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Vocabulary Builder Reference from...

Jennifer Vail: The science of friction -- and its surprising impact on our lives | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- rub** v. to move one's hand or an object over the surface of something with pressure
synonym: scrub, massage, stroke
(1) **rub** shoulders, (2) **rub** a glass window
She **rubbed** the sore spot on her leg to ease the pain.
- ridiculous** *adj.* very silly or unreasonable and deserving to be laughed at
synonym: absurd, fatuous, foolish
(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion
Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.
- tribology** *n.* the study of the properties and behavior of surfaces in relative motion, including friction, lubrication, wear, and adhesion
synonym: friction, lubrication, wear
(1) **tribology** research, (2) **tribology** analysis
The **tribology** laboratory at the university is equipped with advanced machinery to study the effects of different lubricants.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym : archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

combination

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

synonym : blend, hybrid, compounding

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

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

span

n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym : interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**

He slightly modified the **span** of training because it was just before a match.

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**.

alleviate

v. to make something, usually pain, distress, or problem, less severe or intense; to ease or lighten a burden

synonym : ease, relieve, lessen

(1) **alleviate** anxiety, (2) **alleviate** stress

Taking ibuprofen can **alleviate** the pain from a headache.

friction

n. the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects

synonym : rub, scrape, resistance

(1) **friction** force, (2) surface **friction**

The **friction** between the two countries was causing tension.

lubricate

v. to apply a substance, such as oil or grease, to reduce friction or wear on a surface

synonym : grease, oil, make slippery

(1) **lubricate** the economy, (2) **lubricate** the hinges with oil

The mechanic **lubricated** the gears to prevent them from grinding.

resist

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

synonym : fight, defy, revolt

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

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

oppose

v. to be against or in conflict with something or someone; to resist or to try to prevent something from happening

synonym : match, resist, confront

(1) **oppose** a decision, (2) publicly **oppose**

I strongly **oppose** the new proposed law that would harm our environment.

transfer

v. to move, pass, or change from one person, place, or situation to another

synonym: move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

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

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

loosen

v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax

synonym: relax, slacken, untie

(1) **loosen** grip, (2) **loosen** knot

Please **loosen** the screws on the back panel so we can access the inside of the machine.

stubborn

adj. refusing to change one's mind or behavior despite persuasion or evidence to the contrary; unyielding;

difficult to move or change

synonym : persistent, obstinate, determined

(1) **stubborn** attitude, (2) **stubborn** stains

He was so **stubborn** about his beliefs that he refused to listen to any other points of view.

rust

n. a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation

synonym : corrosion, oxidation, decay

(1) **rust-proofing**, (2) **rusty** metal

The old car was covered in **rust** and needed extensive repair work.

bolt

n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

synonym : lock, fastener, thunderbolt

(1) **bolt** diameter, (2) **bolt** from my bed

The lightning **bolt** twiggged in several directions.

budge

v. to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

synonym : move, shift, nudge

(1) **budge** an inch, (2) **budge** the shelf

No matter how hard I tried, I couldn't **budge** the heavy couch from its place in the room.

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.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

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**.

wiggle

v. to move or cause to move up and down or from side to side in short and quick movements

synonym: wiggle, jiggle, squirm

(1) **wiggle** her lips, (2) **wiggle** with excitement

Her hips **wiggle** as she walks.

shifting

adj. constantly changing or moving

synonym: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

shift

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

synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and

is expected to take several months.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

silk

n. a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

synonym: satin, taffeta, velvet

(1) **silk** road, (2) **silk** fabric

She wore a **silk** dress to the party.

squirm

v. to twist, wiggle, or contort the body uncomfortably or awkwardly, often due to embarrassment, discomfort, or nervousness

synonym: squiggle, wiggle, writhe

(1) **squirm** uncomfortably, (2) **squirm** with excitement

The child **squirmed** out of his mother's grasp and ran off.

wool

n. a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items

synonym: fleece, cashmere

(1) **wool** sweater, (2) **wool** fibers

I love wearing **wool** socks during the winter to keep my feet warm.

ankle

n. the part or joint connecting the foot to the leg

synonym: mortise joint

(1) **ankle** injury, (2) pair of **ankle** boots

He accidentally sprained his **ankle** playing squash.

joint

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

synonym : collaborative, cooperative, combined

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

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

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

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.

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.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

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.

tendon

n. a strong, fibrous cord of tissue that connects muscle to bone

synonym: tissue, sinew, ligament

(1) **tendon** grafting, (2) **tendon** collagen

Tendon injuries are common among athletes.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym: buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

ballerina

n. a female ballet (= a type of performance dance that tells a dramatic story or expresses an idea with music but no talking or singing) dancer

synonym: dancer, danseuse

(1) classical **ballerina**, (2) famous **ballerina**

The **ballerina's** graceful movements were a joy to watch.

slippery

adj. difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

synonym: smooth, glistening, furtive

(1) a **slippery** customer, (2) **slippery** ice

How extraordinarily **slippery** a liar the camera is.

rosin

n. a solid form of resin that is obtained from conifers and is used to make varnishes, adhesives, and other products; a sticky substance used on the bows of stringed instruments to improve the grip on the strings

synonym : resin, sap, pitch

(1) **rosin** paper, (2) **rosin** flux

A bit of **rosin** on the bow hair helps produce a smooth and clear sound on the cello.

sap

v. to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale

synonym : weaken, exhaust, drain

(1) **sap** flow, (2) **sap** strength

The disease has **sapped** all his energy, and he can barely get out of bed.

powder

n. a dry and fine substance that consists of very small, loose particles

synonym : dust, crumb, grain

(1) **powder** additive, (2) curry **powder**

She used a **powder** brush to apply her foundation evenly.

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.

clumsy

adj. lacking in grace or skill; awkward; cumbersome

synonym : awkward, ungainly, inept

(1) **clumsy** at sports, (2) **clumsy** attempt

The **clumsy** waiter accidentally spilled a tray of drinks on a customer.

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.

optimize

v. to make the best or most effective use of something

synonym: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

manipulate

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

synonym: control, exploit, abuse

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

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

destine

v. to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

synonym: ordain, doom, predestine

(1) **destine** us to meet again, (2) be **destined** to become a great artist

Some people believe that we are all **destined** for greatness.

crayon

n. a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring

synonym: chalk, pastel, (verb) draw

(1) **crayon** drawing, (2) **crayon** her coloring books

The teacher handed out several different colored **crayons** to each student.

frequent

adj. happening constantly

synonym: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

entice

v. to attract or lure someone with something desirable or tempting

synonym: lure, tempt, attract

(1) **entice** foreign investment, (2) **entice** shoppers

The salesperson tried to **entice** the customer into buying a new car.

shiny

adj. reflecting light and having a bright and smooth surface

synonym: polished, glossy, lustrous

(1) **shiny** surface, (2) **shiny** object

The **shiny** new car drew everyone's attention as it drove by.

wax

n. a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

(1) **wax** finish, (2) **wax** and wane

He sealed the letter with a **wax** seal.

slide

v. to move or cause to move smoothly along a surface without interruption

synonym: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

barefoot

adj. without shoes or other foot coverings; wearing nothing on the feet

synonym: bare, shoeless, unshod

(1) **barefoot** walk, (2) **barefoot** fashion

The **barefoot** hiker enjoyed feeling the earth beneath their feet.

toothpaste

n. a paste or gel used for cleaning the teeth and freshening the breath

synonym: paste, gel, dentifrice

(1) **toothpaste** hygiene product, (2) **toothpaste** tube
I always use mint-flavored **toothpaste** to refresh my mouth in the morning and at night.

toothbrush

n. a small brush with a handle used for cleaning the teeth
synonym: brush, scrubber, cleaner

(1) **toothbrush** stand, (2) power **toothbrush**
My **toothbrush** with end-rounded bristles is excellent for gently cleaning my teeth and gums.

plaque

n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

synonym: tablet, plate, medal

(1) arterial **plaque**, (2) commemorative **plaque**
The dentist removed the **plaque** from my teeth during my cleaning appointment.

dentist

n. a person who is qualified and licensed to treat people's teeth

synonym: oral surgeon, orthodontist, periodontist

(1) a **dentist's** office, (2) consult a **dentist**
I am going to the family **dentist** to get my teeth cleaned.

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.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

removal

n. the act of taking something away or off from a particular place

synonym : extraction, elimination, eradication

(1) dental tartar **removal**, (2) **removal** truck

The **removal** of the statue caused much controversy in the community.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym : enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

complexity

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

synonym : intricacy, sophistication, elaboration

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

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

gum

n. a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth

synonym : mucilage, glue, alveolar arch

(1) bubble **gum**, (2) chewing **gum**

I always like having a pack of **gum** to freshen my breath.

saliva

n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

synonym : spit, drool, slobber

(1) dog's **saliva**, (2) dry mouth with little **saliva**

The dentist asked him to spit out the excess **saliva** into the sink.

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.

diamond

n. a precious stone made from pure carbon, typically transparent and colorless but possibly tinted in various colors; a shape or arrangement resembling the geometric form of a diamond

synonym : gemstone, jewel, precious stone

(1) **diamond** ring, (2) **diamond** necklace

The engagement ring was adorned with a large, sparkling **diamond**.

probable

adj. likely to happen or likely to be true

synonym : likely, possible, potential

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

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

balance

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

synonym : equilibrium, counterpoise, remainder

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

balance sheet

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

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.

routine

n. a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

synonym : habit, custom, procedure

(1) **routine** business, (2) a built-in diagnostic **routine**

She studies gardening on a **routine** basis.

tongue

n. a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

synonym : lingo, language, vocabulary

(1) native **tongue**, (2) **tongue** cancer

The **tongue** is boneless, but it is as strong as bones.

influence

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

synonym : power, leverage, effect

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

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

recall

v. to remember something

synonym : remember, retrieve, recollect

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

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

lubricity

n. the quality of being slippery, smooth, or polished; moral or ethical looseness or indulgence; sexual desire or lasciviousness

synonym : smoothness, pruriency, lasciviousness

(1) **lubricity** coefficient, (2) sexual **lubricity**

The **lubricity** of the oil made it ideal for use in engines.

coefficient

n. a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable

synonym: constant, factor, ratio

(1) absorption **coefficient**, (2) thermal expansion **coefficient**

The **coefficient** of friction on the icy road was dangerously low.

quantity

n. the amount or number of something; magnitude

synonym: abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

colleague

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

synonym: coworker, associate, fellow

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

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

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**.

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.

pet *n.* an animal that you have at home as a companion and treated kindly
(1) a **pet** bird, (2) a teacher's **pet**
I have a parrot as a **pet**.

periodontal *adj.* relating to the supporting structures of teeth, such as the gums, bone, and connective tissue
synonym: gum, dental, oral
(1) **periodontal** disease, (2) **periodontal** surgery
The dentist recommended a **periodontal** cleaning to remove plaque buildup on my teeth.

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.

incorporate *v.* to include something as a part of a larger entity
synonym: contain, integrate, amalgamate
(1) **incorporate** the current trends, (2) **incorporate** technology into daily life
We will attempt to **incorporate** some of your suggestions into our future strategy.

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.

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

bench

n. a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

synonym : seat, terrace, judiciary

(1) **bench** conference, (2) **bench board**

I sat on the **bench** in the park and enjoyed the beautiful scenery.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym : mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

hood

n. a covering for the head and neck, especially one attached to a garment

synonym : hoodie, cowl, cloak

(1) **hood** ornament, (2) a silk **hood**

He pulled his waterproof **hood** up to protect himself from the rain.

maintenance

n. the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses

synonym : care, perpetuation, support

(1) the **maintenance** of the car, (2) **maintenance** work

We have decided to extend our **maintenance** contract until next year.

tire

v. to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

synonym : exhaust, weary, fatigue

(1) **tire** my patience, (2) **tire** pressure

I need to **tire** out my dog with a long walk so that he will sleep through the night.

recommend

v. to suggest that someone or something would be a suitable fit for a particular purpose or role

synonym : advise, suggest, instruct

(1) **recommend** a hospitalization, (2) **recommend** reading

We **recommend** taking media training every six months.

regularly

adv. at regular intervals or times

synonym : repeatedly, routinely, usually

(1) **regularly** arranged, (2) post **regularly** to a blog

This site **regularly** shares high-quality academic materials.

tread

v. to step or walk on something

synonym : step, walk, pace

(1) **tread** water, (2) **tread** a similar path

He **treads** carefully on the slippery ice.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully
They used a special receiver to **monitor** police radio channels.

arrival

n. the act or situation of coming or being brought to a place; accomplishment of an objective
synonym: reaching, appearance, coming

(1) **arrival** and departure gate, (2) **arrival** at a conclusion
Weather forecasters are predicting the **arrival** of a heatwave.

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.

acceleration

n. a rate of increase in velocity; the rate of change of velocity with respect to time
synonym: speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object
The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

decelerate

v. to slow down or reduce the speed of something; to decrease in speed
synonym: slow down, slacken, brake

(1) **decelerate** slowly, (2) **decelerate** approach
The driver had to **decelerate** quickly to avoid hitting the red light.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
synonym: space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

instinctively

adv. as a matter of nature or intuition rather than thought or training

synonym : inherently, intuitively, naturally

(1) **instinctively** grabbed the knife, (2) **instinctively** bad with children

Some researchers claim that even humans can **instinctively** sense earthquakes.

overcome

v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

synonym : beat, confound, overwhelm

(1) **overcome** opponents, (2) **overcome** all difficulties

He tried to **overcome** a bad reputation and win the election.

fuel

n. a substance that is typically burned to generate heat or energy

synonym : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

internal

adj. of or relating to the inside of something

synonym : interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

combustion

n. the act or process of burning something

synonym: burning, burst

(1) internal **combustion** engine, (2) spontaneous **combustion**

Combustion of the people grew until the revolt was unavoidable.

engine

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

synonym: motor, locomotive, driver

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

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

emission

n. the act of production or sending out gas, heat, light, etc.

synonym: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

consumption

n. the amount used or eaten; the act of using up a resource such as energy, food, or materials

synonym: usage, uptake, utilization

(1) average fuel **consumption**, (2) the **consumption** of food

In our country, water **consumption** usually decreases during the winter.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

quad

n. (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes

synonym: quadrangle, square, block

(1) **quad** room, (2) **quad** biking

We met at the campus **quad** to study for our upcoming exams.

perspective

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

synonym: viewpoint, standpoint, outlook

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

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

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

equivalent

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

synonym: equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

barrel

n. a large round container made of wood, metal, or plastic, with flat ends and, usually, curved sides; one of several units of volume

synonym: cask, firkin, drum

(1) a **barrel** of beer, (2) \$30 a **barrel**

One rotten apple spoils the whole **barrel**.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

component

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

synonym: element, part, factor

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

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

turbine

n. a machine that rotates to generate power from fluids such as water or gas

synonym: engine, generator, power plant

(1) **turbine** energy, (2) **turbine** aerofoil

The wind **turbines** were spinning rapidly, generating clean energy for the nearby town.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

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.

- 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**.
- aerospace** *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
synonym : aeronautical, space, aviation
(1) **aerospace** engineering, (2) **aerospace** and defense industry
NASA is an **aerospace** organization that explores space and improves aviation technology.
- environment** *n.* the natural world such as air, water, and land in which humans, animals, and plants live
synonym : atmosphere, surroundings, climate
(1) **environment** affairs, (2) chaotic **environment**
Every human is responsible for taking care of the Earth's **environment**.
- opposing** *adj.* competing, fighting, or working against each other
synonym : disagreeing, dissenting, conflicting
(1) **opposing** counsel, (2) in an **opposing** direction
We have no intention of **opposing** his idea.
- actuate** *v.* to cause a machine or equipment to start to work
synonym : motivate, spark, drive
(1) **actuate** the circuits, (2) **actuate** a parking brake
A desire for success **actuated** her.
- weigh** *v.* to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

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.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

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

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

Session 2: Spelling

1. po___r additive *n.* a dry and fine substance that consists of very small, loose particles
2. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
3. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
4. a silk h__d *n.* a covering for the head and neck, especially one attached to a garment
5. chewing g_m *n.* a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth
6. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
7. too_____te hygiene product *n.* a paste or gel used for cleaning the teeth and freshening the breath
8. tr_____er a file *v.* to move, pass, or change from one person, place, or situation to another
9. bu__e an inch *v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something
10. st_____rn attitude *adj.* refusing to change one's mind or behavior despite persuasion or evidence to the contrary; unyielding; difficult to move or change

ANSWERS: 1. powder, 2. efficiency, 3. identify, 4. hood, 5. gum, 6. monitor, 7. toothpaste, 8. transfer, 9. budge, 10. stubborn

11. 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
12. half qu____ty *n.* the amount or number of something; magnitude
13. re_____nd a hospitalization *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
14. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
15. sexual lu____ty *n.* the quality of being slippery, smooth, or polished; moral or ethical looseness or indulgence; sexual desire or lasciviousness
16. residual qu____ty *n.* the amount or number of something; magnitude
17. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
18. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
19. wi___e with excitement *v.* to move or cause to move up and down or from side to side in short and quick movements
20. b__t from my bed *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

ANSWERS: 11. rev, 12. quantity, 13. recommend, 14. environment, 15. lubricity, 16. quantity, 17. investigate, 18. ridiculous, 19. wiggle, 20. bolt

21. the in____al economy *adj.* of or relating to the inside of something
22. en____e shoppers *v.* to attract or lure someone with something desirable or tempting
23. ma____l place *adj.* produced by or containing supernatural powers
24. re____t temptation *v.* to refuse to accept something and attempt to prevent it from happening
25. su____ly attacked by an enemy *adv.* quickly and unexpectedly
26. spontaneous com____on *n.* the act or process of burning something
27. t__e pressure *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
28. an____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
29. too____te tube *n.* a paste or gel used for cleaning the teeth and freshening the breath
30. sl____ry ice *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
31. ba____ot walk *adj.* without shoes or other foot coverings; wearing nothing on the feet
32. wi____e her lips *v.* to move or cause to move up and down or from side to side in short and quick movements

ANSWERS: 21. internal, 22. entice, 23. magical, 24. resist, 25. suddenly, 26. combustion, 27. tire, 28. ancient, 29. toothpaste, 30. slippery, 31. barefoot, 32. wiggle

33. re_____nd reading *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
34. di_____ar without a trace *v.* to cease to exist or be visible
35. pr_____le outcome *adj.* likely to happen or likely to be true
36. inc_____te technology into daily life *v.* to include something as a part of a larger entity
37. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
38. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
39. re____l his name *v.* to remember something
40. the average life s____n *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
41. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
42. dental tartar re_____l *n.* the act of taking something away or off from a particular place
43. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 33. recommend, 34. disappear, 35. probable, 36. incorporate, 37. discovery, 38. efficient, 39. recall, 40. span, 41. lab, 42. removal, 43. crack

44. lo___n grip
v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
45. the bone of a jo__t
adj. shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
46. be__h board
n. a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice
47. former co_____ue
n. one of a group of a coworker, especially in a profession or a business
48. die su_____ly
adv. quickly and unexpectedly
49. 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
50. ro_____y speaking
adv. approximately but not precisely; with a violent manner
51. mi__c numerous instruments
v. to imitate someone's speech, movement, or behavior, especially to make others laugh
52. re_____ly arranged
adv. at regular intervals or times
53. curry po____r
n. a dry and fine substance that consists of very small, loose particles
54. bubble g_m
n. a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth

ANSWERS: 44. loosen, 45. joint, 46. bench, 47. colleague, 48. suddenly, 49. observe, 50. roughly, 51. mimic, 52. regularly, 53. powder, 54. gum

55. man_____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
56. mai_____ce work *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
57. sh__y surface *adj.* reflecting light and having a bright and smooth surface
58. tr_____er power *v.* to move, pass, or change from one person, place, or situation to another
59. ar_____l at a conclusion *n.* the act or situation of coming or being brought to a place; accomplishment of an objective
60. bu___e in the champagne glass *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
61. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
62. ro_____e business *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
63. lo___e a tumor *v.* to specify or determine the exact position of someone or something
64. 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

ANSWERS: 55. manipulate, 56. maintenance, 57. shiny, 58. transfer, 59. arrival, 60. bubble, 61. complexity, 62. routine, 63. locate, 64. lens

65. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
66. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
67. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
68. major paradigm sh__t *n.* a slight transition in position, direction, or trend
69. op___e a decision *v.* to be against or in conflict with something or someone; to resist or to try to prevent something from happening
70. en_____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
71. a sl_____ry customer *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
72. di_____d necklace *n.* a precious stone made from pure carbon, typically transparent and colorless but possibly tinted in various colors; a shape or arrangement resembling the geometric form of a diamond
73. tr_____gy research *n.* the study of the properties and behavior of surfaces in relative motion, including friction, lubrication, wear, and adhesion

ANSWERS: 65. dam, 66. mimic, 67. opportune, 68. shift, 69. oppose, 70. encourage, 71. slippery, 72. diamond, 73. tribology

74. ov____me all difficulties *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
75. to___e cancer *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
76. an air-cooled en____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
77. inc____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
78. driving di____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
79. sh____ng balance *adj.* constantly changing or moving
80. without in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
81. the con____on of food *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
82. r__t-proofing *n.* a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation

ANSWERS: 74. overcome, 75. tongue, 76. engine, 77. incredibly, 78. distance, 79. shifting, 80. injury, 81. consumption, 82. rust

83. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
84. 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
85. Doppler sh__t *n.* a slight transition in position, direction, or trend
86. inc_____te the current trends *v.* to include something as a part of a larger entity
87. surface fr_____on *n.* the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects
88. re_____e one word with another *v.* to take the place of something
89. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
90. cr___n drawing *n.* a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring
91. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 83. eventually, 84. develop, 85. shift, 86. incorporate, 87. friction, 88. replace, 89. fellow, 90. crayon, 91. amazing

92. sh__y object *adj.* reflecting light and having a bright and smooth surface
93. tu____e energy *n.* a machine that rotates to generate power from fluids such as water or gas
94. fr____on force *n.* the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects
95. b__t diameter *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
96. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
97. re____e a phone *v.* to take the place of something
98. publicly op____e *v.* to be against or in conflict with something or someone; to resist or to try to prevent something from happening
99. h__d ornament *n.* a covering for the head and neck, especially one attached to a garment
100. 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
101. di____ar after a week *v.* to cease to exist or be visible

ANSWERS: 92. shiny, 93. turbine, 94. friction, 95. bolt, 96. amazing, 97. replace, 98. oppose, 99. hood, 100. bubble, 101. disappear

102. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
103. s_p strength *v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
104. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
105. power too_____sh *n.* a small brush with a handle used for cleaning the teeth
106. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
107. ae_____ce engineering *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
108. injury in a car ac_____nt *n.* an unfortunate event, especially one causing damage or injury
109. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
110. re_____l truck *n.* the act of taking something away or off from a particular place
111. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
112. ins_____ely grabbed the knife *adv.* as a matter of nature or intuition rather than thought or training
113. st_____rn stains *adj.* refusing to change one's mind or behavior despite persuasion or evidence to the contrary; unyielding; difficult to move or change

ANSWERS: 102. locate, 103. sap, 104. balance, 105. toothbrush, 106. equivalent, 107. aerospace, 108. accident, 109. complexity, 110. removal, 111. identify, 112. instinctively, 113. stubborn

114. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
115. ae_____ce and defense industry *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
116. op_____ng counsel *adj.* competing, fighting, or working against each other
117. w_x finish *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large
118. tr__d a similar path *v.* to step or walk on something
119. te___n collagen *n.* a strong, fibrous cord of tissue that connects muscle to bone
120. ro__n paper *n.* a solid form of resin that is obtained from conifers and is used to make varnishes, adhesives, and other products; a sticky substance used on the bows of stringed instruments to improve the grip on the strings
121. re___t being kissed *v.* to refuse to accept something and attempt to prevent it from happening
122. 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

ANSWERS: 114. manipulate, 115. aerospace, 116. opposing, 117. wax, 118. tread, 119. tendon, 120. rosin, 121. resist, 122. basis

123. thermal expansion coe_____nt *n.* a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable
124. ar_____l and departure gate *n.* the act or situation of coming or being brought to a place; accomplishment of an objective
125. plenty of fl__ds *n.* a substance that can flow and is not solid
126. 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
127. arterial pl___e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
128. tr_____gy analysis *n.* the study of the properties and behavior of surfaces in relative motion, including friction, lubrication, wear, and adhesion
129. di_____d ring *n.* a precious stone made from pure carbon, typically transparent and colorless but possibly tinted in various colors; a shape or arrangement resembling the geometric form of a diamond

ANSWERS: 123. coefficient, 124. arrival, 125. fluid, 126. rev, 127. plaque, 128. tribology, 129. diamond

130. r__ty metal *n.* a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation
131. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
132. native to___e *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
133. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
134. sq___m uncomfortably *v.* to twist, wiggle, or contort the body uncomfortably or awkwardly, often due to embarrassment, discomfort, or nervousness
135. a p_t bird *n.* an animal that you have at home as a companion and treated kindly
136. pair of an__e boots *n.* the part or joint connecting the foot to the leg
137. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
138. w_x and wane *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

ANSWERS: 130. rust, 131. opportune, 132. tongue, 133. fellow, 134. squirm, 135. pet, 136. ankle, 137. ridiculous, 138. wax

139. s__k fabric *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
140. pr_____le cause of a fire *adj.* likely to happen or likely to be true
141. fl__d assets *n.* a substance that can flow and is not solid
142. biomass f__l *n.* a substance that is typically burned to generate heat or energy
143. ma_____l powers *adj.* produced by or containing supernatural powers
144. sq___m with excitement *v.* to twist, wiggle, or contort the body uncomfortably or awkwardly, often due to embarrassment, discomfort, or nervousness
145. too_____sh stand *n.* a small brush with a handle used for cleaning the teeth
146. absorption coe_____nt *n.* a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable
147. q__d room *n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
148. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

ANSWERS: 139. silk, 140. probable, 141. fluid, 142. fuel, 143. magical, 144. squirm, 145. toothbrush, 146. coefficient, 147. quad, 148. novel

149. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
150. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
151. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy
152. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
153. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
154. cr____n her coloring books *n.* a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring
155. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
156. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
157. 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
158. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 149. dam, 150. colleague, 151. reliable, 152. slide, 153. lab, 154. crayon, 155. incredibly, 156. investigate, 157. observe, 158. interaction

159. famous ba_____na *n.* a female ballet (= a type of performance dance that tells a dramatic story or expresses an idea with music but no talking or singing) dancer
160. commemorative pl____e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
161. re_____le access *adj.* worthy of being relied on; trustworthy
162. tu_____e aerofoil *n.* a machine that rotates to generate power from fluids such as water or gas
163. ac_____e the circuits *v.* to cause a machine or equipment to start to work
164. 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
165. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
166. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
167. 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

ANSWERS: 159. ballerina, 160. plaque, 161. reliable, 162. turbine, 163. actuate, 164. dynamics, 165. ancient, 166. influence, 167. disease

168. ins_____ely bad with children *adv.* as a matter of nature or intuition rather than thought or training
169. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
170. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
171. op_____ze a process *v.* to make the best or most effective use of something
172. en___e foreign investment *v.* to attract or lure someone with something desirable or tempting
173. the mai_____ce of the car *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
174. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
175. dry mouth with little sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
176. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
177. q__d biking *n.* (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes

ANSWERS: 168. instinctively, 169. environment, 170. rub, 171. optimize, 172. entice, 173. maintenance, 174. combination, 175. saliva, 176. joint, 177. quad

189. a unit of acc_____ion *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
190. w__l sweater *n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items
191. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
192. s_p flow *v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
193. te____n grafting *n.* a strong, fibrous cord of tissue that connects muscle to bone
194. 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
195. lu_____ty coefficient *n.* the quality of being slippery, smooth, or polished; moral or ethical looseness or indulgence; sexual desire or lasciviousness
196. de_____e us to meet again *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome
197. be de_____ed to become a great artist *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

ANSWERS: 189. acceleration, 190. wool, 191. monitor, 192. sap, 193. tendon, 194. disease, 195. lubricity, 196. destine, 197. destine

198. dog's sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
199. a remote re____ve *adj.* considered and evaluated through comparison with something else
200. 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
201. acc_____ion of an object *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
202. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
203. ba_____ot fashion *adj.* without shoes or other foot coverings; wearing nothing on the feet
204. s__k road *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
205. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
206. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 198. saliva, 199. relative, 200. develop, 201. acceleration, 202. involve, 203. barefoot, 204. silk, 205. influence, 206. crack

207. internal com_____on engine *n.* the act or process of burning something
208. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
209. 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
210. t__e my patience *v.* to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving
211. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
212. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
213. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
214. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
215. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
216. a de_____t's office *n.* a person who is qualified and licensed to treat people's teeth

ANSWERS: 207. combustion, 208. distance, 209. basis, 210. tire, 211. roughly, 212. slide, 213. equivalent, 214. weigh, 215. fuel, 216. dentist

217. an energy eff_____cy
n. the state or quality of doing something well with no waste of input such as time or money
218. genic com_____ons
n. a collection of things that have been combined; an assemblage of separate parts or qualities
219. become ess_____ly same
adv. relating to the essential features or concepts of anything
220. 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
221. eve_____ly become obsolete
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
222. the int_____on between man and his environment
n. the act of connecting with someone, mainly when working, playing, or spending time with them
223. consult a de_____t
n. a person who is qualified and licensed to treat people's teeth
224. re_____e CO2 into the air
v. to set free or allow to escape from confinement
225. man_____re a product
v. to make goods in large numbers, usually in a factory using machines
226. 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

ANSWERS: 217. efficiency, 218. combination, 219. essentially, 220. dynamics, 221. eventually, 222. interaction, 223. dentist, 224. release, 225. manufacture, 226. encourage

227. average fuel con_____on *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
228. op_____ze control for cooling *v.* to make the best or most effective use of something
229. cause an ac_____nt *n.* an unfortunate event, especially one causing damage or injury
230. in_____ct directly with customers *v.* to communicate or react with somebody
231. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
232. a fatal in____y *n.* harm done to a person's or an animal's body caused by an accident or an attack
233. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
234. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
235. per_____al disease *adj.* relating to the supporting structures of teeth, such as the gums, bone, and connective tissue
236. an__e injury *n.* the part or joint connecting the foot to the leg
237. ac_____e a parking brake *v.* to cause a machine or equipment to start to work
238. 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

ANSWERS: 227. consumption, 228. optimize, 229. accident, 230. interact, 231. novel, 232. injury, 233. involve, 234. balance, 235. periodontal, 236. ankle, 237. actuate, 238. scenario

239. im____e a process *v.* to make or become better
240. a ba___l of beer *n.* a large round container made of wood, metal, or plastic, with flat ends and, usually, curved sides; one of several units of volume
241. dec_____te slowly *v.* to slow down or reduce the speed of something; to decrease in speed
242. in an op_____ng direction *adj.* competing, fighting, or working against each other
243. ov_____me opponents *v.* to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone
244. lu_____te the hinges with oil *v.* to apply a substance, such as oil or grease, to reduce friction or wear on a surface
245. tr__d water *v.* to step or walk on something
246. im____e the test score *v.* to make or become better
247. in_____al organs *adj.* of or relating to the inside of something
248. re___l the incident *v.* to remember something
249. cl___y at sports *adj.* lacking in grace or skill; awkward; cumbersome
250. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
251. be__h conference *n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

ANSWERS: 239. improve, 240. barrel, 241. decelerate, 242. opposing, 243. overcome, 244. lubricate, 245. tread, 246. improve, 247. internal, 248. recall, 249. clumsy, 250. define, 251. bench

252. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
253. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
254. classical ba_____na *n.* a female ballet (= a type of performance dance that tells a dramatic story or expresses an idea with music but no talking or singing) dancer
255. post re_____ly to a blog *adv.* at regular intervals or times
256. bu__e the shelf *v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something
257. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
258. lo___n knot *v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
259. re_____e a prisoner *v.* to set free or allow to escape from confinement
260. dec_____te approach *v.* to slow down or reduce the speed of something; to decrease in speed
261. re_____ve factors *adj.* considered and evaluated through comparison with something else
262. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
263. lu_____te the economy *v.* to apply a substance, such as oil or grease, to reduce friction or wear on a surface

ANSWERS: 252. emission, 253. manufacture, 254. ballerina, 255. regularly, 256. budge, 257. component, 258. loosen, 259. release, 260. decelerate, 261. relative, 262. perspective, 263. lubricate

264. fr____nt use *adj.* happening constantly
265. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure
266. global em____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
267. the s__n of a bird's wings *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
268. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
269. ef____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
270. \$30 a ba____l *n.* a large round container made of wood, metal, or plastic, with flat ends and, usually, curved sides; one of several units of volume
271. 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
272. a scientific di____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
273. de____e a word *v.* to state or explain precisely the nature, scope, or meaning of something

ANSWERS: 264. frequent, 265. rub, 266. emission, 267. span, 268. weigh, 269. efficient, 270. barrel, 271. scenario, 272. discovery, 273. define

274. ro__n flux *n.* a solid form of resin that is obtained from conifers and is used to make varnishes, adhesives, and other products; a sticky substance used on the bows of stringed instruments to improve the grip on the strings
275. per_____al surgery *adj.* relating to the supporting structures of teeth, such as the gums, bone, and connective tissue
276. w__l fibers *n.* a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items
277. key co_____nt *n.* one of several parts that combines with others to form something bigger
278. al_____te anxiety *v.* to make something, usually pain, distress, or problem, less severe or intense; to ease or lighten a burden

ANSWERS: 274. rosin, 275. periodontal, 276. wool, 277. component, 278. alleviate

Session 3: Fill in the Blanks

1. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
2. We will attempt to _____ some of your suggestions into our future strategy.
v. to include something as a part of a larger entity
3. The baby _____ 1 pound 3 oz.
v. to have a particular weight; to carefully evaluate things before making a conclusion
4. She _____ the money from her savings account to her checking account.
v. to move, pass, or change from one person, place, or situation to another
5. This site _____ shares high-quality academic materials.
adv. at regular intervals or times
6. Try to keep a _____ between work and off.
n. a condition in which everything has the same weight or force; something left after other parts have been taken away
7. Everyone regarded the theory he advocated as _____ but was later proven correct.
adj. very silly or unreasonable and deserving to be laughed at
8. 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

ANSWERS: 1. release, 2. incorporate, 3. weighs, 4. transferred, 5. regularly, 6. balance, 7. ridiculous, 8. disease

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

adj. likely to happen or likely to be true

10. The marathon runner covered a long _____ in a short amount of time.

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

11. Trends in the fashion industry are so _____ that it is challenging to keep up with them.

adj. constantly changing or moving

12. His heartaches are less _____ now.

adj. happening constantly

13. He is very popular at school because he can _____ all the teachers' accents.

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

14. She vividly _____ getting laid off several years ago.

v. to remember something

15. The _____ of the oil made it ideal for use in engines.

n. the quality of being slippery, smooth, or polished; moral or ethical looseness or indulgence; sexual desire or lasciviousness

16. The majority of synthetic vitamins are _____ from oil.

v. to make goods in large numbers, usually in a factory using machines

ANSWERS: 9. probable, 10. distance, 11. shifting, 12. frequent, 13. mimic, 14. recalls, 15. lubricity, 16. manufactured

17. Our company must continue to strive for greater _____.
- n.* the state or quality of doing something well with no waste of input such as time or money
18. The disease has _____ all his energy, and he can barely get out of bed.
- v.* to gradually weaken or drain strength, energy, or resources; to undermine or impair someone's confidence or morale
19. The policies he announces can be the _____ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
20. Some researchers claim that even humans can _____ sense earthquakes.
- adv.* as a matter of nature or intuition rather than thought or training
21. Please _____ the screws on the back panel so we can access the inside of the machine.
- v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
22. He _____ carefully on the slippery ice.
- v.* to step or walk on something
23. If necessary, you can _____ the front seats forward.
- v.* to move or cause to move smoothly along a surface without interruption
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

ANSWERS: 17. efficiency, 18. sapped, 19. engine, 20. instinctively, 21. loosen, 22. treads, 23. slide, 24. scenarios

25. He is the kind of _____ who only works for his success.

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

26. The teacher handed out several different colored _____ to each student.

n. a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring

27. My _____ with end-rounded bristles is excellent for gently cleaning my teeth and gums.

n. a small brush with a handle used for cleaning the teeth

28. We have no intention of _____ his idea.

adj. competing, fighting, or working against each other

29. The phone rang at the most _____ time.

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

30. 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

31. 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

ANSWERS: 25. fellow, 26. crayons, 27. toothbrush, 28. opposing, 29. opportune, 30. develop, 31. lens

32. Five miles is _____ similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
33. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
34. The engagement ring was adorned with a large, sparkling _____.
n. a precious stone made from pure carbon, typically transparent and colorless but possibly tinted in various colors; a shape or arrangement resembling the geometric form of a diamond
35. 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
36. Trains are _____ inexpensive, and ideal for long-distance travel.
adj. worthy of being relied on; trustworthy
37. We have decided to extend our _____ contract until next year.
n. the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
38. Her hips _____ as she walks.
v. to move or cause to move up and down or from side to side in short and quick movements
39. I have a parrot as a _____.
n. an animal that you have at home as a companion and treated kindly

ANSWERS: 32. roughly, 33. environment, 34. diamond, 35. rev, 36. reliable, 37. maintenance, 38. wiggle, 39. pet

40. Taking ibuprofen can _____ the pain from a headache.

- v.* to make something, usually pain, distress, or problem, less severe or intense; to ease or lighten a burden

41. The _____ waiter accidentally spilled a tray of drinks on a customer.

- adj.* lacking in grace or skill; awkward; cumbersome

42. The old car was covered in _____ and needed extensive repair work.

- n.* a reddish-brown coating or corrosion layer that forms on iron or steel as a result of exposure to moisture and oxygen; the process of corrosion on metal caused by oxidation

43. I am going to the family _____ to get my teeth cleaned.

- n.* a person who is qualified and licensed to treat people's teeth

44. The project's _____ made it difficult for the team to complete it on time.

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

45. She used a _____ brush to apply her foundation evenly.

- n.* a dry and fine substance that consists of very small, loose particles

46. The corporation _____ dominated the entire tobacco business.

- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

47. The _____ of the two groups is good for brainstorming.

- n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 40. alleviate, 41. clumsy, 42. rust, 43. dentist, 44. complexity, 45. powder, 46. eventually, 47. interaction

48. The car's _____ was impressive, going from 0 to 60 mph in just 5 seconds.

n. a rate of increase in velocity; the rate of change of velocity with respect to time

49. The European Central Bank is Europe's _____ of the Federal Reserve.

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

50. I love wearing _____ socks during the winter to keep my feet warm.

n. a textile fiber obtained from the fleece of sheep or certain other animals, used for making clothing and other fabric items

51. The new washing machine is much more _____ than the old one.

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

52. Please tell me how to _____ this computer.

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

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

adj. considered and evaluated through comparison with something else

54. I sat on the _____ in the park and enjoyed the beautiful scenery.

n. a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

55. Several cities are experiencing _____ high unemployment rates.

adv. in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 48. acceleration, 49. equivalent, 50. wool, 51. efficient, 52. manipulate, 53. relatives, 54. bench, 55. incredibly

56. The salesperson tried to _____ the customer into buying a new car.
v. to attract or lure someone with something desirable or tempting
57. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
58. 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
59. The dentist recommended a _____ cleaning to remove plaque buildup on my teeth.
adj. relating to the supporting structures of teeth, such as the gums, bone, and connective tissue
60. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
61. 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
62. I need to _____ out my dog with a long walk so that he will sleep through the night.
v. to become weary or fatigued, often due to physical or mental exertion; to cause someone to feel weary or fatigued; (noun) a rubber covering that is placed around the rim of a wheel, which provides traction and absorbs shock while driving

ANSWERS: 56. entice, 57. locate, 58. bubble, 59. periodontal, 60. component, 61. injury, 62. tire

63. The _____ graceful movements were a joy to watch.
n. a female ballet (= a type of performance dance that tells a dramatic story or expresses an idea with music but no talking or singing) dancer
64. She wore a _____ dress to the party.
n. a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
65. We met at the campus _____ to study for our upcoming exams.
n. (short for quadrangle) a square or rectangular open area or courtyard, often surrounded by buildings or used for recreational or social purposes
66. The driver had to _____ quickly to avoid hitting the red light.
v. to slow down or reduce the speed of something; to decrease in speed
67. We _____ taking media training every six months.
v. to suggest that someone or something would be a suitable fit for a particular purpose or role
68. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else
69. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
70. The _____ hiker enjoyed feeling the earth beneath their feet.
adj. without shoes or other foot coverings; wearing nothing on the feet

ANSWERS: 63. ballerina's, 64. silk, 65. quad, 66. decelerate, 67. recommend, 68. involves, 69. define, 70. barefoot

71. He accidentally sprained his _____ playing squash.

n. the part or joint connecting the foot to the leg

72. 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

73. They used a special receiver to _____ police radio channels.

v. to observe, check, and track the progress or quality of something over a period of time

74. I always like having a pack of ____ to freshen my breath.

n. a soft, sticky substance that is chewed to freshen the breath or to clean the teeth; the flesh that surrounds the teeth in the mouth

75. Who answers _____ knows little.

adv. quickly and unexpectedly

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

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

77. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.

adj. produced by or containing supernatural powers

78. Could you help me _____ some furniture?

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

ANSWERS: 71. ankle, 72. dam, 73. monitor, 74. gum, 75. suddenly, 76. influence, 77. magical, 78. shift

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

v. to make or become better

80. The committee _____ several apparent inconsistencies.

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

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

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

82. They have been living near water since _____ times.

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

83. 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

84. I always use mint-flavored _____ to refresh my mouth in the morning and at night.

n. a paste or gel used for cleaning the teeth and freshening the breath

85. The dentist removed the _____ from my teeth during my cleaning appointment.

n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

86. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

ANSWERS: 79. improve, 80. investigated, 81. resist, 82. ancient, 83. observe, 84. toothpaste, 85. plaque, 86. Essentially,

87. A bit of _____ on the bow hair helps produce a smooth and clear sound on the cello.
- n.* a solid form of resin that is obtained from conifers and is used to make varnishes, adhesives, and other products; a sticky substance used on the bows of stringed instruments to improve the grip on the strings
88. There are five distinct _____ at five unique wavelengths.
- n.* the act of production or sending out gas, heat, light, etc.
89. 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
90. He slightly modified the _____ of training because it was just before a match.
- n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
91. She studies gardening on a _____ basis.
- n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
92. The _____ of the statue caused much controversy in the community.
- n.* the act of taking something away or off from a particular place
93. The _____ laboratory at the university is equipped with advanced machinery to study the effects of different lubricants.
- n.* the study of the properties and behavior of surfaces in relative motion, including friction, lubrication, wear, and adhesion

ANSWERS: 87. rosin, 88. emissions, 89. encouraged, 90. span, 91. routine, 92. removal, 93. tribology

94. The golfer recorded an _____ distance.

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

95. In southward, the average annual water _____ increases.

n. the amount or number of something; magnitude

96. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.

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

97. One rotten apple spoils the whole _____.

n. a large round container made of wood, metal, or plastic, with flat ends and, usually, curved sides; one of several units of volume

98. NASA is an _____ organization that explores space and improves aviation technology.

adj. pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it

99. She _____ the sore spot on her leg to ease the pain.

v. to move one's hand or an object over the surface of something with pressure

100. The essence of economics is to _____ the allocation of limited resources.

v. to make the best or most effective use of something

101. The wind _____ were spinning rapidly, generating clean energy for the nearby town.

n. a machine that rotates to generate power from fluids such as water or gas

102. The mechanic _____ the gears to prevent them from grinding.

v. to apply a substance, such as oil or grease, to reduce friction or wear on a surface

ANSWERS: 94. amazing, 95. quantity, 96. lab, 97. barrel, 98. aerospace, 99. rubbed, 100. optimize, 101. turbines, 102. lubricated

103. He that would eat the kernel must _____ the nut.

- v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

104. The _____ new car drew everyone's attention as it drove by.

- adj. reflecting light and having a bright and smooth surface

105. No matter how hard I tried, I couldn't _____ the heavy couch from its place in the room.

- v. to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

106. He tried to _____ a bad reputation and win the election.

- v. to succeed in controlling or dealing with something, such as a problem or difficulty; to defeat or overwhelm someone

107. The _____ of friction on the icy road was dangerously low.

- n. a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable

108. After the summit meeting, the prime ministers issued a _____ statement.

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

109. He pulled his waterproof _____ up to protect himself from the rain.

- n. a covering for the head and neck, especially one attached to a garment

110. I will introduce you to how to _____ the leading causes of the malfunction.

- v. to recognize someone or something and say or prove who or what they are

ANSWERS: 103. crack, 104. shiny, 105. budge, 106. overcome, 107. coefficient, 108. joint, 109. hood, 110. identify

111. The _____ to the safe was a secret.

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

112. He was so _____ about his beliefs that he refused to listen to any other points of view.

adj. refusing to change one's mind or behavior despite persuasion or evidence to the contrary; unyielding; difficult to move or change

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

n. a substance that can flow and is not solid

114. I strongly _____ the new proposed law that would harm our environment.

v. to be against or in conflict with something or someone; to resist or to try to prevent something from happening

115. The child _____ out of his mother's grasp and ran off.

v. to twist, wiggle, or contort the body uncomfortably or awkwardly, often due to embarrassment, discomfort, or nervousness

116. Weather forecasters are predicting the _____ of a heatwave.

n. the act or situation of coming or being brought to a place; accomplishment of an objective

117. A desire for success _____ her.

v. to cause a machine or equipment to start to work

118. 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

ANSWERS: 111. combination, 112. stubborn, 113. fluid, 114. oppose, 115. squirmed, 116. arrival, 117. actuated, 118. dynamics

119. The lightning _____ twiggged in several directions.

n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

120. _____ of the people grew until the revolt was unavoidable.

n. the act or process of burning something

121. In our country, water _____ usually decreases during the winter.

n. the amount used or eaten; the act of using up a resource such as energy, food, or materials

122. _____ injuries are common among athletes.

n. a strong, fibrous cord of tissue that connects muscle to bone

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

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

124. Her research team made an important _____.

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

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

adj. of or relating to the inside of something

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

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

ANSWERS: 119. bolt, 120. Combustion, 121. consumption, 122. Tendon, 123. perspective, 124. discovery, 125. internal, 126. colleague

127. Some people believe that we are all _____ for greatness.

- v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

128. He should _____ more with his colleagues.

- v.* to communicate or react with somebody

129. How extraordinarily _____ a liar the camera is.

- adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

130. He sealed the letter with a ____ seal.

- n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

131. The _____ has largely gotten positive feedback.

- n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

132. The dentist asked him to spit out the excess _____ into the sink.

- n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

133. The _____ between the two countries was causing tension.

- n.* the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects

134. The ____ scarcity most severely impacted the manufacturing sector

- n.* a substance that is typically burned to generate heat or energy

ANSWERS: 127. destined, 128. interact, 129. slippery, 130. wax, 131. novel, 132. saliva, 133. friction, 134. fuel

135. Eventually, the new design will _____ all older models.

v. to take the place of something

136. The _____ partially destroyed my vehicle.

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

137. The _____ is boneless, but it is as strong as bones.

n. a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

138. They watched the train _____ into the distance.

v. to cease to exist or be visible

139. 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

ANSWERS: 135. replace, 136. accident, 137. tongue, 138. disappear, 139. basis