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Vocabulary Builder Reference from...

Greg Asner: Ecology from the air | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

hunt

v. to go after and try to catch wild animals to kill them for food, sport, or profit

synonym : chase, pursuit, quest

(1) **hunt** a job, (2) **hunt** after knowledge

Hounds **hunt** their prey by using their keen scent.

savannah

n. a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

synonym : grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

airborne

adj. moved or conveyed by or through the air; in the air

synonym : flying, aerial, floating

(1) **airborne** troop, (2) **airborne** particles

The amount of **airborne** pollen this year is higher than usual.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym : country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and

advanced technology.

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**.

collar

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

synonym: band, neckband

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

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

herd

n. a group of animals of the same type that live or are kept together as livestock

synonym: flock, brood, horde

(1) **herd** of cattle, (2) the common **herd**

He was riding **herd** on the sheep during the day.

impala

n. a medium-sized, fast-running antelope native to Africa, known for its reddish-brown coat, slender body, and long, spiral horns

synonym: antelope, gazelle, deer

(1) grazing **impala**, (2) male **impala**

We saw a beautiful herd of **impala** grazing in the African savannah.

obstruct

v. to block or interfere with the passage, movement, or action of something or someone

synonym: block, impede, hinder

(1) **obstruct** an airway, (2) **obstruct** a bill

The road was blocked by a fallen tree, **obstructing** the path for all vehicles.

vegetation

n. plants in general, particularly those indigenous to a particular region or spot

synonym : flora, leafage, foliage

(1) tropical **vegetation**, (2) dense **vegetation**

The **vegetation** in the area is quite diverse.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym : approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

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.

ambush

n. the act of hiding and waiting for someone before the sudden attack

synonym : trap, surprise, lure

(1) attacking from **ambush**, (2) **ambush** marketing

Armed police officers lay in **ambush** in front of the criminal's house.

dense

adj. containing a large number of people or something with little space between them

synonym : heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

spook

v. to frighten or scare, and often provoke into violent action; (noun) someone unpleasantly strange or eccentric; ghost

synonym: frighten, scare, discomfort

(1) **spook** the fish, (2) **spook** the children

The bankruptcy of that company **spooked** markets.

emphasize

v. to give or show particular importance to something

synonym: highlight, accentuate, stress

(1) **emphasize** her words, (2) **emphasize** a direct relationship

Use italics or capitals to **emphasize** a word in a piece of writing.

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.

ironic

adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

synonym: sarcastic, wry, sardonic

(1) **ironic** result, (2) an **ironic** turn of events

It was **ironic** that the heavy rain started just as they set up for an outdoor picnic.

ecologist

n. a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior

synonym: conservationist, naturalist

(1) behavioral **ecologist**, (2) forestry **ecologist**

The forestry **ecologist** studied the interactions between the different species in the forest's ecosystem.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym : ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

chemistry

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

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

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

biology

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

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

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

boring

adj. lacking interest or excitement; tedious or dull

synonym : dull, tedious, monotonous

(1) **boring** work, (2) **boring** day

The lecture was so **boring** that many people fell asleep.

obsess

v. to fill the mind of someone continually so that one can't think of anything else

synonym : torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

planet

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

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

observatory

n. a building designed and equipped to observe the planets, the stars, the weather, etc.

(1) space **observatory**, (2) a meteorological **observatory**
That astronomical **observatory** stands at the top of the mountain.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym: imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**
I don't **fancy** acting in such an important role.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy
Technological advances have disrupted many industries.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**
The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

pilot

n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

synonym: aviator, flyer, chief

(1) a test **pilot**, (2) **pilot** production

The **pilot** exercised great care in landing.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a

specific activity, particularly in specialist or scientific work

synonym : apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**

This electronic **instrument** is required to undergo periodic inspections to ensure precision.

spectrometer

n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

synonym : spectroscope, analyzer, detector

(1) **spectrometer** measurement, (2) optical **spectrometer**

The infrared **spectrometer** helped identify the chemical composition of the sample.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

composition

n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

synonym : creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

sweeping

adj. extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures

synonym : broad, extensive, vast

(1) **sweeping** changes, (2) **sweeping** landscapes

The **sweeping** views from the mountaintop were breathtaking.

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym : determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

slice

n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by

cutting

synonym : piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin
The children complained because one **slice** of cake was slightly larger than the other.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym : construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

biodiversity

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

kaleidoscope

n. a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events

(1) **kaleidoscope** of cultures, (2) **kaleidoscope** pattern
The **kaleidoscope** of colors in the sunset was breathtaking.

whale

n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

synonym : porpoise, giant

(1) a bull **whale**, (2) **whale** watching

Some countries have a culture of eating the flesh of a **whale**.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym : metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

canopy

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

synonym : cover, top, shade

(1) **canopy** layer, (2) under a **canopy** of smoke

The forest's **canopy** provides shade and protection for the plants and animals below.

occupy

v. to consume all of someone's space, attention, or time

synonym : inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position

The young prince will soon **occupy** the throne.

vantage

n. a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage

synonym : advantage, benefit, edge

(1) strategic **vantage**, (2) gain a **vantage**

From our **vantage** point, we could see the whole city skyline.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

reserve

v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance

synonym : keep, hold, preserve

(1) **reserve** the right, (2) **reserve** a concert ticket

You can easily **reserve** seats over the telephone.

tropical

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

synonym : equatorial, tropic

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

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

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

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.

deforest

v. to clear an area of forest or trees
synonym: clear-cut, strip, denude

(1) **deforest** a mountain, (2) **deforest** millions of acres

The company planned to **deforest** a large rainforest area to make way for a new plantation.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on
synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

sector

n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

synonym: division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

automobile

n. a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

synonym: car, vehicle, motorcar

(1) driverless **automobile**, (2) **automobile** insurance

The **automobile** industry is a major contributor to air pollution in cities.

combine

v. to join or merge to form a single thing or group
synonym: coalesce, cohere, blend

- (1) **combine** chemically with another substance,
(2) **combine** augmented reality

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

policy

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

synonym: strategy, plan, guideline

- (1) health **policy**, (2) foreign **policy**

The company's new **policy** on remote work has made it a more inclusive workplace.

negotiate

v. to have formal discussions with someone to reach an agreement

synonym: discuss, mediate, bargain

- (1) **negotiate** a settlement, (2) **negotiate** the price of the house

We are always happy to **negotiate** a discount.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

- (1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

utter

adj. complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice

synonym: absolute, complete, total

- (1) **utter** nonsense, (2) **utter** a big sigh

The **utter** chaos of the concert crowd made it seem like a wild animal was in the room.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

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

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

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

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.

analyze

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

synonym : explore, examine, investigate

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

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

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym : limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

geography

n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

synonym: landscape, terrain, topography

(1) **geography** class, (2) economic **geography**

She did well on her **geography** exam.

faraway

adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible

synonym: distant, remote, far-off

(1) **faraway** land, (2) **faraway** dream

The view from the **faraway** hilltop was breathtakingly beautiful.

basin

n. a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids

synonym: watershed, bowl

(1) inland **basin**, (2) the **basin** of the Great Salt Lake

Many of the lakes and marshes in the **basin** are mildly salty.

statistics

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

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

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

cathedral

n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

synonym: church, basilica, temple

(1) **cathedral** school, (2) **cathedral** choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

floodplain

n. an area of flat land adjacent to a river or stream that is subject to periodic flooding

synonym: lowland, swamp, delta

(1) **floodplain** area, (2) **floodplain** management

The town was built on a **floodplain**, making it vulnerable to natural disasters.

devastation

n. the act of causing great destruction or damage, often on a large scale

synonym: destruction, ruin, havoc

(1) financial **devastation**, (2) **devastation** to life

The economic recession caused **devastation** in the housing market, with many people losing their homes.

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

swamp

n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

synonym: marsh, mire, bog

(1) muddy **swamp**, (2) **swamp** tour

The lowland **swamp** was full of dangerous animals and poisonous plants.

watery

adj. full of or containing water; wet

synonym: liquid, wet, damp

(1) a **watery** fluid, (2) go to a **watery** grave

The soup was too **watery** and needed more flavor.

akin

adj. similar or related in nature, character, or origin

synonym: similar, related, alike

(1) **akin** to anger, (2) **akin** to the prior experiences

Her interests are **akin** to mine.

avatar

n. (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.

synonym: embodiment, expression, apotheosis

(1) digital **avatar**, (2) the **avatar** of the authority

A person's cyberspace **avatar** often represents the appearance and behavior that the person wants to be.

variation

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

synonym: fluctuation, change, variation

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

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

lowland

n. low-lying country or region

synonym: marshland

(1) **lowland** crop, (2) **lowland** swamp

Much of our territory is located in the **lowland**.

buffer

n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

synonym: cushion, shield, insulation

(1) a **buffer** between the quarreling parents, (2) use a **buffer** to reduce noise

Using a password manager can act as a **buffer** against hackers who try to steal your personal information.

zone

n. a specific area, region, or section that is marked off or defined in some way

synonym: area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

canal

n. a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation

synonym: aqueduct, trench, channel

(1) an ear **canal**, (2) an irrigation **canal**

Our container ship went through the Panama **Canal**.

watershed

n. an area of land that separates rivers that flow to different seas or drainage basins

synonym: divide, separator, boundary

(1) the hydrology of a **watershed**, (2) **watershed** conservation

Watershed management strategies aim to reduce pollution and protect water resources.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

conservation

n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym: preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics

The forest was recently designated a **conservation** area.

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.

advance

v. to go or move forward; to develop in a positive way

synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

curb

v. to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk

synonym: restrain, limit, control

(1) **curb** appetite, (2) **curb** anxiety

He tried to **curb** his anger during the argument with his friend.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

temperature

n. the degree of hotness or coldness of a thing or place

synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

drought

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym : dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

recurring

adj. happening or occurring again periodically or repeatedly

synonym : periodic, constant, frequent

(1) **recurring** payments, (2) **recurring** decimals

A **recurring** back pain interfered with his concentration.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym : branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

negative

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

synonym : minus, adverse, pessimistic

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

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

suffer

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

synonym : endure, undergo, tolerate

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

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

mortality

n. the quality or state of being subject to death

synonym : fatality

(1) **mortality** due to cancer, (2) lower infant **mortality**
This disease has a high **mortality**.

unexplored

adj. not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
synonym: uncharted, undiscovered, untapped

(1) **unexplored** ideas, (2) **unexplored** cave

There are many **unexplored** regions of the ocean that scientists hope to study soon.

migrate

v. to move from one country or region to another and settle there; to move from one place to another periodically or seasonally

synonym: relocate, emigrate, roam

(1) **migrate** across borders, (2) **migrate** a service

Many Germans **migrated** to South America in the mid-19th century.

minimize

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

synonym: diminish, mitigate, belittle

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

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

exposure

n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret

synonym: vulnerability, disclosure, uncovering

(1) a southern **exposure**, (2) the **exposure** of a fraud

The long **exposure** to the air tarnished the antique tableware.

gash

n. a deep cut or wound, especially in the skin

synonym: cut, wound, laceration

(1) **gash** wound, (2) straight **gash**

He received a deep **gash** on his leg from the accident.

- soil** *n.* the top layer of Earth in which plants grow
synonym: earth, ground, mud
(1) **soils** retentive of moisture, (2) parched **soil**
Soil moisture is another significant component controlling soil respiration.
- specie** *n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
synonym: coinage, mintage
(1) **specie** reserve, (2) ground-state **specie**
The store only accepts payment in cash, no credit or debit cards, only **specie**.
- nowhere** *adv.* not in, at, or to any place; not anywhere
(1) **nowhere** else to go, (2) come out of **nowhere**
I've been thinking all day and getting **nowhere**.
- digital** *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
synonym: numerical, computerized, cyber
(1) a **digital** watch, (2) **digital** electronic signature
Sensors convert physical phenomena into **digital** signals.
- illegal** *adj.* not allowed by law
synonym: banned, prohibited, illicit
(1) **illegal** drugs, (2) child of **illegal** immigrants
The customs agents seized the **illegal** shipment.
- pockmark** *n.* a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged
synonym: blemish, scar, pit
(1) **pockmark** scars, (2) acne **pockmarks**
The small **pockmark** on her face was hardly noticeable.

corridor

n. a hallway or passageway, especially one connecting rooms or areas within a building or structure

synonym: hallway, passageway, aisle

(1) walk along a **corridor**, (2) air **corridor**

The long **corridor** was filled with people rushing to get to their rooms before the meeting began.

explicit

adj. stated clearly and in detail, leaving no room for confusion or doubt

synonym: clear, unambiguous, unequivocal

(1) **explicit** content, (2) **explicit** instructions

The movie had an **explicit** sex scene that some viewers might find offensive.

spectroscope

n. an optical instrument used for spectrographic analysis (= measurement of properties of light over a specific portion of the electromagnetic spectrum)

(1) infrared **spectroscope**, (2) Fourier **spectroscope**

An X-ray **spectroscope** can determine the composition of the elements in a sample.

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?

pivotal

adj. relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something

synonym: crucial, essential, important

(1) **pivotal** moment, (2) **pivotal** role

The CEO's decision was **pivotal** in the success of the company's expansion plans.

decision

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

synonym: choice, determination, judgment

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

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

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

fence

n. a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property

synonym: barrier, wall, hedge

(1) **fence** post, (2) a brushwood **fence**

She planted a hedge to serve as a natural **fence** around her garden.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym: endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

responsible

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

synonym: accountable, answerable, liable

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

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

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.

foreground

n. the part of a view, picture, etc., that is nearest to the viewer

(1) **foreground** segmentation, (2) **foreground** galaxy

A happy group of friends occupies the **foreground** of the picture.

soar

v. to fly or rise very high or to a great height, often with great grace or ease

synonym: fly, rise, ascend

(1) **soar** in popularity, (2) **soar** to new heights

The bird **soared** through the sky, and its wings spread wide.

density

n. the quality of compactness of a substance

synonym: tightness, viscosity

(1) population **density**, (2) higher pixel **density**

Do you know the **density** of the population in Hong Kong?

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

- flee** v. to leave by running away, especially out of fear or danger
synonym: exit, escape, run away
(1) **flee** their homes, (2) **flee** abroad
It is a basic instinct to **flee** from a dangerous situation.
- 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.
- tactical** *adj.* relating to or constituting actions, plans, or strategies designed to achieve a particular purpose, especially an aggressive or political purpose; characterized by calculated planning, organization, and effectiveness
synonym: strategic, calculated, planned
(1) **tactical** decision, (2) **tactical** move
The army used **tactical** maneuvers to gain an advantage in battle.
- nuanced** *adj.* characterized by subtle differences in appearance, meaning, sound, etc.
synonym: fine, subtle, slight
(1) **nuanced** view, (2) the common but **nuanced** opinion
The sommelier can distinguish **nuanced** variance in the flavor of the wine.
- extreme** *adj.* very great in amount or degree
synonym: farthestmost, outermost, fierce
(1) **extreme** sports, (2) **extreme** weather events
Solar gravity creates **extreme** pressures and temperatures.
- nowadays** *adv.* at the current time, in comparison to the past
synonym: currently, presently, today
(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

apex

n. the highest point or tip of something

synonym: summit, peak, zenith

(1) **apex** predator, (2) **apex** position

The company reached the **apex** of success in the market.

predator

n. an animal whose natural behavior is to prey on others

synonym: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

greatly

adv. to an extraordinary extent or degree; very much

synonym: enormously, broadly, grandly

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

They **greatly** admired our actions.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

synonym: path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

absolutely

adv. without restriction or limitation; completely or utterly
synonym : completely, utterly, definitely

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

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

critic

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

synonym : pundit, analyst, attacker

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

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

wisdom

n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

synonym : sagacity, discernment, insight

(1) a fountain of **wisdom**, (2) **wisdom** literature

The community greatly respected and sought after the older adult's **wisdom**.

Session 2: Spelling

- | | | |
|--|------|--|
| 1. co____e chemically with another substance | v. | to join or merge to form a single thing or group |
| 2. s__m from a belief | n. | the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in |
| 3. ai____ne particles | adj. | moved or conveyed by or through the air; in the air |
| 4. surgical ins____nts | n. | an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work |
| 5. 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 |
| 6. su____r bad grades | v. | to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant |
| 7. global em____ons of greenhouse gases | n. | the act of production or sending out gas, heat, light, etc. |
| 8. a peaceful la____pe | n. | an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance |

ANSWERS: 1. combine, 2. stem, 3. airborne, 4. instrument, 5. dynamics, 6. suffer, 7. emission, 8. landscape

9. tr____al cyclones *adj.* originating in, located in, or characteristic of the tropics
10. ta____al decision *adj.* relating to or constituting actions, plans, or strategies designed to achieve a particular purpose, especially an aggressive or political purpose; characterized by calculated planning, organization, and effectiveness
11. the mo__o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal
12. ta____al move *adj.* relating to or constituting actions, plans, or strategies designed to achieve a particular purpose, especially an aggressive or political purpose; characterized by calculated planning, organization, and effectiveness
13. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
14. nuclear ph____s *n.* the science of matter and energy and their interactions
15. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
16. a wa____y fluid *adj.* full of or containing water; wet
17. use a bu____r to reduce noise *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

ANSWERS: 9. tropical, 10. tactical, 11. motto, 12. tactical, 13. sensitive, 14. physics, 15. analyze, 16. watery, 17. buffer

18. lower infant mo_____ty *n.* the quality or state of being subject to death
19. the piano passages in the com_____on *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
20. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
21. pi_____l moment *adj.* relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something
22. tr_____al islands *adj.* originating in, located in, or characteristic of the tropics
23. ex_____e weather events *adj.* very great in amount or degree
24. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
25. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
26. tropical veg_____on *n.* plants in general, particularly those indigenous to a particular region or spot
27. severe cr_____c *n.* someone who expresses opinions about the quality of books, music, etc.
28. in_____t biology *n.* any small creature that has six legs and a body divided into three sections

ANSWERS: 18. mortality, 19. composition, 20. decision, 21. pivotal, 22. tropical, 23. extreme, 24. responsible, 25. straight, 26. vegetation, 27. critic, 28. insect

29. optical spe_____ter *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
30. a test pi__t *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
31. laws of ph_____s *n.* the science of matter and energy and their interactions
32. go to a wa___y grave *adj.* full of or containing water; wet
33. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
34. straight g__h *n.* a deep cut or wound, especially in the skin
35. pi_____l role *adj.* relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something
36. air co_____or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
37. ground-state sp___e *n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
38. pe_____t over time *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
39. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.

ANSWERS: 29. spectrometer, 30. pilot, 31. physics, 32. watery, 33. advance, 34. gash, 35. pivotal, 36. corridor, 37. specie, 38. persist, 39. strategy

40. pe____t in success *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
41. de____st a mountain *v.* to clear an area of forest or trees
42. dense veg_____on *n.* plants in general, particularly those indigenous to a particular region or spot
43. health po____y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
44. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
45. muddy sw__p *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
46. flo_____in area *n.* an area of flat land adjacent to a river or stream that is subject to periodic flooding
47. a__x position *n.* the highest point or tip of something
48. co____r of a shirt *n.* a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something
49. in____t antenna *n.* any small creature that has six legs and a body divided into three sections

ANSWERS: 40. persist, 41. deforest, 42. vegetation, 43. policy, 44. statistics, 45. swamp, 46. floodplain, 47. apex, 48. collar, 49. insect

50. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
51. lo_____d crop *n.* low-lying country or region
52. ex_____d a lineup *v.* to increase or to make something greater in size, number, or importance
53. not to be seen no_____ys *adv.* at the current time, in comparison to the past
54. satellite im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
55. f__e their homes *v.* to leave by running away, especially out of fear or danger
56. ex_____it instructions *adj.* stated clearly and in detail, leaving no room for confusion or doubt
57. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
58. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
59. toxic ch_____als *adj.* relating to or connected with chemistry;
60. mi_____ze a loss *v.* to make something, especially something bad, small or less serious

ANSWERS: 50. opportune, 51. lowland, 52. expand, 53. nowadays, 54. imagery, 55. flee, 56. explicit, 57. temperature, 58. resolution, 59. chemical, 60. minimize

61. art cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
62. a ne____ve number *adj.* having the quality of something bad or harmful; expressing refusal
63. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
64. lo____d swamp *n.* low-lying country or region
65. a fountain of wi___m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
66. abs____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
67. h__d of cattle *n.* a group of animals of the same type that live or are kept together as livestock
68. ex____e sports *adj.* very great in amount or degree
69. st____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
70. di____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
71. company mo__o *n.* a phrase or slogan that expresses a guiding principle or goal

ANSWERS: 61. critic, 62. negative, 63. virus, 64. lowland, 65. wisdom, 66. absolutely, 67. herd, 68. extreme, 69. structure, 70. digital, 71. motto

82. mi_____e a service *v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
83. a bu____r between the quarreling parents *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
84. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
85. re_____e the right *v.* to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
86. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
87. une_____ed cave *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
88. em_____ze a direct relationship *v.* to give or show particular importance to something
89. age com_____on of the population *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
90. co____r of a dog *n.* a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something

ANSWERS: 82. migrate, 83. buffer, 84. amazing, 85. reserve, 86. biology, 87. unexplored, 88. emphasize, 89. composition, 90. collar

91. a ch____al compound *adj.* relating to or connected with chemistry;
92. sw__p tour *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
93. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
94. il____l drugs *adj.* not allowed by law
95. a meteorological obs____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
96. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
97. dev____on to life *n.* the act of causing great destruction or damage, often on a large scale
98. a meteorological sa____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
99. c__b appetite *v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk
100. population de____y *n.* the quality of compactness of a substance
101. ob____ct an airway *v.* to block or interfere with the passage, movement, or action of something or someone

ANSWERS: 91. chemical, 92. swamp, 93. soil, 94. illegal, 95. observatory, 96. zone, 97. devastation, 98. satellite, 99. curb, 100. density, 101. obstruct

102. legal co____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
103. bo____g day *adj.* lacking interest or excitement; tedious or dull
104. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
105. a southern ex____re *n.* the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
106. periods of dr____t *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
107. under a ca____y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
108. an ir____c turn of events *adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
109. tr____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
110. 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

ANSWERS: 102. context, 103. boring, 104. slide, 105. exposure, 106. drought, 107. canopy, 108. ironic, 109. transport, 110. distance

111. foreign po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
112. tr_____rm heat into power *v.* to change in outward structure or looks;
113. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
114. kal_____ope of cultures *n.* a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events
115. private se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
116. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
117. soil con_____ion *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
118. an ear ca__l *n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation

ANSWERS: 111. policy, 112. transform, 113. emission, 114. kaleidoscope, 115. sector, 116. background, 117. conservation, 118. canal

119. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
120. oc___y his time *v.* to consume all of someone's space, attention, or time
121. a brushwood fe__e *n.* a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
122. re_____ng payments *adj.* happening or occurring again periodically or repeatedly
123. ut__r nonsense *adj.* complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice
124. ca_____al school *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
125. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
126. ob_____ct a bill *v.* to block or interfere with the passage, movement, or action of something or someone
127. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance

ANSWERS: 119. resolution, 120. occupy, 121. fence, 122. recurring, 123. utter, 124. cathedral, 125. negative, 126. obstruct, 127. expand

128. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
129. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
130. tropical sa_____ah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
131. c__b anxiety *v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk
132. co_____e augmented reality *v.* to join or merge to form a single thing or group
133. fe__e post *n.* a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
134. a__n to the prior experiences *adj.* similar or related in nature, character, or origin
135. wh__e watching *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
136. loss of bio_____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

ANSWERS: 128. laser, 129. climate, 130. savannah, 131. curb, 132. combine, 133. fence, 134. akin, 135. whale, 136. biodiversity

137. military st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
138. ne_____te the price of the house *v.* to have formal discussions with someone to reach an agreement
139. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
140. ca___y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
141. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
142. driverless aut_____le *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
143. parched s__l *n.* the top layer of Earth in which plants grow
144. em_____ze her words *v.* to give or show particular importance to something
145. kal_____ope pattern *n.* a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events

ANSWERS: 137. strategy, 138. negotiate, 139. dense, 140. canopy, 141. imagery, 142. automobile, 143. soil, 144. emphasize, 145. kaleidoscope

146. une_____ed ideas *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
147. male im___a *n.* a medium-sized, fast-running antelope native to Africa, known for its reddish-brown coat, slender body, and long, spiral horns
148. 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
149. wi___m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
150. grazing im___a *n.* a medium-sized, fast-running antelope native to Africa, known for its reddish-brown coat, slender body, and long, spiral horns
151. acne po_____rks *n.* a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged
152. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
153. g__h wound *n.* a deep cut or wound, especially in the skin

ANSWERS: 146. unexplored, 147. impala, 148. develop, 149. wisdom, 150. impala, 151. pockmark, 152. landscape, 153. gash

154. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
155. am____h marketing *n.* the act of hiding and waiting for someone before the sudden attack
156. a bull wh__e *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
157. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
158. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
159. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
160. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
161. fa_____y land *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
162. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
163. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 154. capture, 155. ambush, 156. whale, 157. opportune, 158. fancy, 159. carbon, 160. zoom, 161. faraway, 162. colleague, 163. rainforest

164. the av___r of the authority *n.* (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.
165. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
166. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
167. an irrigation ca__l *n.* a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation
168. sw_____ng landscapes *adj.* extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
169. bio_____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
170. nu_____d view *adj.* characterized by subtle differences in appearance, meaning, sound, etc.
171. spe_____ter measurement *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
172. s__r in popularity *v.* to fly or rise very high or to a great height, often with great grace or ease

ANSWERS: 164. avatar, 165. variation, 166. nation, 167. canal, 168. sweeping, 169. biodiversity, 170. nuanced, 171. spectrometer, 172. soar

173. economic ge_____hy *n.* a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth
174. gr_____y affect the situation *adv.* to an extraordinary extent or degree; very much
175. space obs_____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
176. s__r to new heights *v.* to fly or rise very high or to a great height, often with great grace or ease
177. tropical rai_____st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
178. even more unf_____ely *adv.* by bad luck; unluckily
179. musical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
180. flo_____in management *n.* an area of flat land adjacent to a river or stream that is subject to periodic flooding
181. pi__t production *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
182. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
183. industrial se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

ANSWERS: 173. geography, 174. greatly, 175. observatory, 176. soar, 177. rainforest, 178. unfortunately, 179. instrument, 180. floodplain, 181. pilot, 182. zoom, 183. sector

184. a__n to anger *adj.* similar or related in nature, character, or origin
185. apex pr____or *n.* an animal whose natural behavior is to prey on others
186. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
187. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
188. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
189. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
190. sw____ng changes *adj.* extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
191. sl__e a tomato thin *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

ANSWERS: 184. akin, 185. predator, 186. orbit, 187. stem, 188. virus, 189. carbon, 190. sweeping, 191. slice

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| 192. a__x predator | <i>n.</i> the highest point or tip of something |
| 193. gene va_____on | <i>n.</i> the act or state of changing; a difference or change in the way something is done, made or said |
| 194. Doppler sh__t | <i>n.</i> a slight transition in position, direction, or trend |
| 195. abs_____ly against | <i>adv.</i> without restriction or limitation; completely or utterly |
| 196. at inc_____le speed | <i>adj.</i> unbelievable; enormous |
| 197. access to public tr_____rt | <i>n.</i> a system for moving people or products from one location to another using automobiles, roads, and so on |
| 198. ge_____hy class | <i>n.</i> a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth |
| 199. a criminal bac_____nd | <i>n.</i> the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem |
| 200. ob___s over her weight | <i>v.</i> to fill the mind of someone continually so that one can't think of anything else |
| 201. professor of ch_____ry | <i>n.</i> the branch of the natural sciences dealing with the composition of substances and their properties and reactions |
| 202. digital av___r | <i>n.</i> (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc. |

ANSWERS: 192. apex, 193. variation, 194. shift, 195. absolutely, 196. incredible, 197. transport, 198. geography, 199. background, 200. obsess, 201. chemistry, 202. avatar

203. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
204. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
205. oc___y a position *v.* to consume all of someone's space, attention, or time
206. tec_____cal advancement *adj.* based on scientific and industrial progress
207. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
208. major paradigm sh__t *n.* a slight transition in position, direction, or trend
209. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
210. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
211. ba_____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
212. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

ANSWERS: 203. responsible, 204. satellite, 205. occupy, 206. technological, 207. ecosystem, 208. shift, 209. branch, 210. commerce, 211. balloon, 212. orbit

213. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
214. way to mi_____ze conflict *v.* to make something, especially something bad, small or less serious
215. unf_____ely caught in a shower *adv.* by bad luck; unluckily
216. na____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
217. ob_____s reasons *adj.* easy to see, discover or understand
218. ut__r a big sigh *adj.* complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice
219. his conclusion was ob_____s *adj.* easy to see, discover or understand
220. inland ba__n *n.* a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids
221. forestry ec_____st *n.* a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior

ANSWERS: 213. decision, 214. minimize, 215. unfortunately, 216. nation, 217. obvious, 218. utter, 219. obvious, 220. basin, 221. ecologist

231. sexual pr____ors *n.* an animal whose natural behavior is to prey on others
232. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
233. tr_____rm an education system *v.* to change in outward structure or looks;
234. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
235. bo___g work *adj.* lacking interest or excitement; tedious or dull
236. br___h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
237. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
238. 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
239. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
240. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
241. inc_____le amount *adj.* unbelievable; enormous

ANSWERS: 231. predator, 232. ecosystem, 233. transform, 234. hunt, 235. boring, 236. branch, 237. hunt, 238. dynamics, 239. laser, 240. zone, 241. incredible

242. infrared spe_____ope *n.* an optical instrument used for spectrographic analysis (= measurement of properties of light over a specific portion of the electromagnetic spectrum)
243. po_____rk scars *n.* a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged
244. fa_____y dream *adj.* located at a geographically distant place; remote or separated by distance; distant or not easily accessible
245. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
246. re_____e a concert ticket *v.* to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
247. de_____st millions of acres *v.* to clear an area of forest or trees
248. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
249. sp__k the fish *v.* to frighten or scare, and often provoke into violent action; (noun) someone unpleasantly strange or eccentric; ghost
250. attacking from am____h *n.* the act of hiding and waiting for someone before the sudden attack
251. the common but nu_____d opinion *adj.* characterized by subtle differences in appearance, meaning, sound, etc.

ANSWERS: 242. spectroscope, 243. pockmark, 244. faraway, 245. structure, 246. reserve, 247. deforest, 248. colleague, 249. spook, 250. ambush, 251. nuanced

252. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
253. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
254. mi_____e across borders *v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
255. behavioral ec_____st *n.* a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior
256. sp_____e reserve *n.* coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules
257. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
258. the local chamber of co_____ce *n.* the activity of buying and selling things, especially on a large scale
259. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
260. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 252. digital, 253. amazing, 254. migrate, 255. ecologist, 256. specie, 257. context, 258. commerce, 259. capture, 260. statistics

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| 261. ai_____ne troop | <i>adj.</i> moved or conveyed by or through the air; in the air |
| 262. financial dev_____on | <i>n.</i> the act of causing great destruction or damage, often on a large scale |
| 263. f__e abroad | <i>v.</i> to leave by running away, especially out of fear or danger |
| 264. the common h__d | <i>n.</i> a group of animals of the same type that live or are kept together as livestock |
| 265. ad_____e the technology | <i>v.</i> to go or move forward; to develop in a positive way |
| 266. sp__k the children | <i>v.</i> to frighten or scare, and often provoke into violent action; (noun) someone unpleasantly strange or eccentric; ghost |
| 267. for_____nd segmentation | <i>n.</i> the part of a view, picture, etc., that is nearest to the viewer |
| 268. the hydrology of a wa_____ed | <i>n.</i> an area of land that separates rivers that flow to different seas or drainage basins |
| 269. strategic va_____e | <i>n.</i> a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage |
| 270. the atmospheric tem_____re | <i>n.</i> the degree of hotness or coldness of a thing or place |
| 271. ir___c result | <i>adj.</i> using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect |

ANSWERS: 261. airborne, 262. devastation, 263. flee, 264. herd, 265. advance, 266. spook, 267. foreground, 268. watershed, 269. vantage, 270. temperature, 271. ironic

272. ex_____it content *adj.* stated clearly and in detail, leaving no room for confusion or doubt
273. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
274. gr_____y support that player *adv.* to an extraordinary extent or degree; very much
275. ca_____al choir *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
276. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
277. young people no_____ys *adv.* at the current time, in comparison to the past
278. the ba__n of the Great Salt Lake *n.* a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids
279. Fourier spe_____ope *n.* an optical instrument used for spectrographic analysis (= measurement of properties of light over a specific portion of the electromagnetic spectrum)
280. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 272. explicit, 273. planet, 274. greatly, 275. cathedral, 276. sensitive, 277. nowadays, 278. basin, 279. spectroscope, 280. chemistry

281. he is ob___sed with the fear *v.* to fill the mind of someone continually so that one can't think of anything else
282. for_____nd galaxy *n.* the part of a view, picture, etc., that is nearest to the viewer
283. tec_____cal policy *adj.* based on scientific and industrial progress
284. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
285. a sl___e of the company's revenue *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
286. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
287. no_____e else to go *adv.* not in, at, or to any place; not anywhere
288. walk along a co_____or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
289. sl___e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
290. aut_____le insurance *n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
291. mo_____ty due to cancer *n.* the quality or state of being subject to death
292. gain a va_____e *n.* a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage

ANSWERS: 281. obsess, 282. foreground, 283. technological, 284. analyze, 285. slice, 286. biology, 287. nowhere, 288. corridor, 289. slide, 290. automobile, 291. mortality, 292. vantage

ANSWERS:

Session 3: Fill in the Blanks

1. The _____ of Japan is known for its unique culture and advanced technology.
n. a large organized community of people living in a particular country or region and having a particular culture

2. The long _____ was filled with people rushing to get to their rooms before the meeting began.
n. a hallway or passageway, especially one connecting rooms or areas within a building or structure

3. 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

4. She did well on her _____ exam.
n. a field of science devoted to the study of the lands, features, inhabitants, and phenomena of the Earth

5. The company reached the _____ of success in the market.
n. the highest point or tip of something

6. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
n. a phrase or slogan that expresses a guiding principle or goal

7. Enhanced rail _____ is crucial for our business.
n. a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 1. nation, 2. corridor, 3. distance, 4. geography, 5. apex, 6. motto, 7. transportation

8. The _____ stained glass windows depicted scenes from the Bible.
n. the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
9. 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
10. She planted a hedge to serve as a natural _____ around her garden.
n. a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
11. The army used _____ maneuvers to gain an advantage in battle.
adj. relating to or constituting actions, plans, or strategies designed to achieve a particular purpose, especially an aggressive or political purpose; characterized by calculated planning, organization, and effectiveness
12. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
13. The soup was too _____ and needed more flavor.
adj. full of or containing water; wet
14. Hounds _____ their prey by using their keen scent.
v. to go after and try to catch wild animals to kill them for food, sport, or profit
15. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air

ANSWERS: 8. cathedral's, 9. colleague, 10. fence, 11. tactical, 12. opportune, 13. watery, 14. hunt, 15. zoomed

16. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
17. The company's new _____ on remote work has made it a more inclusive workplace.
n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
18. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
19. The forest was recently designated a _____ area.
n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
20. The customs agents seized the _____ shipment.
adj. not allowed by law
21. The road was blocked by a fallen tree, _____ the path for all vehicles.
v. to block or interfere with the passage, movement, or action of something or someone
22. We must _____ a new system to streamline our workflow and increase efficiency.
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 16. temperatures, 17. policy, 18. strategy, 19. conservation, 20. illegal, 21. obstructing, 22. develop

23. This movie is famous for its romantic _____.
- n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
24. This electronic _____ is required to undergo periodic inspections to ensure precision.
- n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
25. Many Germans _____ to South America in the mid-19th century.
- v.* to move from one country or region to another and settle there; to move from one place to another periodically or seasonally
26. The _____ industry is a major contributor to air pollution in cities.
- n.* a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
27. He made a New Year's _____ to exercise more and eat healthier.
- n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
28. A person's cyberspace _____ often represents the appearance and behavior that the person wants to be.
- n.* (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.
29. He received a deep _____ on his leg from the accident.
- n.* a deep cut or wound, especially in the skin

ANSWERS: 23. imagery, 24. instrument, 25. migrated, 26. automobile, 27. resolution, 28. avatar, 29. gash

30. Her response revealed _____ idiocy.

adj. unbelievable; enormous

31. From our _____ point, we could see the whole city skyline.

n. a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage

32. The company's hiring criteria emphasize personality, not a person's _____.

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

33. The golfer recorded an _____ distance.

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

34. They _____ admired our actions.

adv. to an extraordinary extent or degree; very much

35. The store only accepts payment in cash, no credit or debit cards, only _____.

n. coins or notes in a currency, as distinct from paper money; a chemical substance or group made up of identical molecules

36. Many of the lakes and marshes in the _____ are mildly salty.

n. a natural depression or valley that is circular or oval on the surface of the earth, especially one that has water in it; a container with a bowl form that is typically used to hold food or liquids

37. The teacher attempted to _____ the root cause of our mistake.

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

ANSWERS: 30. incredible, 31. vantage, 32. background, 33. amazing, 34. greatly, 35. specie, 36. basin, 37. analyze

38. I bought a gadget before my trip to help _____ stress during the flight.
v. to make something, especially something bad, small or less serious
39. My father's death _____ my life completely.
v. to change in outward structure or looks;
40. A happy group of friends occupies the _____ of the picture.
n. the part of a view, picture, etc., that is nearest to the viewer
41. The company planned to _____ a large rainforest area to make way for a new plantation.
v. to clear an area of forest or trees
42. The town was built on a _____ making it vulnerable to natural disasters.
n. an area of flat land adjacent to a river or stream that is subject to periodic flooding
43. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
44. Trees absorb _____ dioxide and give off oxygen.
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
45. Their innovative concepts were consistent across their bodies of _____.
n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

ANSWERS: 38. minimize, 39. transformed, 40. foreground, 41. deforest, 42. floodplain, 43. decision, 44. carbon, 45. composition

46. The lowland _____ was full of dangerous animals and poisonous plants.
n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
47. The _____ views from the mountaintop were breathtaking.
adj. extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
48. Launching an artificial _____ contributed to the technological development of our country.
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
49. _____ management strategies aim to reduce pollution and protect water resources.
n. an area of land that separates rivers that flow to different seas or drainage basins
50. A _____ back pain interfered with his concentration.
adj. happening or occurring again periodically or repeatedly
51. It was _____ that the heavy rain started just as they set up for an outdoor picnic.
adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
52. He's utterly _____ with his promotion.
v. to fill the mind of someone continually so that one can't think of anything else

ANSWERS: 46. swamp, 47. sweeping, 48. satellite, 49. Watershed, 50. recurring, 51. ironic, 52. obsessed

53. The sommelier can distinguish _____ variance in the flavor of the wine.
adj. characterized by subtle differences in appearance, meaning, sound, etc.
54. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
n. all the plants and living creatures in an area and the way they affect each other and the environment
55. The community greatly respected and sought after the older adult's _____.
n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
56. The view from the _____ hilltop was breathtakingly beautiful.
adj. located at a geographically distant place; remote or separated by distance; distant or not easily accessible
57. Much of our territory is located in the _____.
n. low-lying country or region
58. The movie had an _____ sex scene that some viewers might find offensive.
adj. stated clearly and in detail, leaving no room for confusion or doubt
59. The teacher is very _____ to children's feelings.
adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
60. It is a basic instinct to _____ from a dangerous situation.
v. to leave by running away, especially out of fear or danger

ANSWERS: 53. nuanced, 54. ecosystem, 55. wisdom, 56. faraway, 57. lowland, 58. explicit, 59. sensitive, 60. flee

61. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

62. Our container ship went through the Panama _____.

n. a long and narrow strip of water made artificially either for boats and ships to travel along or for irrigation

63. There are many _____ regions of the ocean that scientists hope to study soon.

adj. not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered

64. The bankruptcy of that company _____ markets.

v. to frighten or scare, and often provoke into violent action; (noun) someone unpleasantly strange or eccentric; ghost

65. Mercury is the closest _____ to the sun.

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

66. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

67. Could you help me _____ some furniture?

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

68. An X-ray _____ can determine the composition of the elements in a sample.

n. an optical instrument used for spectrographic analysis (= measurement of properties of light over a specific portion of the electromagnetic spectrum)

ANSWERS: 61. physics, 62. Canal, 63. unexplored, 64. spooked, 65. planet, 66. Technological, 67. shift, 68. spectroscope

69. We saw a beautiful herd of _____ grazing in the African savannah.
- n.* a medium-sized, fast-running antelope native to Africa, known for its reddish-brown coat, slender body, and long, spiral horns
70. The technology _____ is constantly evolving and innovating.
- n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
71. The CEO's decision was _____ in the success of the company's expansion plans.
- adj.* relating to or acting as a pivot or central point; crucial or essential to the success or outcome of something
72. The young prince will soon _____ the throne.
- v.* to consume all of someone's space, attention, or time
73. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
74. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management
75. The destruction of the _____ is a ticking time bomb for the Earth.
- n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
76. The birds live in tropical forests, _____ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

ANSWERS: 69. impala, 70. sector, 71. pivotal, 72. occupy, 73. context, 74. responsible, 75. rainforest, 76. savannahs,

77. Using a password manager can act as a _____ against hackers who try to steal your personal information.

n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

78. Some countries have a culture of eating the flesh of a _____.

n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities

79. Sensors convert physical phenomena into _____ signals.

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

80. Hydrogen and oxygen _____ to form water.

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

81. Do you know the _____ of the population in Hong Kong?

n. the quality of compactness of a substance

82. This company has invested heavily in Internet _____.

n. the activity of buying and selling things, especially on a large scale

83. I've been thinking all day and getting _____.

adv. not in, at, or to any place; not anywhere

84. They hope to _____ their business worldwide.

v. to increase or to make something greater in size, number, or importance

ANSWERS: 77. buffer, 78. whale, 79. digital, 80. combine, 81. density, 82. commerce, 83. nowhere, 84. expand

85. The country was instrumental in promoting the _____ treaty.
n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
86. You can easily _____ seats over the telephone.
v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
87. The _____ of the tree had fallen and blocked the road.
n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
88. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
89. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
90. The satellite _____ slowly ascended into the sky.
n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
91. The amount of _____ pollen this year is higher than usual.
adj. moved or conveyed by or through the air; in the air
92. The bird _____ through the sky, and its wings spread wide.
v. to fly or rise very high or to a great height, often with great grace or ease

ANSWERS: 85. biodiversity, 86. reserve, 87. branch, 88. chemical, 89. laser, 90. balloon, 91. airborne, 92. soared

93. The long _____ to the air tarnished the antique tableware.
n. the state of being in a particular situation or place where there is no protection from or guarantee to something harmful; the disclosure of something secret
94. Armed police officers lay in _____ in front of the criminal's house.
n. the act of hiding and waiting for someone before the sudden attack
95. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape
96. The economic recession caused _____ in the housing market, with many people losing their homes.
n. the act of causing great destruction or damage, often on a large scale
97. The entire mountain is covered in _____ rainforest.
adj. containing a large number of people or something with little space between them
98. There is a lot of _____ in the colors of flowers in the garden.
n. the act or state of changing; a difference or change in the way something is done, made or said
99. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
100. We are always happy to _____ a discount.
v. to have formal discussions with someone to reach an agreement

ANSWERS: 93. exposure, 94. ambush, 95. capture, 96. devastation, 97. dense, 98. variation, 99. negative, 100. negotiate

101. The rocket engine is used to put the satellite into _____.

- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

102. He was riding _____ on the sheep during the day.

- n.* a group of animals of the same type that live or are kept together as livestock

103. The lecture was so _____ that many people fell asleep.

- adj.* lacking interest or excitement; tedious or dull

104. I don't _____ acting in such an important role.

- v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

105. Recent electoral shocks have shaken the political _____ in Europe.

- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

106. An infected person in the hospital will likely pass the _____ to others.

- n.* a tiny infectious organic material that causes disease in people, animals, and plants

107. He tried to _____ his anger during the argument with his friend.

- v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk

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

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

ANSWERS: 101. orbit, 102. herd, 103. boring, 104. fancy, 105. landscape, 106. virus, 107. curb, 108. critics

109. A rose has thorns on its _____.

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

110. The infrared _____ helped identify the chemical composition of the sample.

n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

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

adj. easy to see, discover or understand

112. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

113. Use italics or capitals to _____ a word in a piece of writing.

v. to give or show particular importance to something

114. The native South American animals were in danger because of the _____ arrival.

n. an animal whose natural behavior is to prey on others

115. The organizational _____ of start-ups is often flat and straightforward.

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

116. The _____ chaos of the concert crowd made it seem like a wild animal was in the room.

adj. complete, total, or absolute; said, done, or experienced without any exceptions or qualifications; spoken aloud or enunciated very clearly and distinctly; (verb) to speak or articulate words, sounds, or a voice

ANSWERS: 109. stem, 110. spectrometer, 111. obvious, 112. absolutely, 113. emphasize, 114. predator's, 115. structure, 116. utter

117. There are five distinct _____ at five unique wavelengths.

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

118. These _____ are more prevalent above a certain latitude.

n. any small creature that has six legs and a body divided into three sections

119. Scientific knowledge will _____ significantly with the power of AI.

v. to go or move forward; to develop in a positive way

120. The _____ of colors in the sunset was breathtaking.

n. a toy or optical instrument made up of mirrors and pieces of colored glass or plastic, which produce changing patterns and images when rotated; a constantly changing succession of different things or events

121. The _____ exercised great care in landing.

n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

122. The region has been experiencing a severe _____ leading to water shortages and crop failures.

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

123. In junior high school, we had to dissect a frog in _____ class.

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

124. Consult your doctor if the symptoms _____.

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

ANSWERS: 117. emissions, 118. insects, 119. advance, 120. kaleidoscope, 121. pilot, 122. drought, 123. biology, 124. persist

125. He was reluctant to leave his comfort _____ and try something new.
n. a specific area, region, or section that is marked off or defined in some way
126. The forest's _____ provides shade and protection for the plants and animals below.
n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
127. That astronomical _____ stands at the top of the mountain.
n. a building designed and equipped to observe the planets, the stars, the weather, etc.
128. The children complained because one _____ of cake was slightly larger than the other.
n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
129. Her interests are _____ to mine.
adj. similar or related in nature, character, or origin
130. 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
131. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow
132. Solar gravity creates _____ pressures and temperatures.
adj. very great in amount or degree

ANSWERS: 125. zone, 126. canopy, 127. observatory, 128. slice, 129. akin, 130. dynamics, 131. Soil, 132. extreme

133. The forestry _____ studied the interactions between the different species in the forest's ecosystem.
- n.* a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior
134. _____ storm Marco is making his way along the coast of Florida.
- adj.* originating in, located in, or characteristic of the tropics
135. The small _____ on her face was hardly noticeable.
- n.* a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged
136. He put on his _____ and tie before leaving for work.
- n.* a band of material worn around the neck, typically forming part of a shirt or jacket; (verb) to grab or catch hold of someone or something
137. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
138. The _____ in the area is quite diverse.
- n.* plants in general, particularly those indigenous to a particular region or spot
139. This disease has a high _____.
- n.* the quality or state of being subject to death
140. He is familiar with _____ and biology.
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 133. ecologist, 134. Tropical, 135. pockmark, 136. collar, 137. Climate, 138. vegetation, 139. mortality, 140. chemistry

141. The treatments were done but, _____ were unsuccessful.

adv. by bad luck; unluckily

142. If necessary, you can _____ the front seats forward.

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

143. He was sick for five _____ days.

adj. extending or moving in one direction without bending or curving; having no deviations

144. People can clone a sheep _____.

adv. at the current time, in comparison to the past

145. The _____ demonstrate that poverty and unemployment are genuine problems.

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

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

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

ANSWERS: 141. unfortunately, 142. slide, 143. straight, 144. nowadays, 145. statistics, 146. suffers