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David Camarillo: Why helmets don't prevent concussions -- and what might | TED Talk

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

All Words

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Session 1: Word List

concussion

n. a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event

synonym : shock, trauma, head injury

(1) **concussion** symptoms, (2) **concussion** resistance

The football player suffered a **concussion** after being tackled during the game.

evoke

v. to bring or recall a feeling, memory, or image into your mind

synonym : arouse, raise, inspire

(1) **evoke** a sense of awe, (2) **evoke** sympathy

This movie is likely to **evoke** strong emotions in the viewer.

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.

accident

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

synonym: calamity, casualty, chance

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

The **accident** partially destroyed my vehicle.

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.

dementia

n. a severe decline in cognitive function, especially memory, as a result of disease or injury

synonym: cognitive decline, memory loss, Alzheimer's disease

(1) **dementia** patients, (2) probably have **dementia**

The study found that regular exercise can help to prevent the onset of **dementia** in older age.

Alzheimer

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

synonym: dementia, memory loss, cognitive decline

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

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

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym: established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

traumatic

adj. relating to or caused by injury, especially emotional injury

synonym : distressing

(1) **traumatic** event, (2) **traumatic** brain injury

The experience was so **traumatic** that it left a lasting impact on the survivor's mental health.

encephalopathy

n. disease or damage to the brain that disrupts the normal functioning of the brain, which cause a wide range of symptoms, including memory loss, confusion, seizures, and decreased cognitive abilities

synonym : brain disease, brain damage, neurological disorder

(1) hepatic **encephalopathy**, (2) acute **encephalopathy**

A severe case of **encephalopathy** left the patient with permanent brain damage.

blacksmith

n. a smith who forges and shapes iron with a hammer and anvil

(1) **blacksmith** welding, (2) **blacksmith** shop

The **blacksmith** shaped a horseshoe on his anvil.

military

adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare

synonym : armed, martial, warlike

(1) a **military** operation, (2) a **military** leader

The **military** academy was known for its strict discipline and training.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym : connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

helmet

n. a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress

synonym: headgear, head protector, safety hat

(1) **helmet** size, (2) safety **helmet**

The worker survived the impact because they were wearing sturdy **helmets**.

skull

n. a bone framework that surrounds the brain and gives the head its shape

synonym: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

fracture

n. the breaking or cracking of a rigid material or object such as bone

synonym: break, crack, rupture

(1) **fracture** test, (2) risk of bone **fractures**

X-ray inspection revealed many **fractures**.

confidence

n. the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something

synonym: self-trust, certainty, belief

(1) **confidence** as a teacher, (2) boost my **confidence**

Skill and **confidence** are an unconquered army.

lens

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

synonym: glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

lab

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

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

mystery

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

synonym: enigma, puzzle, secret

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

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

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

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**.

lag

v. to move or develop so slowly that you are behind other people, organizations, etc.

synonym: delay, slow down, fall behind

(1) **lag** a long way behind the progress, (2) **lag** behind its

competition

Our interest began to **lag** sharply.

smashing

adj. very successful or impressive; causing something to be broken or destroyed

synonym : great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results

The band's new album was a **smashing** success, reaching the top of the charts.

rebound

v. to spring back into a former shape or position after being compressed or stretched

synonym : spring back, resile, recover

(1) **rebound** from a setback, (2) **rebound** back into positive growth

The basketball bounced off the rim and **rebounded** to the player.

proceeds

n. the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser

synonym : earnings, profits, income

(1) **proceeds** of a sale, (2) criminal **proceeds**

The **proceeds** from the charity auction will go towards building a school in a developing country.

highlight

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

synonym : feature, emphasize, stress

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

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

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing
The break in the **dam** threatened the valley.

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

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.

indicative

adj. serving as a sign or indication of something; expressing or showing something directly; characteristic of a particular group or situation

synonym: suggestive, telltale, revelatory

(1) **indicative** mood, (2) **indicative** sign

The company's profits were **indicative** of its successful business strategy.

dynamics

n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

synonym: mechanics, kinetics, kinematics

(1) **dynamics** of group, (2) **dynamics** of economy

The relationship **dynamics** between the two countries were complex and constantly changing.

oscillate

v. to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive

synonym: fluctuate, swing, vibrate

(1) **oscillate** back and forth, (2) **oscillate** between joy and anger

The fan in the room **oscillates**, making the airflow more evenly.

vault

n. a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly

synonym: safe, strongbox, coffer

(1) **vault** door, (2) **vault** from five to fifty percent

The government **vault** contains top-secret documents and classified information that only a few individuals can access.

entirely

adv. completely

synonym: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

cerebral

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

synonym: brain, mental, intellectual

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

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

spinal

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

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

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

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

rigid

adj. extremely strict and difficult to change or adapt;
incapable of or resistant to bending

synonym: strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym: essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

twist

v. to bend or turn something into a certain shape

synonym: wrench, turn, twirl

(1) **twist** around to the left, (2) **twist** a wet towel

He **twisted** pieces of rope out of straw.

contort

v. to (cause something to) twist and press out of its natural or normal shape

synonym: deform, disfigure, distort

(1) **contort** my limbs, (2) **contort** the face

He **contorted** his smile with anger coming from his gut.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

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.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

device

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

synonym: gadget, instrument, tool

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

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

accelerometer

n. a device that measures acceleration or changes in motion, typically used in aerospace, automotive, and other engineering applications to monitor and control movement or to measure things like speed or vibration

synonym: sensor, g-sensor, gravimeter

(1) **accelerometer** reading, (2) high-precision **accelerometer**

The phone's **accelerometer** measures its movement and orientation in three-dimensional space.

gyroscope

n. a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems

synonym: gyro, stabilizer, compass

(1) **gyroscope** sensor, (2) inertial navigation **gyroscope**

The **gyroscope** in the spacecraft helps to stabilize its orientation during the mission.

principle

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

synonym: rule, creed, code

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

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

precise

adj. sharply exact or accurate or delimited

synonym: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

reliable

adj. worthy of being relied on; trustworthy

synonym: dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

cadaver

n. a dead body, especially one used for scientific study or medical research

synonym: corpse, body, remains

(1) **cadaver** lab, (2) **cadaver** donor

The hospital received a donation of **cadavers** for their research program.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym: unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

basis

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

synonym: foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation
This evidence will form the **basis** for our discussion.

sustain

v. to supply enough of what somebody or something needs to survive or exist; to accept as valid

synonym: maintain, nurture, support

(1) **sustain** a good relationship with him, (2) **sustain** a wellness lifestyle

She struggled to **sustain** the children's reading habits.

laboratory

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

synonym: lab, workshop, testing room

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

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

rotation

n. the action or process of moving in a circle around an axis or center

synonym: revolution, spin, turning

(1) job **rotation**, (2) a period of **rotation**

The **rotation** of the Earth causes day and night.

critic

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

synonym: pundit, analyst, attacker

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

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

announcer

n. a person who introduces and speaks on television or radio programs or provides commentary or information at a live event

synonym: emcee, broadcaster, commentator

(1) public address **announcer**, (2) radio **announcer**

The sports **announcer** provided live commentary during the

game.

cougar

n. a large predatory feline animal, also known as a mountain lion or puma, which is native to the Americas; an older woman who pursues sexual or romantic relationships with much younger men

synonym: puma, catamount, panther

(1) **cougar** lift, (2) the **cougar's** ex-husband

We saw a large **cougar** as we hiked through the mountains.

crush

v. to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

synonym: destroy, demolish, pulverize

(1) **crush** coffee beans, (2) **crush** a revolt

The car was completely **crushed** in the accident.

roar

v. to make a loud, deep sound, like a lion or a car engine

synonym: bellow, yell, shout

(1) **roar** with laughter, (2) **roar** for more

The lion **roared** loudly, signaling its dominance over the other animals.

separate

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

synonym: disunite, isolate, ramify

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

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

excessive

adj. greater than what seems necessary, normal, or desirable

synonym: unreasonable, exorbitant, inflated

(1) an **excessive** force, (2) take **excessive** care

It would be best if you did not demand such an **excessive** charge.

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym : excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

mask

v. to conceal something; (noun) a covering that you wear over your face to hide it

synonym : disguise, camouflage, conceal

(1) **mask** body odor, (2) an oxygen **mask**

The politician tried to **mask** the corruption.

counterintuitive

adj. contrary to what common sense would suggest

synonym : unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

rot

v. to decay, or cause something to decay, naturally and gradually

synonym : perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

compress

v. to press or squeeze together to make something take up less space

synonym : condense, constrict, squeeze

(1) **compress** the chest, (2) **compress** gas

She **compressed** the files into a single ZIP archive to save space on her computer.

whip

v. to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.

synonym : thrash, flog, scourge

(1) **whip** egg whites, (2) **whip** into shape

The jockey **whipped** the horse hard to take first place.

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**.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

develop

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

synonym: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

finite

adj. having a limit or restriction of size, time, etc.

synonym: delimited, defined, limited

(1) **finite** resources, (2) **finite** decimal

Human beings have a **finite** lifespan, so we yearn for the idea of immortality.

cross-section

n. a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior

synonym : section, segment, slice

(1) **cross-section** diagram, (2) **cross-section** view

The **cross-section** of the tree trunk showed its growth rings.

mention

v. to speak or write about something or someone briefly

synonym : reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

spot

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

synonym : dot, mark, place

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

This remote **spot** is rarely visited.

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**.

exterior

adj. situated in or suitable for the outdoors or outside of something

synonym : external, outward, outer

(1) glass **exterior**, (2) new **exterior** design

Four **exterior** walls surround the courtyard.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym : watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace

to prevent accidents.

lobe

n. a rounded projection or division, especially of the brain, lung, or liver

synonym: part, section, division

(1) **lobe** of the liver, (2) frontal **lobe**

The lungs are divided into five **lobes**.

fissure

n. a narrow opening or crack, especially in a rock or other hard substance; a division or splitting within a group or organization

synonym: crack, crevice, gap

(1) pulmonary **fissure**, (2) **fissure** in the relationship

The **fissure** in the rock was too narrow to squeeze through.

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.

stiff

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

synonym: rigid, inflexible, unbending

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

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

transmit

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

synonym: convey, share, dispatch

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

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

bundle

n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or

parcel of things

synonym : package, parcel, bale

(1) **bundle** of papers, (2) travel **bundle**

I tied up the **bundle** of newspapers and took them to the recycling center.

corpus

n. a collection of texts or documents, usually used in research or analysis

synonym : collection, body, compilation

(1) **corpus** callous, (2) written **corpus**

The **corpus** of ancient Greek literature includes many famous works.

callosum

n. a large bundle of nerve fibers that connects the two hemispheres of the brain

(1) removal of the corpus **callosum**, (2) corpus **callosum** fiber

The corpus **callosum** is essential for coordinating the functions of the two hemispheres.

dissociation

n. the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms

synonym : separation, detachment, disconnection

(1) trauma-related **dissociation**, (2) **dissociation** reaction

His **dissociation** from his emotions made him distant and unresponsive.

symptom

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

synonym : sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

consistent

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

synonym : coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym : illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

professional

adj. having or showing the skill appropriate to a particular job; competent or skillful

synonym : skilled, competent, accomplished

(1) **professional** athlete, (2) certified **professional** secretary

He has a **professional** demeanor and always presents himself in a polished manner.

norm

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

synonym : criterion, mean, standard

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

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

greatly

adv. to an extraordinary extent or degree; very much

synonym : enormously, broadly, grandly

(1) **greatly** affect the situation, (2) **greatly** support that player

They **greatly** admired our actions.

atrophy

n. a decrease in size of a muscle, organ, etc., caused by disease or disuse

synonym : disintegration, degeneration, wasting away

(1) weakness with **atrophy**, (2) **atrophy** of the muscles
Daily exercise and adequate sleep are necessary to prevent the progression of **atrophy**.

ventricle

n. a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

synonym: chamber, pumping heart muscle

(1) left **ventricle**, (2) **ventricle** in the brain

The heart's **ventricles** are responsible for pumping blood out to the body.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

transmission

n. the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

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.

synchronous

adj. occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized

synonym: simultaneous, concurrent, parallel

(1) **synchronous** communication, (2) **synchronous** learning

The group of performers perfectly executed the **synchronous** dance routine.

gigantic

adj. extremely large

synonym: huge, enormous, immense

(1) **gigantic** proportions, (2) **gigantic** monsters

He was so hungry from the long journey that he had a **gigantic** appetite.

bubble

n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

synonym: blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym: applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

stuntman

n. a professional performer who performs dangerous and often physically demanding tasks or stunts in place of an actor in a film or television show

synonym: stunt double, body double, stand-in

(1) **stuntman** performance, (2) skilled **stuntman**

The professional **stuntman** jumped from the burning building and landed safely on the airbag below.

collar

n. a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something

synonym : band, neckband

(1) **collar** of a shirt, (2) **collar** of a dog

He put on his **collar** and tie before leaving for work.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

airbag

n. a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

synonym : air cushion, safety bag, crash bag

(1) defective **airbag**, (2) **airbag** deployment

The **airbag** system in the car saved the driver's life in a severe crash.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym : detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym : activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different

scenarios

The president prepared several possible **scenarios** for an enemy attack.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

commission

n. a formal instruction, command, or request given to a person or group; an official group of people entrusted by a government or other official body to control or enforce something

synonym: task, duty, authority

(1) **commission** appointed by the government, (2) the

commission of murder

She gets a **commission** on each contract.

jurisdiction

n. the extent or range of authority, power, or control exercised by a particular entity or organization, such as a government or court; the area within which such authority or control is exercised

synonym: power, authority, control

(1) local **jurisdiction**, (2) limited **jurisdiction**

The case fell under the **jurisdiction** of the state court system.

approve

v. to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

synonym : accept, authorize, agree

(1) **approve** a measures, (2) unanimously **approve** a resolution

My boss wouldn't **approve** of the plan.

sufficient

adj. adequate; enough for a particular purpose or requirement

synonym : acceptable, ample, satisfactory

(1) **sufficient** time, (2) self- **sufficient** economy

That candidate does not have **sufficient** means to win an election with certainty.

evaluate

v. to assess or estimate the quality, significance, quantity, or value of something

synonym : assess, estimate, consider

(1) **evaluate** the grant proposal, (2) **evaluate** a situation

The meeting aims to **evaluate** possible choices.

similarly

adv. in almost the same way

synonym : also, likewise, ditto

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

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

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.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym: unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to insecticides.

encourage

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

synonym: facilitate, persuade, stimulate

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

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

innovation

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

synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

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.

optimal

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

synonym: optimum, desirable, favorable

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

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

confident

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

synonym : certain, sure, convinced

(1) feel **confident**, (2) a **confident** remark

I'm not **confident** in our victory.

comply

v. to obey an order, set of rules, or request

synonym : follow, abide by, adhere to

(1) **comply** with a code, (2) fully **comply** with all laws

The public schools **comply** with federal standards.

immediate

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

synonym : prompt, quick, instantaneous

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

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

grandparent

n. a parent of one's father or mother

(1) great- **grandparent**, (2) person of **grandparent** age

She was close to her paternal **grandparents** and often spent summers with them.

engage

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

synonym : confront, employ, amuse

(1) **engage** in environmental protection activities,

(2) **engage** a new employee

Many multinational companies are **engaged** in the reconstruction of that country.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

Session 2: Spelling

1. achieve op_____l health *adj.* the best; most likely to be successful or advantageous
2. fl__d assets *n.* a substance that can flow and is not solid
3. safety he___t *n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress
4. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
5. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
6. frontal l__e *n.* a rounded projection or division, especially of the brain, lung, or liver
7. ca_____r donor *n.* a dead body, especially one used for scientific study or medical research
8. ex_____ng football player *adj.* causing a lot of interest or excitement
9. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
10. su_____n a good relationship with him *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid

ANSWERS: 1. optimal, 2. fluid, 3. helmet, 4. separate, 5. rev, 6. lobe, 7. cadaver, 8. exciting, 9. relate, 10. sustain

- | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11. ex_____e in popularity | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open |
| 12. tr_____ic event | <i>adj.</i> relating to or caused by injury, especially emotional injury |
| 13. an oxygen m__k | <i>v.</i> to conceal something; (noun) a covering that you wear over your face to hide it |
| 14. cultural n__m | <i>n.</i> something that is regarded as usual, typical, or standard |
| 15. hi_____ht an important difference | <i>v.</i> to make something prominent, mainly so that people give it more attention |
| 16. en___e in environmental protection activities | <i>v.</i> to attract and keep someone's attention and interest; to participate in or obtain services of something |
| 17. en_____ge antisocial behavior | <i>v.</i> to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do |
| 18. os_____te back and forth | <i>v.</i> to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive |
| 19. defective ai___g | <i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death |
| 20. cou_____ive behavior | <i>adj.</i> contrary to what common sense would suggest |

ANSWERS: 11. explode, 12. traumatic, 13. mask, 14. norm, 15. highlight, 16. engage, 17. encourage, 18. oscillate, 19. airbag, 20. counterintuitive

21. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
22. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
23. ev__e sympathy *v.* to bring or recall a feeling, memory, or image into your mind
24. written co____s *n.* a collection of texts or documents, usually used in research or analysis
25. give sm_____ng results *adj.* very successful or impressive; causing something to be broken or destroyed
26. self-suf_____nt economy *adj.* adequate; enough for a particular purpose or requirement
27. pr_____al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
28. acc_____ter reading *n.* a device that measures acceleration or changes in motion, typically used in aerospace, automotive, and other engineering applications to monitor and control movement or to measure things like speed or vibration
29. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
30. new ex_____or design *adj.* situated in or suitable for the outdoors or outside of something

ANSWERS: 21. substance, 22. mechanism, 23. evoke, 24. corpus, 25. smashing, 26. sufficient, 27. practical, 28. accelerometer, 29. detect, 30. exterior

31. st__f penalty *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
32. n__m of action *n.* something that is regarded as usual, typical, or standard
33. pro_____nal athlete *adj.* having or showing the skill appropriate to a particular job; competent or skillful
34. st__f muscles *adj.* not easily bent, flexible, or pliable; difficult to move or be maneuvered; difficult to relax; having a heavy or formal manner
35. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
36. gain pr_____al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
37. weakness with at_____y *n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse
38. gi_____ic monsters *adj.* extremely large
39. ind_____us student *adj.* hardworking, diligent, and persistent in effort
40. ce_____al cortex *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
41. fi_____e in the relationship *n.* a narrow opening or crack, especially in a rock or other hard substance; a division or splitting within a group or organization

ANSWERS: 31. stiff, 32. norm, 33. professional, 34. stiff, 35. experiment, 36. practical, 37. atrophy, 38. gigantic, 39. industrious, 40. cerebral, 41. fissure

42. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
43. co_____t the face *v.* to (cause something to) twist and press out of its natural or normal shape
44. w__p egg whites *v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
45. re_____ve factors *adj.* considered and evaluated through comparison with something else
46. su___r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
47. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
48. have si_____ly great abilities *adv.* in almost the same way
49. gy_____pe sensor *n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
50. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
51. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 42. rev, 43. contort, 44. whip, 45. relative, 46. suffer, 47. rot, 48. similarly, 49. gyroscope, 50. define, 51. observe

52. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
53. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
54. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
55. op_____l for intellectual growth *adj.* the best; most likely to be successful or advantageous
56. cr__h a revolt *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
57. en_____ly satisfied with the meal *adv.* completely
58. en___e a new employee *v.* to attract and keep someone's attention and interest; to participate in or obtain services of something
59. con_____ce as a teacher *n.* the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something
60. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
61. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 52. define, 53. consume, 54. device, 55. optimal, 56. crush, 57. entirely, 58. engage, 59. confidence, 60. extract, 61. tissue

62. re___e a story
63. the co___r's ex-husband
64. unsolved my_____y
65. get ne_____s
66. the com_____on of murder
67. an ex_____ve force
68. anthropology lab_____ry
69. my_____y novel
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
- n.* a large predatory feline animal, also known as a mountain lion or puma, which is native to the Americas; an older woman who pursues sexual or romantic relationships with much younger men
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
- adj.* worried and anxious about something; relating to the nerves
- n.* a formal instruction, command, or request given to a person or group; an official group of people entrusted by a government or other official body to control or enforce something
- adj.* greater than what seems necessary, normal, or desirable
- n.* a workplace for doing scientific research or teaching science; a lab
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

ANSWERS: 62. relate, 63. cougar, 64. mystery, 65. nervous, 66. commission, 67. excessive, 68. laboratory, 69. mystery

70. en_____ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
71. si_____ly situated *adv.* in almost the same way
72. ri__d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
73. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
74. ind_____ve sign *adj.* serving as a sign or indication of something; expressing or showing something directly; characteristic of a particular group or situation
75. co___r of a shirt *n.* a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something
76. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
77. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
78. take im_____te effect *adj.* happening or done without delay or occurring shortly after something else

ANSWERS: 70. encourage, 71. similarly, 72. rigid, 73. basis, 74. indicative, 75. collar, 76. Alzheimer, 77. rot, 78. immediate

79. con_____on symptoms *n.* a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event
80. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
81. ev_____te a situation *v.* to assess or estimate the quality, significance, quantity, or value of something
82. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
83. dis_____ion reaction *n.* the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms
84. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
85. pulmonary fi_____e *n.* a narrow opening or crack, especially in a rock or other hard substance; a division or splitting within a group or organization
86. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy
87. job ro_____on *n.* the action or process of moving in a circle around an axis or center
88. re_____d back into positive growth *v.* to spring back into a former shape or position after being compressed or stretched

ANSWERS: 79. concussion, 80. spot, 81. evaluate, 82. accident, 83. dissociation, 84. government, 85. fissure, 86. reliable, 87. rotation, 88. rebound

- | | |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 89. probably have de_____ia | <i>n.</i> a severe decline in cognitive function, especially memory, as a result of disease or injury |
| 90. cutting-edge inn_____on | <i>n.</i> the creation of a new device or process resulting from study and experimentation |
| 91. de___t a bad event | <i>v.</i> to find or recognize something, especially something difficult to see, hear, etc. |
| 92. co___s callous | <i>n.</i> a collection of texts or documents, usually used in research or analysis |
| 93. ap_____e a measures | <i>v.</i> to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc. |
| 94. as___ts of social, political, and economic life | <i>n.</i> one part or feature of a situation, problem, subject, etc. |
| 95. trauma-related dis_____ion | <i>n.</i> the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms |
| 96. bu___e in the champagne glass | <i>n.</i> a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses |
| 97. my vo_____er work | <i>n.</i> a person who performs or offers to perform a job or service without being paid for or forced to do |

ANSWERS: 89. dementia, 90. innovation, 91. detect, 92. corpus, 93. approve, 94. aspect, 95. dissociation, 96. bubble, 97. volunteer

98. ai___g deployment *n.* a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death
99. re_____d from a setback *v.* to spring back into a former shape or position after being compressed or stretched
100. fully co___y with all laws *v.* to obey an order, set of rules, or request
101. acute enc_____thy *n.* disease or damage to the brain that disrupts the normal functioning of the brain, which cause a wide range of symptoms, including memory loss, confusion, seizures, and decreased cognitive abilities
102. ri__d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
103. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
104. suf_____nt time *adj.* adequate; enough for a particular purpose or requirement
105. hepatic enc_____thy *n.* disease or damage to the brain that disrupts the normal functioning of the brain, which cause a wide range of symptoms, including memory loss, confusion, seizures, and decreased cognitive abilities
106. at_____y of the muscles *n.* a decrease in size of a muscle, organ, etc., caused by disease or disuse

ANSWERS: 98. airbag, 99. rebound, 100. comply, 101. encephalopathy, 102. rigid, 103. principle, 104. sufficient, 105. encephalopathy, 106. atrophy

107. bla_____th welding *n.* a smith who forges and shapes iron with a hammer and anvil
108. ess_____ly correct *adv.* relating to the essential features or concepts of anything
109. corpus ca_____um fiber *n.* a large bundle of nerve fibers that connects the two hemispheres of the brain
110. me_____n name *v.* to speak or write about something or someone briefly
111. 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
112. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
113. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
114. without in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
115. co_____ss the chest *v.* to press or squeeze together to make something take up less space
116. he was en_____ly to blame *adv.* completely
117. va__t from five to fifty percent *n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly

ANSWERS: 107. blacksmith, 108. essentially, 109. callosum, 110. mention, 111. strike, 112. strike, 113. consume, 114. injury, 115. compress, 116. entirely, 117. vault

118. tr____it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
119. tr_____ic brain injury *adj.* relating to or caused by injury, especially emotional injury
120. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
121. botanical ex____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
122. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
123. com_____on appointed by the government *n.* a formal instruction, command, or request given to a person or group; an official group of people entrusted by a government or other official body to control or enforce something
124. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
125. ind_____ve mood *adj.* serving as a sign or indication of something; expressing or showing something directly; characteristic of a particular group or situation
126. travel bu___e *n.* a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things

ANSWERS: 118. transmit, 119. traumatic, 120. fiber, 121. extract, 122. resistant, 123. commission, 124. critic, 125. indicative, 126. bundle

127. syn_____us communication *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
128. for spe_____lly American customers *adv.* only associated with or meant for one thing
129. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
130. unanimously ap_____e a resolution *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
131. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
132. skilled st_____an *n.* a professional performer who performs dangerous and often physically demanding tasks or stunts in place of an actor in a film or television show
133. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
134. m__k body odor *v.* to conceal something; (noun) a covering that you wear over your face to hide it
135. a sm_____ng blow *adj.* very successful or impressive; causing something to be broken or destroyed
136. certified pro_____nal secretary *adj.* having or showing the skill appropriate to a particular job; competent or skillful
137. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab

ANSWERS: 127. synchronous, 128. specifically, 129. principle, 130. approve, 131. lab, 132. stuntman, 133. spot, 134. mask, 135. smashing, 136. professional, 137. laboratory

138. ca____r lab *n.* a dead body, especially one used for scientific study or medical research
139. gi____ic proportions *adj.* extremely large
140. sk__l fracture *n.* a bone framework that surrounds the brain and gives the head its shape
141. the worst case sc____io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
142. designed spe_____lly for men *adv.* only associated with or meant for one thing
143. glass ex____or *adj.* situated in or suitable for the outdoors or outside of something
144. hi_____ht a string in red *v.* to make something prominent, mainly so that people give it more attention
145. great-gra_____nt *n.* a parent of one's father or mother
146. ve____le in the brain *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
147. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
148. va__t door *n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly
149. l_g a long way behind the progress *v.* to move or develop so slowly that you are behind other people, organizations, etc.

ANSWERS: 138. cadaver, 139. gigantic, 140. skull, 141. scenario, 142. specifically, 143. exterior, 144. highlight, 145. grandparent, 146. ventricle, 147. trigger, 148. vault, 149. lag

150. Al_____er's brain
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
151. less fo_____te person
adj. having good luck or lucky
152. public address an_____er
n. a person who introduces and speaks on television or radio programs or provides commentary or information at a live event
153. fi___e resources
adj. having a limit or restriction of size, time, etc.
154. natural phe_____on
n. something that exists and can be perceptible, especially one that is not fully understood
155. ch_____c alcohol consumption
adj. being long-lasting and recurrent or characterized by long suffering; habitual
156. col_____te with the police
v. to work with someone else to produce or achieve something
157. w__p into shape
v. to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
158. fr_____re test
n. the breaking or cracking of a rigid material or object such as bone
159. boost my con_____ce
n. the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something
160. seek vo_____ers
n. a person who performs or offers to perform a job or service without being paid for or forced to do

ANSWERS: 150. Alzheimer, 151. fortunate, 152. announcer, 153. finite, 154. phenomenon, 155. chronic, 156. collaborate, 157. whip, 158. fracture, 159. confidence, 160. volunteer

161. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
162. st____h a story *v.* to make or be capable of making anything longer or broader without hurting or breaking
163. risk of ch____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
164. criminal pr____ds *n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
165. co___y with a code *v.* to obey an order, set of rules, or request
166. dy____cs of economy *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
167. a mi____ry operation *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
168. an explosive su____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
169. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
170. ev____te the grant proposal *v.* to assess or estimate the quality, significance, quantity, or value of something

ANSWERS: 161. dam, 162. stretch, 163. chronic, 164. proceeds, 165. comply, 166. dynamics, 167. military, 168. substance, 169. spinal, 170. evaluate

171. fo_____te situation *adj.* having good luck or lucky
172. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
173. con_____on resistance *n.* a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event
174. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
175. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
176. co_____t my limbs *v.* to (cause something to) twist and press out of its natural or normal shape
177. a mi_____ry leader *adj.* relating to or characteristic of members of the armed forces; of or relating to war or warfare
178. r__r for more *v.* to make a loud, deep sound, like a lion or a car engine
179. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
180. ex_____ng news *adj.* causing a lot of interest or excitement

ANSWERS: 171. fortunate, 172. mechanism, 173. concussion, 174. critic, 175. disease, 176. contort, 177. military, 178. roar, 179. brain, 180. exciting

181. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
182. local jur_____ion *n.* the extent or range of authority, power, or control exercised by a particular entity or organization, such as a government or court; the area within which such authority or control is exercised
183. become ess_____ly same *adv.* relating to the essential features or concepts of anything
184. l_g behind its competition *v.* to move or develop so slowly that you are behind other people, organizations, etc.
185. ex_____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
186. co_____ss gas *v.* to press or squeeze together to make something take up less space
187. tra_____ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
188. pr_____e analyses *adj.* sharply exact or accurate or delimited
189. a l__s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

ANSWERS: 181. nervous, 182. jurisdiction, 183. essentially, 184. lag, 185. explode, 186. compress, 187. transmission, 188. precise, 189. lens

190. sy____ms of low testosterone *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
191. a convex l__s *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
192. plenty of fl__ds *n.* a substance that can flow and is not solid
193. cro_____ion diagram *n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
194. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
195. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
196. bu___e of papers *n.* a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
197. person of gra_____nt age *n.* a parent of one's father or mother

ANSWERS: 190. symptom, 191. lens, 192. fluid, 193. cross-section, 194. separate, 195. aspect, 196. bundle, 197. grandparent

198. col_____te on a press release *v.* to work with someone else to produce or achieve something
199. inertial navigation gy_____pe *n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
200. me_____n in a report *v.* to speak or write about something or someone briefly
201. de_____ia patients *n.* a severe decline in cognitive function, especially memory, as a result of disease or injury
202. take ex_____ve care *adj.* greater than what seems necessary, normal, or desirable
203. limited jur_____ion *n.* the extent or range of authority, power, or control exercised by a particular entity or organization, such as a government or court; the area within which such authority or control is exercised
204. a co_____nt remark *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
205. number of different sc_____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
206. loss of muscle ti_____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 198. collaborate, 199. gyroscope, 200. mention, 201. dementia, 202. excessive, 203. jurisdiction, 204. confident, 205. scenario, 206. tissue

207. he___t size *n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress
208. tw__t around to the left *v.* to bend or turn something into a certain shape
209. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
210. gr_____y affect the situation *adv.* to an extraordinary extent or degree; very much
211. co___r of a dog *n.* a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something
212. cause an ac_____nt *n.* an unfortunate event, especially one causing damage or injury
213. gov_____nt funding *n.* the group of people with authority to control a country or state
214. re_____le access *adj.* worthy of being relied on; trustworthy
215. a remote re_____ve *adj.* considered and evaluated through comparison with something else
216. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
217. the tra_____ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

ANSWERS: 207. helmet, 208. twist, 209. industrious, 210. greatly, 211. collar, 212. accident, 213. government, 214. reliable, 215. relative, 216. basis, 217. transmission

218. ce____al palsy *adj.* relating to the brain or intellect; intellectual or studious rather than emotional or physical
219. bla_____th shop *n.* a smith who forges and shapes iron with a hammer and anvil
220. tw__t a wet towel *v.* to bend or turn something into a certain shape
221. cou_____ive results *adj.* contrary to what common sense would suggest
222. st____h along the coast *v.* to make or be capable of making anything longer or broader without hurting or breaking
223. l__e of the liver *n.* a rounded projection or division, especially of the brain, lung, or liver
224. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
225. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
226. dy_____cs of group *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
227. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 218. cerebral, 219. blacksmith, 220. twist, 221. counterintuitive, 222. stretch, 223. lobe, 224. experiment, 225. device, 226. dynamics, 227. develop

228. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
229. the im_____te past *adj.* happening or done without delay or occurring shortly after something else
230. neurotic sy_____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
231. tr_____it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
232. have a thick sk__l *n.* a bone framework that surrounds the brain and gives the head its shape
233. st_____an performance *n.* a professional performer who performs dangerous and often physically demanding tasks or stunts in place of an actor in a film or television show
234. co____r lift *n.* a large predatory feline animal, also known as a mountain lion or puma, which is native to the Americas; an older woman who pursues sexual or romantic relationships with much younger men
235. do on a con_____nt basis *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
236. historical phe_____on *n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 228. disease, 229. immediate, 230. symptom, 231. transmit, 232. skull, 233. stuntman, 234. cougar, 235. consistent, 236. phenomenon

237. su___r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
238. risk of bone fr_____res *n.* the breaking or cracking of a rigid material or object such as bone
239. ev___e a sense of awe *v.* to bring or recall a feeling, memory, or image into your mind
240. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
241. removal of the corpus ca_____um *n.* a large bundle of nerve fibers that connects the two hemispheres of the brain
242. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
243. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
244. syn_____us learning *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
245. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
246. high-precision acc_____ter *n.* a device that measures acceleration or changes in motion, typically used in aerospace, automotive, and other engineering applications to monitor and control movement or to measure things like speed or vibration

ANSWERS: 237. suffer, 238. fracture, 239. evoke, 240. spinal, 241. callosum, 242. dam, 243. develop, 244. synchronous, 245. resistant, 246. accelerometer

247. gr____y support that player *adv.* to an extraordinary extent or degree; very much
248. su____n a wellness lifestyle *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
249. left ve_____le *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
250. feel co_____nt *adj.* feeling sure about your abilities or qualities or having trust in people, plans, or the future
251. estimate pr_____e costs *adj.* sharply exact or accurate or delimited
252. get con_____nt results *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
253. cr__h coffee beans *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
254. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
255. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
256. os_____te between joy and anger *v.* to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive
257. carbon fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile

ANSWERS: 247. greatly, 248. sustain, 249. ventricle, 250. confident, 251. precise, 252. consistent, 253. crush, 254. lab, 255. innovation, 256. oscillate, 257. fiber

258. a period of ro____on
n. the action or process of moving in a circle around an axis or center
259. economic bu___e
n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
260. tr____r inflation
v. to make something happen suddenly; to cause something such as a device, machine, etc. to function
261. pr____ds of a sale
n. the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
262. a fatal in___y
n. harm done to a person's or an animal's body caused by an accident or an attack
263. cro_____ion view
n. a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
264. ob____e a tradition
v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
265. fi___e decimal
adj. having a limit or restriction of size, time, etc.

ANSWERS: 258. rotation, 259. bubble, 260. trigger, 261. proceeds, 262. injury, 263. cross-section, 264. observe, 265. finite

266. r__r with laughter

v. to make a loud, deep sound, like a lion or a car engine

267. radio an_____er

n. a person who introduces and speaks on television or radio programs or provides commentary or information at a live event

268. permanent br__n damage

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 266. roar, 267. announcer, 268. brain

Session 3: Fill in the Blanks

1. He _____ pieces of rope out of straw.
v. to bend or turn something into a certain shape
2. This movie is likely to _____ strong emotions in the viewer.
v. to bring or recall a feeling, memory, or image into your mind
3. The content is _____ and informative for me.
adj. sharply exact or accurate or delimited
4. Four _____ walls surround the courtyard.
adj. situated in or suitable for the outdoors or outside of something
5. 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
6. A rainbow is a natural _____.
n. something that exists and can be perceptible, especially one that is not fully understood
7. The public schools _____ with federal standards.
v. to obey an order, set of rules, or request
8. _____ hyperglycemia is a trigger for a variety of serious diseases.
adj. being long-lasting and recurrent or characterized by long suffering; habitual
9. Anesthetize the gum before _____ the teeth.
n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 1. twisted, 2. evoke, 3. precise, 4. exterior, 5. brain, 6. phenomenon, 7. comply, 8. Chronic, 9. extracting

10. Many people worry that the current real estate market is a _____ that could burst soon.
- n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
11. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
12. They _____ admired our actions.
- adv.* to an extraordinary extent or degree; very much
13. The corpus _____ is essential for coordinating the functions of the two hemispheres.
- n.* a large bundle of nerve fibers that connects the two hemispheres of the brain
14. She gets a _____ on each contract.
- n.* a formal instruction, command, or request given to a person or group; an official group of people entrusted by a government or other official body to control or enforce something
15. Archaeologists found a Neanderthal _____ at that historic site.
- n.* a bone framework that surrounds the brain and gives the head its shape
16. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 10. bubble, 11. mystery, 12. greatly, 13. callosum, 14. commission, 15. skull, 16. develop

17. We argue that wages for temporary workers should _____ rise.

adv. in almost the same way

18. The heart's _____ are responsible for pumping blood out to the body.

n. a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

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

adv. only associated with or meant for one thing

20. Both forts were subject to _____ attacks.

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

21. The meeting aims to _____ possible choices.

v. to assess or estimate the quality, significance, quantity, or value of something

22. The patient experienced a _____ hemorrhage and required surgery.

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

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

adv. completely

24. The president prepared several possible _____ for an enemy attack.

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

25. The lion _____ loudly, signaling its dominance over the other animals.

v. to make a loud, deep sound, like a lion or a car engine

ANSWERS: 17. similarly, 18. ventricles, 19. specifically, 20. immediate, 21. evaluate, 22. cerebral, 23. entirely, 24. scenarios, 25. roared

26. The jockey _____ the horse hard to take first place.
- v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
27. The relationship _____ between the two countries were complex and constantly changing.
- n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
28. The _____ system in the car saved the driver's life in a severe crash.
- n.* a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death
29. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.
- adj.* of or relating to the spine (= the long bone in the body's back)
30. The basketball bounced off the rim and _____ to the player.
- v.* to spring back into a former shape or position after being compressed or stretched
31. This evidence will form the _____ for our discussion.
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
32. The band's new album was a _____ success, reaching the top of the charts.
- adj.* very successful or impressive; causing something to be broken or destroyed
33. My accidental _____ got better right away.
- n.* harm done to a person's or an animal's body caused by an accident or an attack

ANSWERS: 26. whipped, 27. dynamics, 28. airbag, 29. spinal, 30. rebounded, 31. basis, 32. smashing, 33. injury

34. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
35. The _____ in the spacecraft helps to stabilize its orientation during the mission.
- n.* a device consisting of a spinning wheel or disk mounted in such a way that it can rotate freely in any direction, used to maintain balance, stability, or orientation in navigation, aerospace, or other systems
36. We saw a large _____ as we hiked through the mountains.
- n.* a large predatory feline animal, also known as a mountain lion or puma, which is native to the Americas; an older woman who pursues sexual or romantic relationships with much younger men
37. The professional _____ jumped from the burning building and landed safely on the airbag below.
- n.* a professional performer who performs dangerous and often physically demanding tasks or stunts in place of an actor in a film or television show
38. The _____ from the charity auction will go towards building a school in a developing country.
- n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
39. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
40. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

ANSWERS: 34. laboratory, 35. gyroscope, 36. cougar, 37. stuntman, 38. proceeds, 39. disease, 40. relate

41. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
42. His professional experience includes all _____ of media production.
n. one part or feature of a situation, problem, subject, etc.
43. Parents often _____ their characteristics to their children.
v. to send or forward an electronic signal; to pass something from one person or thing to another
44. The case fell under the _____ of the state court system.
n. the extent or range of authority, power, or control exercised by a particular entity or organization, such as a government or court; the area within which such authority or control is exercised
45. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
46. _____ a society is an organism.
adv. relating to the essential features or concepts of anything
47. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
48. X-ray inspection revealed many _____.
n. the breaking or cracking of a rigid material or object such as bone
49. Please refrigerate the meat, or it will _____.
v. to decay, or cause something to decay, naturally and gradually

ANSWERS: 41. mentioned, 42. aspects, 43. transmit, 44. jurisdiction, 45. norms, 46. Essentially, 47. experiments, 48. fractures, 49. rot

50. The sports _____ provided live commentary during the game.
n. a person who introduces and speaks on television or radio programs or provides commentary or information at a live event
51. He has a _____ demeanor and always presents himself in a polished manner.
adj. having or showing the skill appropriate to a particular job; competent or skillful
52. The vegetarian burger was an _____ that quickly spread to the United Kingdom.
n. the creation of a new device or process resulting from study and experimentation
53. The group of performers perfectly executed the _____ dance routine.
adj. occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
54. He was so hungry from the long journey that he had a _____ appetite.
adj. extremely large
55. Efficiency isn't an essential _____ here; fairness is.
n. a fundamental law or truth that explains or controls how something happens or works
56. The football player suffered a _____ after being tackled during the game.
n. a violent blow or jolt to the head or body that jars the brain, often resulting in temporary or prolonged unconsciousness, confusion, or memory loss; a shock or upheaval caused by a sudden change or event
57. Wild animals need to go forward with the _____ action to survive.
adj. the best; most likely to be successful or advantageous

ANSWERS: 50. announcer, 51. professional, 52. innovation, 53. synchronous, 54. gigantic, 55. principle, 56. concussion, 57. optimal

58. It is important to _____ safety procedures in the workplace to prevent accidents.
- v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
59. To advance this discussion, we must _____ "success" rigorously.
- v. to state or explain precisely the nature, scope, or meaning of something
60. She agreed to _____ with him in creating new artwork.
- v. to work with someone else to produce or achieve something
61. The _____ of the argument was well-presented.
- n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
62. My boss wouldn't _____ of the plan.
- v. to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
63. The _____ academy was known for its strict discipline and training.
- adj. relating to or characteristic of members of the armed forces; of or relating to war or warfare
64. Her concept is highly _____ and helpful.
- adj. of or connected with actual use or real situation rather than with theory and ideas
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. observe, 59. define, 60. collaborate, 61. substance, 62. approve, 63. military, 64. practical, 65. government

66. Skill and _____ are an unconquered army.

- n.* the feeling or attitude that one can trust or rely on the abilities or good qualities of someone or something

67. It would be best if you did not demand such an _____ charge.

- adj.* greater than what seems necessary, normal, or desirable

68. Education is the _____ of civilization.

- n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

69. Insects in urban areas are becoming _____ to insecticides.

- adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

70. The security camera has _____ four intruders.

- v.* to find or recognize something, especially something difficult to see, hear, etc.

71. The study found that regular exercise can help to prevent the onset of _____ in older age.

- n.* a severe decline in cognitive function, especially memory, as a result of disease or injury

72. 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

73. The government _____ contains top-secret documents and classified information that only a few individuals can access.

- n.* a large room or chamber used for storage, often for valuables such as money, documents, or artwork; (verb) to leap or jump over something; to move quickly or suddenly

ANSWERS: 66. confidence, 67. excessive, 68. transmission, 69. resistant, 70. detected, 71. dementia, 72. suffers, 73. vault

74. Daily exercise and adequate sleep are necessary to prevent the progression of _____.

n. a decrease in size of a muscle, organ, etc., caused by disease or disuse

75. Our interest began to ____ sharply.

v. to move or develop so slowly that you are behind other people, organizations, etc.

76. His _____ from his emotions made him distant and unresponsive.

n. the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms

77. The politician tried to _____ the corruption.

v. to conceal something; (noun) a covering that you wear over your face to hide it

78. The car was completely _____ in the accident.

v. to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

79. The phone's _____ measures its movement and orientation in three-dimensional space.

n. a device that measures acceleration or changes in motion, typically used in aerospace, automotive, and other engineering applications to monitor and control movement or to measure things like speed or vibration

80. The experience was so _____ that it left a lasting impact on the survivor's mental health.

adj. relating to or caused by injury, especially emotional injury

ANSWERS: 74. atrophy, 75. lag, 76. dissociation, 77. mask, 78. crushed, 79. accelerometer, 80. traumatic

81. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
82. That candidate does not have _____ means to win an election with certainty.
adj. adequate; enough for a particular purpose or requirement
83. I tied up the _____ of newspapers and took them to the recycling center.
n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
84. Human beings have a _____ lifespan, so we yearn for the idea of immortality.
adj. having a limit or restriction of size, time, etc.
85. She _____ the files into a single ZIP archive to save space on her computer.
v. to press or squeeze together to make something take up less space
86. The patient displays a _____ of a side effect.
n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
87. Advocates for legal reform hear less harsh words from their _____.
n. someone who expresses opinions about the quality of books, music, etc.
88. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 81. tissue, 82. sufficient, 83. bundle, 84. finite, 85. compressed, 86. symptom, 87. critics, 88. device

89. This remote _____ is rarely visited.

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

90. He suffers from _____ breakdowns.

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

91. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

92. Her body felt _____ after sitting at her desk for hours without moving.

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

93. You are not _____ in your behavior.

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

94. The _____ shaped a horseshoe on his anvil.

n. a smith who forges and shapes iron with a hammer and anvil

95. He stepped on the gas pedal, and the engine released a loud _____.

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

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

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

ANSWERS: 89. spot, 90. nervous, 91. exciting, 92. stiff, 93. consistent, 94. blacksmith, 95. rev, 96. separate

97. The _____ nature of quantum physics has been a source of confusion for scientists for decades.

adj. contrary to what common sense would suggest

98. He discovered unique _____ for photochemical reactions.

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

99. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

100. Many multinational companies are _____ in the reconstruction of that country.

v. to attract and keep someone's attention and interest; to participate in or obtain services of something

101. The photographer took this photo using a telephoto _____.

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

102. The teachers make full use of _____ assistance.

n. a person who performs or offers to perform a job or service without being paid for or forced to do

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

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

104. They _____ customers with a premium for loyal patronage.

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

ANSWERS: 97. counterintuitive, 98. mechanisms, 99. fluid, 100. engaged, 101. lens, 102. volunteer, 103. lab, 104. encouraged

105. The incident _____ a political controversy.

- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

106. The company's profits were _____ of its successful business strategy.

- adj.* serving as a sign or indication of something; expressing or showing something directly; characteristic of a particular group or situation

107. Trains are _____ inexpensive, and ideal for long-distance travel.

- adj.* worthy of being relied on; trustworthy

108. He _____ his smile with anger coming from his gut.

- v.* to (cause something to) twist and press out of its natural or normal shape

109. He was pretty _____ to pass the exam.

- adj.* having good luck or lucky

110. She struggled to _____ the children's reading habits.

- v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid

111. 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

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

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

113. A severe case of _____ left the patient with permanent brain damage.

- n.* disease or damage to the brain that disrupts the normal functioning of the brain, which cause a wide range of symptoms, including memory loss, confusion, seizures, and decreased cognitive abilities

ANSWERS: 105. triggered, 106. indicative, 107. reliable, 108. contorted, 109. fortunate, 110. sustain, 111. stretch, 112. fiber, 113. encephalopathy

114. He was unpopular because of his _____ adherence to the rules.

adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

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

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

116. The _____ of the Earth causes day and night.

n. the action or process of moving in a circle around an axis or center

117. The _____ of the tree trunk showed its growth rings.

n. a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior

118. The fan in the room _____ making the airflow more evenly.

v. to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive

119. The old building _____ in a fiery inferno.

v. to burst or break open violently and noisily; to cause something to burst or break open

120. The _____ in the rock was too narrow to squeeze through.

n. a narrow opening or crack, especially in a rock or other hard substance; a division or splitting within a group or organization

121. 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: 114. rigid, 115. highlighted, 116. rotation, 117. cross-section, 118. oscillates, 119. exploded, 120. fissure, 121. strike

122. My grandmother has _____ disease requires special care and attention from her caregivers.

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

123. I'm not _____ in our victory.

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

124. The worker survived the impact because they were wearing sturdy _____.

n. a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress

125. The break in the ____ threatened the valley.

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

126. The _____ of ancient Greek literature includes many famous works.

n. a collection of texts or documents, usually used in research or analysis

127. He put on his _____ and tie before leaving for work.

n. a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something

128. She was close to her paternal _____ and often spent summers with them.

n. a parent of one's father or mother

129. A smaller car will _____ less fuel.

v. to spend something, especially fuel, energy, or time, in a large amount

ANSWERS: 122. Alzheimer's, 123. confident, 124. helmets, 125. dam, 126. corpus, 127. collar, 128. grandparents, 129. consume

130. The _____ partially destroyed my vehicle.

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

131. The hospital received a donation of _____ for their research program.

n. a dead body, especially one used for scientific study or medical research

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

adj. considered and evaluated through comparison with something else

133. The lungs are divided into five _____.

n. a rounded projection or division, especially of the brain, lung, or liver

134. He was known to be very _____ and would often work late into the night.

adj. hardworking, diligent, and persistent in effort

ANSWERS: 130. accident, 131. cadavers, 132. relatives, 133. lobes, 134. industrious