grammatical order or rule of words in a sentence
59. 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
60. a precise def_____on *n.* a concise explanation of the meaning of a word, phrase, or symbol
61. ne____t to call *v.* to not give enough care or attention to something; to leave something undone
62. h__l truck *v.* to physically drag or pull someone or something with effort
63. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
64. su___r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
65. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
66. give se_____ce to the fact *n.* the quality or state of being able to experience feelings or become aware or conscious of something
67. ap_____ng crimes *adj.* causing horror or shock; deeply disturbing or offensive; extremely bad or unpleasant

ANSWERS: 58. syntax, 59. process, 60. definition, 61. neglect, 62. haul, 63. confer, 64. suffer, 65. define, 66. sentience, 67. appalling

68. per_____nt cough *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
69. two op_____d characters *adj.* being completely different from something or disagreeing strongly with something
70. open to int_____ion *n.* an explanation or opinion of something, especially that is not immediately obvious
71. re___e an opponent *v.* to say or prove that something is wrong or false
72. guess cl_____ly *adv.* in a way that demonstrates intelligence or ability
73. gra_____nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
74. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
75. a t__n room *n.* either of two children born at the same time from the same mother
76. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
77. in great co_____on *n.* the state of being mixed up or unclear, or the state of disorder or uncertainty
78. neu_____ogy research *n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion

ANSWERS: 68. persistent, 69. opposed, 70. interpretation, 71. refute, 72. cleverly, 73. gravitational, 74. rid, 75. twin, 76. brain, 77. confusion, 78. neurobiology

79. the il_____on of being in the forest *n.* a false idea or belief, especially about somebody or about a situation
80. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
81. a light co_____il *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
82. summer va_____on *n.* a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure
83. 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
84. pair of id_____al twins *adj.* being the exact same one
85. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
86. administrative co_____on *n.* the state of being mixed up or unclear, or the state of disorder or uncertainty
87. heavy ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

ANSWERS: 79. illusion, 80. progression, 81. cocktail, 82. vacation, 83. process, 84. identical, 85. construct, 86. confusion, 87. machinery

88. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
89. co_____us effort *adj.* being aware of and able to respond to what is happening around you
90. the a__h of a person's foot *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
91. flow of el_____ons *n.* a tiny particle with the negative electrical charge
92. ba_____rd angle *adv.* at, to, or toward the direction or place that is behind or rear
93. an ab_____te must *adj.* perfect or complete or to the most considerable degree possible
94. do_____n of use *n.* a specific sphere of influence or control; a specific field of knowledge or expertise
95. analog cal_____or *n.* a small electronic device for making arithmetic calculations
96. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 88. manipulate, 89. conscious, 90. arch, 91. electron, 92. backward, 93. absolute, 94. domain, 95. calculator, 96. function

97. st____h along the coast *v.* to make or be capable of making anything longer or broader without hurting or breaking
98. sy____l color *n.* something visible that is used to represent something else
99. phi____hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
100. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
101. the ar____ry rule of a dictator *adj.* based on chance, or individual whim rather than any reason
102. co____ed of the idea *adj.* completely certain about something; having a strong belief or conviction in a particular religion
103. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
104. academic voc____ry *n.* the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses
105. st____h a story *v.* to make or be capable of making anything longer or broader without hurting or breaking

ANSWERS: 97. stretch, 98. symbol, 99. philosophy, 100. analyze, 101. arbitrary, 102. convinced, 103. function, 104. vocabulary, 105. stretch

106. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
107. sp_____y a cause *v.* to explain or state something clearly and exactly
108. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
109. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
110. draw a dis_____on *n.* a difference or contrast between similar things or people
111. en_____us potential *adj.* extremely large or great
112. make a cal_____on *n.* the act or process of using numbers to judge an amount of something
113. visual co____x neuron *n.* the outermost layer of an organ, especially the brain
114. the big att_____on of the event *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
115. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
116. get ne_____s *adj.* worried and anxious about something; relating to the nerves

ANSWERS: 106. influence, 107. specify, 108. digital, 109. liquid, 110. distinction, 111. enormous, 112. calculation, 113. cortex, 114. attraction, 115. construct, 116. nervous

117. mo____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
118. against tr____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
119. information se____cs *n.* the branch of linguistics and logic concerned with meaning
120. child in dr____ss slumber *adj.* without dreams or dreaming; not characterized by or associated with dreams
121. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
122. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
123. ma____us performance *adj.* causing wonder or astonishment; excellent
124. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
125. zo___e bank *n.* a dead body that has been brought back to life by a supernatural force; someone who acts or responds in a mechanical or apathetic way
126. pa____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 117. molecule, 118. tradition, 119. semantics, 120. dreamless, 121. doubt, 122. strike, 123. marvelous, 124. addition, 125. zombie, 126. patient

127. achieve imm_____ty *n.* the state or quality of being able to live or last forever
128. com_____nse approach *n.* practical intelligence and judgment that is typically developed through experience and not necessarily through formal education
129. a water j_r *n.* a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials
130. bitter ho_____ty *n.* aggressive or unfriendly feelings or behavior
131. in_____ic value *adj.* belonging naturally; essential
132. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
133. show ge_____e regret *adj.* real and exactly; not pretended; sincerely felt or expressed
134. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
135. 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
136. str_____ard manner *adj.* easy to do or understand, or simple; free from ambiguity
137. ar_____ry size and shape *adj.* based on chance, or individual whim rather than any reason

ANSWERS: 127. immortality, 128. common-sense, 129. jar, 130. hostility, 131. intrinsic, 132. biology, 133. genuine, 134. algorithm, 135. argument, 136. straightforward, 137. arbitrary

138. con_____ly aware of a problem *adv.* with awareness; in a deliberate manner
139. s__b in the chest *v.* to cause harm with a sharp, pointed object, such as a knife
140. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
141. be___g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
142. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
143. 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
144. constant sp_____al striving *adj.* relating to or affecting the human spirit or soul as opposed to material or physical things
145. su___t this function *n.* the time in the evening at which the sun begins to fall below the horizon; (verb) to expire or be terminated automatically at the end of a fixed period
146. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
147. sp_____y an option *v.* to explain or state something clearly and exactly
148. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 138. consciously, 139. stab, 140. progression, 141. belong, 142. solid, 143. ion, 144. spiritual, 145. sunset, 146. sequence, 147. specify, 148. feat

149. an ob____te word *adj.* no longer in use or helpful because something newer or better has been invented and introduced
150. s__b at the enemy with a knife *v.* to cause harm with a sharp, pointed object, such as a knife
151. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
152. sp_____al leader *adj.* relating to or affecting the human spirit or soul as opposed to material or physical things
153. trading in bi___y options *n.* a system of numbers that uses only two digits, 0 and 1
154. an inf_____al politician *adj.* having significant impact or power on someone or something
155. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
156. industry ter_____gy *n.* the special words or phrases that are used within a particular field or subject; the language or jargon of a particular group or profession
157. the def_____on of a word *n.* a concise explanation of the meaning of a word, phrase, or symbol
158. a t__n-lens camera *n.* either of two children born at the same time from the same mother
159. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
160. cal_____on of loss and gain *n.* the act or process of using numbers to judge an amount of something

ANSWERS: 149. obsolete, 150. stab, 151. government, 152. spiritual, 153. binary, 154. influential, 155. neuron, 156. terminology, 157. definition, 158. twin, 159. bunch, 160. calculation

161. chemical pr____ty *n.* a thing or things that belong to someone
162. 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
163. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
164. medical ter_____gy *n.* the special words or phrases that are used within a particular field or subject; the language or jargon of a particular group or profession
165. marine ra____w *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
166. re___e the foolish idea *v.* to say or prove that something is wrong or false
167. an inf_____al newspaper *adj.* having significant impact or power on someone or something
168. inactive ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
169. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
170. walk ba____rd *adv.* at, to, or toward the direction or place that is behind or rear

ANSWERS: 161. property, 162. decide, 163. photosynthesis, 164. terminology, 165. rainbow, 166. refute, 167. influential, 168. machinery, 169. biology, 170. backward

171. a bi___y number *n.* a system of numbers that uses only two digits, 0 and 1
172. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
173. lexical se_____cs *n.* the branch of linguistics and logic concerned with meaning
174. freedom of re_____on *n.* a deep conviction in a supernatural power that controls human destiny
175. French sy___x *n.* the grammatical order or rule of words in a sentence
176. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
177. d__n with faint praise *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
178. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
179. zo___e movie *n.* a dead body that has been brought back to life by a supernatural force; someone who acts or responds in a mechanical or apathetic way
180. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
181. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 171. binary, 172. phenomenon, 173. semantics, 174. religion, 175. syntax, 176. define, 177. damn, 178. circuit, 179. zombie, 180. analyze, 181. sequence

182. overcoming rel_____ce *n.* a feeling of unwillingness or hesitation, especially when faced with a decision or undertaking
183. aut_____lly adjusted *adv.* without needing a direct human control
184. ace_____ine molecule *n.* a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals
185. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
186. inc_____le amount *adj.* unbelievable; enormous
187. in_____ic nature *adj.* belonging naturally; essential
188. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
189. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
190. sq___t oil *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
191. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 182. reluctance, 183. automatically, 184. acetylcholine, 185. discuss, 186. incredible, 187. intrinsic, 188. combination, 189. feat, 190. squirt, 191. stable

192. qua_____ve factors *adj.* relating to or involving qualities, such as properties, characteristics, or features, rather than quantities or numbers, often used to describe research or analysis that focuses on subjective or non-measurable factors
193. his conclusion was ob_____s *adj.* easy to see, discover or understand
194. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
195. re_____on sociology *n.* a deep conviction in a supernatural power that controls human destiny
196. give im_____it consent *adj.* suggested but not directly expressed
197. re_____ve factors *adj.* considered and evaluated through comparison with something else
198. pa_____ze a city *v.* to cause a person or part of the body to become unable to move or feel
199. d__l purpose *adj.* having two parts, aspects, or elements
200. silly p_n *n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
201. an act of ho_____ty *n.* aggressive or unfriendly feelings or behavior
202. personality tr__ts *n.* a particular feature of your nature
203. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 192. qualitative, 193. obvious, 194. tradition, 195. religion, 196. implicit, 197. relative, 198. paralyze, 199. dual, 200. pun, 201. hostility, 202. trait, 203. digital

204. at inc_____le speed *adj.* unbelievable; enormous
205. animals with se_____ce *n.* the quality or state of being able to experience feelings or become aware or conscious of something
206. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
207. impaired di_____on *n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas
208. d__n the consequences *v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
209. a campus dem_____ion *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
210. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
211. spectacular su____t views *n.* the time in the evening at which the sun begins to fall below the horizon; (verb) to expire or be terminated automatically at the end of a fixed period
212. per_____nt data *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

ANSWERS: 204. incredible, 205. sentience, 206. demonstrate, 207. digestion, 208. damn, 209. demonstration, 210. influence, 211. sunset, 212. persistent

213. rel_____ce in buying *n.* a feeling of unwillingness or hesitation, especially when faced with a decision or undertaking
214. false cl__m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
215. gov_____nt funding *n.* the group of people with authority to control a country or state
216. western phi_____hy *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
217. d__l nationality *adj.* having two parts, aspects, or elements
218. te_____te the contract *v.* to bring to an end or stop
219. ev_____te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
220. rechargeable lithium-i_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
221. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
222. ne_____t ethical issues *v.* to not give enough care or attention to something; to leave something undone

ANSWERS: 213. reluctance, 214. claim, 215. government, 216. philosophy, 217. dual, 218. terminate, 219. evaporate, 220. ion, 221. manipulate, 222. neglect

223. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
224. dis_____ent in the result *n.* the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes
225. a j_r of jam *n.* a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials
226. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
227. absolutely op_____d to abortion *adj.* being completely different from something or disagreeing strongly with something
228. im_____it bias *adj.* suggested but not directly expressed
229. sq___t water *v.* to eject or discharge with force in a fast stream or jet; to spray or sprinkle with a liquid or substance
230. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
231. in an op_____ng direction *adj.* competing, fighting, or working against each other
232. 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

ANSWERS: 223. aspect, 224. disappointment, 225. jar, 226. liquid, 227. opposed, 228. implicit, 229. squirt, 230. rid, 231. opposing, 232. argument

233. a mo__r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
234. de____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
235. the a__n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
236. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
237. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
238. social com_____nse *n.* practical intelligence and judgment that is typically developed through experience and not necessarily through formal education
239. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
240. co___r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
241. enrich my in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level

ANSWERS: 233. motor, 234. decision, 235. axon, 236. mass, 237. decide, 238. common-sense, 239. strike, 240. confer, 241. intellect

242. a ge____e article *adj.* real and exactly; not pretended; sincerely felt or expressed
243. gra_____nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
244. ind_____nce ceremony *n.* freedom from another's or others' control or influence
245. chemical tr__t *n.* a particular feature of your nature
246. development of the ne____s system *adj.* worried and anxious about something; relating to the nerves
247. irr_____le minimum *adj.* impossible to reduce or simplify to a simpler form or substance; essential or fundamental to the nature of something
248. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
249. ra____w after a storm *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
250. co____t mainly of cells *v.* to be composed or made up of
251. the ha____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
252. an a__n of a nerve cell *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
253. dull si__t *n.* the ability to see; anything that is seen

ANSWERS: 242. genuine, 243. gravitational, 244. independence, 245. trait, 246. nervous, 247. irreducible, 248. brain, 249. rainbow, 250. consist, 251. hardware, 252. axon, 253. sight

254. exa_____te him to anger *v.* to irritate or annoy someone intensely; to provoke or aggravate someone to the point of exasperation, frustration, or fury
255. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
256. break dis_____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
257. popular tourist att_____on *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
258. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
259. a remote re_____ve *adj.* considered and evaluated through comparison with something else
260. ab_____te loyalty *adj.* perfect or complete or to the most considerable degree possible
261. dr_____ss nights *adj.* without dreams or dreaming; not characterized by or associated with dreams
262. ob_____s reasons *adj.* easy to see, discover or understand
263. a dependent do____n *n.* a specific sphere of influence or control; a specific field of knowledge or expertise

ANSWERS: 254. exasperate, 255. combination, 256. discipline, 257. attraction, 258. computation, 259. relative, 260. absolute, 261. dreamless, 262. obvious, 263. domain

264. cellular neu_____ogy *n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion
265. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
266. mys_____us object *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement
267. financial ind_____nce *n.* freedom from another's or others' control or influence
268. poor di_____on *n.* the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas
269. natural phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood
270. a short va_____on *n.* a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure

ANSWERS: 264. neurobiology, 265. stable, 266. mysterious, 267. independence, 268. digestion, 269. phenomenon, 270. vacation

271. in_____et a graph *v.* to explain or assign the meaning of information, actions, etc.
272. make a str_____ard dash *adj.* easy to do or understand, or simple; free from ambiguity
273. ev_____te the water *v.* to turn a liquid into a gas; to become less intense and disappear gradually
274. a little to___y personality *adj.* easily offended or upset, or sensitive
275. dem_____ion project *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
276. co_____t only in knowing facts *v.* to be composed or made up of
277. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
278. a man of pr_____ty *n.* a thing or things that belong to someone
279. cal_____or app *n.* a small electronic device for making arithmetic calculations
280. dead as___p *adj.* in a state of sleep
281. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
282. sy___l for happiness *n.* something visible that is used to represent something else

ANSWERS: 271. interpret, 272. straightforward, 273. evaporate, 274. touchy, 275. demonstration, 276. consist, 277. photosynthesis, 278. property, 279. calculator, 280. asleep, 281. computation, 282. symbol

283. witty p_n *n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
284. the imm_____ty of the soul *n.* the state or quality of being able to live or last forever
285. em_____ss my project *v.* to cause someone to feel awkward, worried, or ashamed
286. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
287. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
288. be___g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
289. record driving aut_____lly *adv.* without needing a direct human control
290. ca___l effect *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
291. an a__h-shaped stone structure *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
292. nontechnical as___ts of the job *n.* one part or feature of a situation, problem, subject, etc.
293. mys_____us stranger *adj.* difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

ANSWERS: 283. pun, 284. immortality, 285. embarrass, 286. fiber, 287. conscious, 288. belong, 289. automatically, 290. causal, 291. arch, 292. aspect, 293. mysterious

294. co____il of chemicals *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
295. as___e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
296. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
297. become ob____te *adj.* no longer in use or helpful because something newer or better has been invented and introduced
298. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
299. an ob____er in the region *n.* a person who watches or notices someone or something but has no active part in it
300. the a_c current *n.* the shape of a portion of a circle or other curved line
301. en____ng story *adj.* attracting, pleasant, or charming
302. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
303. an id_____al equation *adj.* being the exact same one
304. ne_____gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

ANSWERS: 294. cocktail, 295. assume, 296. demonstrate, 297. obsolete, 298. fiber, 299. observer, 300. arc, 301. engaging, 302. doubt, 303. identical, 304. neurology

305. the int_____ion of history *n.* an explanation or opinion of something, especially that is not immediately obvious
306. hea_____ty equipment *adj.* designed to withstand or endure rough, harsh, or intense use; made for heavy or strenuous work

ANSWERS: 305. interpretation, 306. heavy-duty

Session 3: Fill in the Blanks

1. The professor's research in _____ has led to groundbreaking discoveries in the field of brain science.
 - n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion

2. The public is _____ that the prime minister has committed fraud.
 - adj.* completely certain about something; having a strong belief or conviction in a particular religion

3. He _____ criticizes her in the publicity.
 - adv.* with awareness; in a deliberate manner

4. All the books in this section _____ to the library's rare collection and must be handled carefully.
 - v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

5. He is in the _____ of his life.
 - n.* the time in the evening at which the sun begins to fall below the horizon; (verb) to expire or be terminated automatically at the end of a fixed period

6. Her unconcealed _____ made us unpleasant.
 - n.* aggressive or unfriendly feelings or behavior

7. Infant formulas are nutritionally almost _____ to a mother's breast milk.
 - adj.* being the exact same one

ANSWERS: 1. neurobiology, 2. convinced, 3. consciously, 4. belong, 5. sunset, 6. hostility, 7. identical

8. A _____ star is a system in which two stars revolve around each other.
n. a system of numbers that uses only two digits, 0 and 1
9. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
10. The company's _____ to invest in new technology kept them from competing with other businesses.
n. a feeling of unwillingness or hesitation, especially when faced with a decision or undertaking
11. The _____ situation required careful handling to avoid further conflict.
adj. easily offended or upset, or sensitive
12. This examination _____ of five problems to solve.
v. to be composed or made up of
13. We have no intention of _____ his idea.
adj. competing, fighting, or working against each other
14. The doctor carefully examined the _____ medical history.
n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
15. Early childhood experiences are very _____ for people.
adj. having significant impact or power on someone or something

ANSWERS: 8. binary, 9. function, 10. reluctance, 11. touchy, 12. consists, 13. opposing, 14. patient's, 15. influential

16. He lay down and fell _____ immediately.

adj. in a state of sleep

17. The venom from the snake bite _____ his arm.

v. to cause a person or part of the body to become unable to move or feel

18. We need to _____ the next steps for the project during our meeting tomorrow.

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

19. He could no longer tell the difference between _____ and reality.

n. a false idea or belief, especially about somebody or about a situation

20. The defendant gave a _____ and accurate description of the accident.

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

21. The _____ of the sentence could have been clearer and easier to understand.

n. the branch of linguistics and logic concerned with meaning

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

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

23. A rainbow is a natural _____.

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

24. The _____ bears the weight of the overhead bridge.

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

ANSWERS: 16. asleep, 17. paralyzed, 18. discuss, 19. illusion, 20. straightforward, 21. semantics, 22. fiber, 23. phenomenon, 24. arch

25. The _____ meaning behind his words was clear, even though he did not explicitly say it.

adj. suggested but not directly expressed

26. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

27. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

28. Low levels of _____ have been linked to symptoms of Alzheimer's disease.

n. a neurotransmitter chemical that is involved in the transmission of signals between nerve cells and the activation of muscle cells, which plays an important role in the functioning of the nervous system and in generating movement and behavior in animals

29. Overeating can lead to discomfort and slower _____.

n. the process of breaking down food in the body into smaller, more usable components, typically involving enzymes and other bodily processes; the process of assimilating, understanding, or absorbing information or ideas

30. The _____ beauty of the painting was immediately apparent to all who viewed it.

adj. belonging naturally; essential

31. He quickly learned the military _____.

n. the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence

ANSWERS: 25. implicit, 26. obvious, 27. feat, 28. acetylcholine, 29. digestion, 30. intrinsic, 31. discipline

32. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
33. Some people believe in the _____ of plants.
n. the quality or state of being able to experience feelings or become aware or conscious of something
34. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
35. The sudden policy change has caused _____ among employees.
n. the state of being mixed up or unclear, or the state of disorder or uncertainty
36. Do you have a plan for a long _____
n. a period in which someone does not have to attend work or school and is free to do whatever they choose, such as travel or leisure
37. He became _____ that he was being followed.
adj. being aware of and able to respond to what is happening around you
38. The attack on the country _____ the relatively peaceful.
v. to bring to an end or stop
39. I can't see any _____ between these two concepts.
n. a difference or contrast between similar things or people
40. A ball flew in a big _____.
n. the shape of a portion of a circle or other curved line

ANSWERS: 32. digital, 33. sentience, 34. analyze, 35. confusion, 36. vacation?, 37. conscious, 38. terminated, 39. distinction, 40. arc

41. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
42. She was disbarred for her _____ in fraud.
adj. attracting, pleasant, or charming
43. According to the theory of relativity, time is different for each _____.
n. a person who watches or notices someone or something but has no active part in it
44. The dog jumped _____ to one side.
adv. in a way that demonstrates intelligence or ability
45. The researchers used a _____ approach to analyze their findings.
adj. relating to or involving qualities, such as properties, characteristics, or features, rather than quantities or numbers, often used to describe research or analysis that focuses on subjective or non-measurable factors
46. The sun will _____ the mist.
v. to turn a liquid into a gas; to become less intense and disappear gradually
47. He stood to inherit a million-dollar _____.
n. a thing or things that belong to someone
48. New technology has rendered my old smartphone _____.
adj. no longer in use or helpful because something newer or better has been invented and introduced
49. He believed that the complexity of human emotions was _____ to simple explanations or formulas.
adj. impossible to reduce or simplify to a simpler form or substance; essential or fundamental to the nature of something

ANSWERS: 41. sights, 42. engaging, 43. observer, 44. cleverly, 45. qualitative, 46. evaporate, 47. property, 48. obsolete, 49. irreducible

50. The instructor will provide a glossary of commonly used _____ at the beginning of the course.
- n.* the special words or phrases that are used within a particular field or subject; the language or jargon of a particular group or profession
51. 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
52. After a long day of work, he fell into a deep, _____ sleep.
- adj.* without dreams or dreaming; not characterized by or associated with dreams
53. An intelligent battery has a voltage monitoring _____.
- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
54. This laptop has a _____ processor, making it fast and efficient.
- adj.* having two parts, aspects, or elements
55. To advance this discussion, we must _____ "success" rigorously.
- v.* to state or explain precisely the nature, scope, or meaning of something
56. Thousands of people attended the protest _____ against the proposed policy.
- n.* a display or show, often of a particular skill or product, intended to convince or persuade others
57. We _____ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

ANSWERS: 50. terminology, 51. constructs, 52. dreamless, 53. circuit, 54. dual-core, 55. define, 56. demonstration, 57. strike

58. The mouse and keyboard are essential _____ for operating a PC.
- n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
59. How can you _____ that the earth is a sphere?
- v.* to display something or give an exhibition to an interested audience
60. The company's poor financial performance is likely to _____ the CEO's chances of being re-elected to the board.
- v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
61. The sponge takes up the _____ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
62. The condition of that old house was _____.
- adj.* causing horror or shock; deeply disturbing or offensive; extremely bad or unpleasant
63. Many people believe in the concept of _____ and an afterlife.
- n.* the state or quality of being able to live or last forever
64. The following example _____ that the capacity of each battery is the same.
- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
65. The federal _____ is planning to increase taxes for the next fiscal year.
- n.* the group of people with authority to control a country or state

ANSWERS: 58. hardware, 59. demonstrate, 60. damn, 61. liquid, 62. appalling, 63. immortality, 64. assumes, 65. government

66. Is this painting _____ or forged?

adj. real and exactly; not pretended; sincerely felt or expressed

67. Using proper _____ is essential for writing a good essay.

n. the words used by a language, group, or individual; the knowledge and understanding of words and their meanings that a person possesses

68. He wants to _____ ownership of the abandoned property.

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

69. In _____ private corporations provide healthcare services.

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

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

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

71. The older man _____ from arthritis and finds it difficult to move around.

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

72. I'm strongly _____ to that plan.

adj. being completely different from something or disagreeing strongly with something

73. The _____ disappearance of the ship remains unsolved.

adj. difficult to understand, explain, or identify; having an aura of secrecy, intrigue, or puzzlement

ANSWERS: 66. genuine, 67. vocabulary, 68. claim, 69. addition, 70. algorithm, 71. suffers, 72. opposed, 73. mysterious

74. If you don't get a good night's sleep, you will become a _____ at work.
n. a dead body that has been brought back to life by a supernatural force; someone who acts or responds in a mechanical or apathetic way
75. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities
76. The meditation class was focused on finding inner peace and cultivating a more _____ connection with the universe.
adj. relating to or affecting the human spirit or soul as opposed to material or physical things
77. 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
78. Despite the setbacks, he remained _____ in his pursuit of his dreams.
adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
79. The view from the top of the mountain was _____.
adj. causing wonder or astonishment; excellent
80. Their _____ strictly prohibits them from drinking or gambling.
n. a deep conviction in a supernatural power that controls human destiny
81. Your _____ is capable of distinguishing among similar objects.
n. the ability to think logically and comprehend information, especially at an advanced level

ANSWERS: 74. zombie, 75. combination, 76. spiritual, 77. neuron, 78. persistent, 79. marvelous, 80. religion, 81. intellect

82. He collected data to avoid _____ decisions.
adj. based on chance, or individual whim rather than any reason
83. The _____ of water is called ice.
adj. hard or firm; characterized by good substantial quality
84. Her response revealed _____ idiocy.
adj. unbelievable; enormous
85. He suffers from _____ breakdowns.
adj. worried and anxious about something; relating to the nerves
86. We invited some friends for a _____ party.
n. a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
87. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
88. The comedian's ____ had the audience laughing out loud.
n. a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
89. 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: 82. arbitrary, 83. solid-state, 84. incredible, 85. nervous, 86. cocktail, 87. sequence, 88. pun, 89. process

90. The latest experimental results have _____ the previous speculation.
v. to say or prove that something is wrong or false
91. Her constant complaining about the weather started to _____ everyone around her.
v. to irritate or annoy someone intensely; to provoke or aggravate someone to the point of exasperation, frustration, or fury
92. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
93. He looked for an opportunity to _____ that actor in public.
v. to cause someone to feel awkward, worried, or ashamed
94. Some herds have been observed to _____ hundreds of kilometers.
v. to make or be capable of making anything longer or broader without hurting or breaking
95. Our subscription plan is _____ renewed.
adv. without needing a direct human control
96. 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
97. He was _____ many times with scissors.
v. to cause harm with a sharp, pointed object, such as a knife

ANSWERS: 90. refuted, 91. exasperate, 92. decision, 93. embarrass, 94. stretch, 95. automatically, 96. brain, 97. stabbed

98. It's just _____ to check the oil level in your car regularly.
n. practical intelligence and judgment that is typically developed through experience and not necessarily through formal education
99. Gandhi had an _____ zeal for nonviolence.
adj. perfect or complete or to the most considerable degree possible
100. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
101. I know his _____ habit that he touches his face when he lies.
adj. in the state of lacking awareness and the capacity for sensory perception, especially as the result of a head injury or illness
102. Its _____ brothers are difficult to tell apart except for their parents.
n. either of two children born at the same time from the same mother
103. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
104. Shakespeare's output of poetry was _____.
adj. extremely large or great
105. Please tell me how to _____ this computer.
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
106. 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

ANSWERS: 98. common-sense, 99. absolute, 100. aspects, 101. unconscious, 102. twin, 103. cortex, 104. enormous, 105. manipulate, 106. argument

107. They had to _____ the boat out of the water for repairs.

v. to physically drag or pull someone or something with effort

108. The company's _____ in the market was expanding to new territories.

n. a specific sphere of influence or control; a specific field of knowledge or expertise

109. We must _____ ourselves of pollution.

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

110. You can _____ the font color by clicking the Color tab.

v. to explain or state something clearly and exactly

111. There is nothing more valuable than _____ and freedom.

n. freedom from another's or others' control or influence

112. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.

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

113. In _____ plants use carbon dioxide to feed themselves.

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

114. The _____ of audit formally issued a business improvement order.

n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

ANSWERS: 107. haul, 108. domain, 109. rid, 110. specify, 111. independence, 112. motors, 113. photosynthesis, 114. machinery

115. She was mesmerized by the _____ colors.
- n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
116. 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
117. He placed the coins in a ____ to save for a trip.
- n.* a cylindrical container, typically made of glass, metal, or pottery, with a wide mouth and a screwed or sealed lid, used for storing food, liquids, and other materials
118. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
119. Different people might _____ this news differently.
- v.* to explain or assign the meaning of information, actions, etc.
120. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together
121. His _____ of literary works are often unique.
- n.* an explanation or opinion of something, especially that is not immediately obvious
122. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things

ANSWERS: 115. rainbow's, 116. ion, 117. jar, 118. traits, 119. interpret, 120. bunch, 121. interpretations, 122. biology

123. 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
124. The error in the _____ was attributable to rounding.
n. the act or process of using numbers to judge an amount of something
125. The _____ force of the black hole was so strong that nothing, not even light, could escape.
adj. relating to or caused by gravity (= the force that attracts objects towards one another)
126. Parallel lines are, by _____ lines on the same plane that never cross.
n. a concise explanation of the meaning of a word, phrase, or symbol
127. I left my alpha _____ at home, so I had to borrow one from a classmate to finish my math homework.
n. a small electronic device for making arithmetic calculations
128. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
129. The doctor advised him to manage his _____ as stress could exacerbate his medical condition.
n. a feeling of restlessness or irritation caused by a desire for something to happen or be done more quickly; lack of patience
130. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.
n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 123. molecule, 124. calculation, 125. gravitational, 126. definition, 127. calculator, 128. tradition, 129. impatience, 130. computation

131. The study aimed to establish a _____ relationship between smoking and lung cancer.
adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
132. She is studying clinical _____ to become a brain surgeon.
n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
133. Let's investigate the _____ of Latin.
n. the grammatical order or rule of words in a sentence
134. I have a _____ ache after overeating junk food.
n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
135. Ethics is a branch of _____.
n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
136. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
137. The _____ truck towed the broken-down car to the garage.
adj. designed to withstand or endure rough, harsh, or intense use; made for heavy or strenuous work
138. Chromosomes condense and align at the center of the cell during the metaphase of _____.
n. a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell

ANSWERS: 131. causal, 132. neurology, 133. syntax, 134. stomach, 135. philosophy, 136. progression, 137. heavy-duty, 138. mitosis

139. She felt an instant _____ toward him.

n. a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

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

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

141. The leaders of the two countries met to _____ on the issue.

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

142. The outermost _____ shell determines the chemical properties of an atom.

n. a tiny particle with the negative electrical charge

143. The cancellation of the concert was a huge _____ for the fans.

n. the feeling of sadness, frustration, or dissatisfaction that arises when something does not live up to one's expectations or hopes

144. _____ is the start, not the end, of intelligence.

n. a feeling of being uncertain about something, especially about how good or accurate it is

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

adj. considered and evaluated through comparison with something else

146. 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

ANSWERS: 139. attraction, 140. stable, 141. confer, 142. electron, 143. disappointment, 144. Doubt, 145. relatives, 146. decide

147. The former emperor had a particular _____ even after he abdicated.

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

148. The _____ of people who do not own property is politically impotent.

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

149. She falls over _____ when she sees her mother-in-law.

adv. at, to, or toward the direction or place that is behind or rear

150. We are developing a technology to promote the elongation and regeneration of sensory nerve _____.

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

151. He _____ his health to make the project a success.

v. to not give enough care or attention to something; to leave something undone

152. She _____ the ketchup onto her fries before taking a bite.

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

153. The dragon is considered a _____ of bravery.

n. something visible that is used to represent something else

ANSWERS: 147. influence, 148. mass, 149. backward, 150. axons, 151. neglected, 152. squirted, 153. symbol