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Vocabulary Builder Reference from...

Ilissa Ocko: The fastest way to slow climate change now | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

metric

adj. using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic

synonym : metrical, measured

(1) **metric** units, (2) key performance **metrics**

In the **metric** system, measurements are made in meters and liters.

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.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out

of him.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

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.

equivalent

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

synonym: equal, counterpart, match

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

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

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

pollution

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

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.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

entirely

adv. completely

synonym: completely, fully, totally

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

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

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

fuel

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

synonym: energy, power, gas

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

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

livestock

n. farm animals and birds such as cows, sheep, and chickens

synonym : cattle, oxen, herd

(1) **livestock** agriculture, (2) **livestock** industry

Livestock feed is made from fodder crops.

absorb

v. to take in a fluid or other substance gradually

synonym : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

mass

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

synonym : abundance, crowd, mob

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

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

relate

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

synonym : connect, link, associate

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

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

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

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.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

linger

v. to stay in a place or exist longer than expected

synonym: dawdle, tarry, loiter

(1) **linger** in the mind, (2) **linger** over your work

She **lingered** for a moment before leaving the room.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym: accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

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.

eventually

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

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed
The corporation **eventually** dominated the entire tobacco business.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

generation

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym: cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

devastating

adj. causing a great deal of destruction or damage

synonym: destructive, annihilative, disastrous

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

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

distant

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

synonym: far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

aim

v. to try or plan to get or achieve something

synonym: aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

identify

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

synonym:

determine, specify, recognize

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

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

worsen

v. to become or make something worse

synonym: languish, degenerate, degrade

(1) **worsen** a relation, (2) **worsen** the food problem

Unilateral import bans have **worsened** that country's terms of trade.

dam

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

synonym: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

gradual

adj. happening slowly over a long period of time or distance; not steep or abrupt

synonym: incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

buildup

n. the accumulation or increase of something over time

synonym: accumulation, increase, growth

(1) lactic acid **buildup**, (2) huge military **buildup**

The **buildup** of stress over time can lead to health problems.

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.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

agriculture

n. the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

extract

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

synonym: excerpt, quote, distillation

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

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

coal

n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym: ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants

We combust **coal** and other fossil fuels to generate electricity.

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.

pipeline

n. a very long large tube that is usually underground and is used for carrying liquid or gas for long distances

synonym: channel, line

(1) a data **pipeline**, (2) **pipeline** facilities

Rebels sabotaged the main **pipeline** supplying oil.

leak

v. to allow liquid or gas to get in or out from a hole or crack in a pipe or container

synonym: outflow, divulge, disclose

(1) **leak** data, (2) **leak** a classified memo

He **leaked** serious accounting irregularities that only people in the company's executive could know.

offset

v. to compensate for or counterbalance one influence against an opposing influence

synonym: balance, cancel out, countervail

(1) **offset** deposits and withdrawals, (2) **offset** a loss

Strong growth in core business **offsets** losses in other business segments.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

valve

n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

synonym: tap, spigot, faucet

(1) electromagnetic **valve**, (2) **valve** control

The **valve** on the pipeline was leaking, so maintenance had to shut it off to make repairs.

gasket

n. a mechanical seal or packing that fills the space between two mating surfaces to prevent leaks or gaps, typically made of rubber, silicone, or other flexible materials

synonym: seal, packing, washer

(1) engine **gasket**, (2) **gasket** packing

The engine overheated due to a leak in the cylinder head **gasket**.

tune

n. a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

synonym : melody, harmony, (verb) adjust

(1) the **tune** of a song, (2) **tune** a piano

The band played a beautiful **tune** on their instruments.

engine

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

synonym : motor, locomotive, driver

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

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

implement

v. to put a decision, plan, or system into effect

synonym : execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

government

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

synonym : administration, regime, state

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

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

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

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

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

deprive

v. to take away something from someone

synonym : deny, take away, divest

(1) **deprive** others of profit, (2) **deprive** him of his status
He was **deprived** of his freedom when sentenced to life in prison.

detect

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

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders
The security camera has **detected** four intruders.

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.

handheld

adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

synonym: portable, mobile, compact

(1) **handheld** device, (2) **handheld** camera

The technician used a **handheld** tool to fix the machine.

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.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

aircraft

n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter

synonym: airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system

The marine **aircraft** manufacturer demonstrated their newest hydroplane.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym: hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

universe

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

synonym: cosmos, macrocosm

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

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

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.

locate

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

synonym: discover, find, place

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

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

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

quantity

n. the amount or number of something; magnitude

synonym : abundance, portion, amount

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

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

globe

n. the earth or world, mainly used to emphasize its vastness

synonym : Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

unprecedented

adj. never having been seen, done, or known before

synonym : novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

precision

n. the quality or condition of being exact and accurate

synonym : accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym : projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel
The **rocket** launch platform is visible from this hill.

plumbing

n. the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems

synonym : pipefitting, piping

(1) **plumbing** problem, (2) **plumbing** service

The **plumbing** in my house needs to be replaced because it keeps leaking.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

decompose

v. to break down or cause to break down over time into simpler substances or elements

synonym : break down, rot, spoil

(1) **decompose** matter, (2) **decompose** into simpler molecules

After the earthquake, many of the buildings in the city were left in ruins and began to **decompose**.

garbage

n. waste material, especially food waste and kitchen refuse

synonym : waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

landfill

n. a site for the disposal of waste materials

synonym : dump, trash-yard, waste-yard

(1) disposal in a **landfill**, (2) **landfill** sites

This country faces problems in finding enough suitable **landfill** sites.

sludge

n. a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful

synonym: muck, ooze, mire

(1) **sludge** treatment, (2) **sludge** removal

The **sludge** at the bottom of the river was a toxic hazard for marine life.

wastewater

n. water that contains waste substances from homes, farms, factories, etc.

synonym: drainage, sewerage

(1) **wastewater** disposal equipment, (2) biological **wastewater**

As that country developed its industry, it began to invest more in **wastewater** treatment technology.

trash

n. discarded material, refuse, or waste

synonym: garbage, waste, refuse

(1) **trash** bin, (2) **trash** disposal site

The city is taking measures to reduce the amount of **trash** in the streets.

compact

adj. closely and firmly united or packed together, using very little space; smaller than is usual

synonym: packed, tight, consolidated

(1) a **compact** camera, (2) extremely **compact** device

Two countries acted together as if by **compact**.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

vacuum

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

synonym: void, emptiness, gap

(1) **vacuum** cleaner, (2) **vacuum** packing

Please use the **vacuum** to clean up the mess on the floor.

generate

v. to produce or create something; to make offspring by reproduction

synonym: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

packed

adj. extremely full of people; very crowded

synonym: jammed, crowded, consolidated

(1) **packed** audience, (2) a romance- **packed** movie

The drama is fascinating and action- **packed**.

compost

n. a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

synonym: fertilizer, humus, manure

(1) organic **compost**, (2) **compost** pile

You can add coffee grounds and crushed eggshells to your **compost** to improve the pH balance.

release

v. to set free or allow to escape from confinement
synonym : free, let go, discharge

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

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

exciting

adj. causing a lot of interest or excitement
synonym : exhilarating, stimulating, thrilling

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

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

horizon

n. the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated

synonym : skyline, view, visible boundary

(1) the event **horizon** of a black hole, (2) business **horizon**

As the sun set, the colors of the sky merged with the **horizon**, creating a beautiful orange and pink hue.

cattle

n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals

synonym : cows, herd, oxen

(1) **cattle** barn, (2) **cattle** hide

The **cattle** are on the grassland and grazing.

belch

v. to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

synonym : burp, eruct, rumble

(1) **belch** chemical waste into the atmosphere, (2) **belch** loudly

The bubbling mud in the hot spring occasionally **belch** up a foul odor.

digest

v. to transform food into absorbable substances; break down

synonym : absorb, condense

(1) **digest** information, (2) help **digest** food

Most babies can readily **digest** a wide variety of foods.

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.

supplement

n. something that is added to something else to make it better or complete it

synonym : complement, addendum, accessory

(1) wage **supplement**, (2) use of dietary **supplements**

Certain **supplements** may promote tumor growth.

suppress

v. to bring something under control by force or authority; to put an end by force

synonym : subdue, bury, stifle

(1) **suppress** a yawn, (2) **suppress** a revolt

The doctor prescribed medication to **suppress** the patient's appetite.

cow

n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

synonym : bovine, cattle, kine

(1) **cow** herd, (2) dairy **cow**

The farmer milked the **cows** every morning before breakfast.

gut

n. the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something

difficult or unpleasant

synonym : belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

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.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym : attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

lagoon

n. a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean

synonym : pond, pool, bayou

(1) **lagoon** island, (2) **lagoon** paradise

The mangroves around the **lagoon** provide a habitat for a unique ecosystem

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.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide
Sow early for an early **crop**.

staple

adj. essential, crucial, or regularly used

synonym: essential, fundamental, pivotal

(1) **staple** commodities, (2) **staple** crop

Rice and beans are a **staple** food in many cultures.

flood

n. a large amount of water flowing beyond its normal limits;
an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

microbe

n. a tiny living thing that can only be seen with a
microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

slash

v. to cut with a sharp object using a quick and robust
movement

synonym: cut, gash

(1) **slash** a person with a knife, (2) price **slash**

The government had to **slash** national defense spending due
to the recession.

improvisation

n. the act of making something up on the spot or creating
or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only
improvisation.

maintain

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

synonym : preserve, uphold, sustain

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

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

shallow

adj. not having much distance from the top to the bottom

synonym : superficial, external, surface

(1) **shallow** people, (2) **shallow** water

Shallow brooks are noisier than deep rivers.

operator

n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

synonym : controller, handler, manipulator

(1) **operator** error, (2) an elevator **operator**

The **operator** of the machine must follow strict safety protocols.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

affordable

adj. not expensive and able to pay

synonym : cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution

The automaker has been providing **affordable** car financing options since last year.

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**.

standalone

adj. (of computer hardware or software) able to operate the system without being connected to other hardware or software; (also stand-alone) capable of working independently

(1) **standalone** application, (2) **standalone** approach

We never prescribe medication as a **standalone** treatment.

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.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

contribution

n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

synonym: donation, gift, offering

(1) make a positive **contribution**, (2) **contribution** to society

His **contribution** to the charity was a generous donation of money.

strengthen

v. to become stronger or more effective; to make someone or something stronger or more effective

synonym: reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

lifetime

n. the duration of someone's life or something's existence;
synonym: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

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**.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

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**.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

brake

n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym : damper, restraint, check

(1) apply the **brake**, (2) **brake** pedal

The results of that election put a **brake** on political reform.

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.

wildfire

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

synonym : blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**

The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

ozone

n. a poisonous gas with the chemical formula O₃, which has a strong smell

(1) **ozone** depletion, (2) atmospheric **ozone**

The **ozone** layer is vital for blocking some harmful sun rays.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym : susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

inequity

n. a lack of fairness or justice; an unfair or unequal situation or practice

synonym: injustice, unfairness, bias

(1) **inequity** in education, (2) market **inequity**

There's an **inequity** in the criminal justice system that needs to be addressed.

fast-forward

v. to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

synonym: advance, hasten, speed up

(1) **fast-forward** 10 seconds, (2) **fast-forward** to the good part

I like to **fast-forward** through commercials when watching TV shows.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

reduction

n. a decrease in size, amount, or degree

synonym: diminution, decrease, cutback

(1) **reduction** strategy, (2) a gradual **reduction**

The **reduction** in carbon emissions has been significant since the implementation of the new policy.

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.

unlikely

adj. not probable or likely to happen

synonym : doubtful, questionable, far-fetched

(1) **unlikely** event, (2) it is **unlikely** that he would win the game

The passage of the bill is **unlikely**.

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.

trigger

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

synonym : activate, spark, drive

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

The incident **triggered** a political controversy.

polar

adj. relating to, or close to, the North or South Pole; characterized by complete opposites

synonym : opposing, contrary, contrasting

(1) **polar** bears, (2) **polar** regions

Polar animals are graceful and efficient swimmers.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym : scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

Session 2: Spelling

- | | |
|---|---|
| 1. wi_____re spread | <i>n.</i> a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope |
| 2. ad__t as needed | <i>v.</i> to make fit for or change to suit a new purpose or environment |
| 3. id_____fy gene sequences | <i>v.</i> to recognize someone or something and say or prove who or what they are |
| 4. his research area of
con_____ion | <i>n.</i> the ability to focus all your time and energy on one thing without thinking about anything else. |
| 5. a ne_____ve number | <i>adj.</i> having the quality of something bad or harmful; expressing refusal |
| 6. motion se____r lighting | <i>n.</i> a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner |
| 7. student on a ti__t budget | <i>adj.</i> fixed, fastened, or kept together firmly or closely |
| 8. sl____e treatment | <i>n.</i> a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful |
| 9. ab____b a shock | <i>v.</i> to take in a fluid or other substance gradually |
| 10. st_____re and function of the brain | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |

ANSWERS: 1. wildfire, 2. adapt, 3. identify, 4. concentration, 5. negative, 6. sensor, 7. tight, 8. sludge, 9. absorb, 10. structure

11. l__k data *v.* to allow liquid or gas to get in or out from a hole or crack in a pipe or container
12. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
13. ad_____e the technology *v.* to go or move forward; to develop in a positive way
14. pl_____ng service *n.* the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems
15. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
16. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
17. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
18. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
19. oz__e depletion *n.* a poisonous gas with the chemical formula O₃, which has a strong smell
20. a di_____t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

ANSWERS: 11. leak, 12. government, 13. advance, 14. plumbing, 15. concentration, 16. determinant, 17. transport, 18. fuel, 19. ozone, 20. distant

21. high ar___c *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
22. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
23. atmospheric oz__e *n.* a poisonous gas with the chemical formula O₃, which has a strong smell
24. lo___e a tumor *v.* to specify or determine the exact position of someone or something
25. sh_____w people *adj.* not having much distance from the top to the bottom
26. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
27. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
28. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
29. sl___e removal *n.* a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful
30. ha_____ld camera *adj.* designed to be held in one hand; portable, and compact enough to be carried or used on the go
31. a gradual re_____on *n.* a decrease in size, amount, or degree
32. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 21. arctic, 22. globe, 23. ozone, 24. locate, 25. shallow, 26. sensor, 27. emission, 28. opportune, 29. sludge, 30. handheld, 31. reduction, 32. tube

33. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
34. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
35. ha_____ld device *adj.* designed to be held in one hand; portable, and compact enough to be carried or used on the go
36. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
37. a_m to be a nurse *v.* to try or plan to get or achieve something
38. de____y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
39. con_____ion to society *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
40. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
41. 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

ANSWERS: 33. industrious, 34. molecular, 35. handheld, 36. microbe, 37. aim, 38. deploy, 39. contribution, 40. flood, 41. instrument

42. la___n paradise *n.* a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean
43. a_m at a specific target *v.* to try or plan to get or achieve something
44. de_____se into simpler molecules *v.* to break down or cause to break down over time into simpler substances or elements
45. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
46. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
47. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
48. de_____e him of his status *v.* to take away something from someone
49. an air-cooled en_____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
50. a pr_____on instrument *n.* the quality or condition of being exact and accurate
51. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 42. lagoon, 43. aim, 44. decompose, 45. opportune, 46. microbe, 47. combine, 48. deprive, 49. engine, 50. precision, 51. launch

52. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
53. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
54. ca___e barn *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals
55. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
56. po__r regions *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
57. dairy c_w *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
58. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
59. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
60. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
61. un_____ly event *adj.* not probable or likely to happen
62. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 52. eventually, 53. determinant, 54. cattle, 55. dam, 56. polar, 57. cow, 58. flood, 59. ecosystem, 60. locate, 61. unlikely, 62. electrify

63. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
64. lump of ga_____e *n.* waste material, especially food waste and kitchen refuse
65. lactic acid bu_____p *n.* the accumulation or increase of something over time
66. 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
67. st___e crop *adj.* essential, crucial, or regularly used
68. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
69. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
70. speak with pr_____on *n.* the quality or condition of being exact and accurate
71. unp_____ted business opportunity *adj.* never having been seen, done, or known before
72. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
73. be__h chemical waste into the atmosphere *v.* to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

ANSWERS: 63. plot, 64. garbage, 65. buildup, 66. instrument, 67. staple, 68. methane, 69. atmosphere, 70. precision, 71. unprecedented, 72. improvisation, 73. belch

74. pl_____ng problem *n.* the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems
75. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
76. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
77. li_____me ban from the sport *n.* the duration of someone's life or something's existence;
78. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
79. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
80. unp_____ted boom *adj.* never having been seen, done, or known before
81. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
82. re_____on strategy *n.* a decrease in size, amount, or degree
83. residual qu_____ty *n.* the amount or number of something; magnitude
84. imm_____ly recall a product *adv.* now or without delay
85. ga_____e collection *n.* waste material, especially food waste and kitchen refuse

ANSWERS: 74. plumbing, 75. temperature, 76. nation, 77. lifetime, 78. plot, 79. release, 80. unprecedented, 81. negative, 82. reduction, 83. quantity, 84. immediately, 85. garbage

86. op____or error *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
87. ca____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
88. va____m cleaner *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
89. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
90. sh____w water *adj.* not having much distance from the top to the bottom
91. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
92. biological was____er *n.* water that contains waste substances from homes, farms, factories, etc.
93. l__k a classified memo *v.* to allow liquid or gas to get in or out from a hole or crack in a pipe or container
94. a data pi____ne *n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
95. de____t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
96. con____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 86. operator, 87. capture, 88. vacuum, 89. adapt, 90. shallow, 91. trigger, 92. wastewater, 93. leak, 94. pipeline, 95. detect, 96. contribute

97. li___r in the mind *v.* to stay in a place or exist longer than expected
98. the speaker's dr__e *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
99. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
100. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
101. help di___t food *v.* to transform food into absorbable substances; break down
102. ar___c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
103. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
104. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
105. in_____ty in education *n.* a lack of fairness or justice; an unfair or unequal situation or practice
106. it is un_____ly that he would win the game *adj.* not probable or likely to happen

ANSWERS: 97. linger, 98. drone, 99. pump, 100. mass, 101. digest, 102. arctic, 103. achieve, 104. vulnerable, 105. inequity, 106. unlikely

107. ab___b energy *v.* to take in a fluid or other substance gradually
108. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
109. po__r bears *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
110. de_____e others of profit *v.* to take away something from someone
111. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
112. aff_____le solution *adj.* not expensive and able to pay
113. 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
114. market in_____ty *n.* a lack of fairness or justice; an unfair or unequal situation or practice
115. half qu_____ty *n.* the amount or number of something; magnitude
116. gov_____nt funding *n.* the group of people with authority to control a country or state
117. ex_____ng football player *adj.* causing a lot of interest or excitement
118. ex_____e weather events *adj.* very great in amount or degree
119. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 107. absorb, 108. contribute, 109. polar, 110. deprive, 111. generation, 112. affordable, 113. carbon, 114. inequity, 115. quantity, 116. government, 117. exciting, 118. extreme, 119. pollution

120. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
121. ex_____e sports *adj.* very great in amount or degree
122. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
123. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
124. burning of fo___l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
125. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
126. st___e commodities *adj.* essential, crucial, or regularly used
127. la___n island *n.* a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean
128. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
129. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
130. was_____er disposal equipment *n.* water that contains waste substances from homes, farms, factories, etc.
131. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon

ANSWERS: 120. tube, 121. extreme, 122. ecosystem, 123. colleague, 124. fossil, 125. emit, 126. staple, 127. lagoon, 128. capture, 129. globe, 130. wastewater, 131. rocket

132. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
133. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
134. price sl__h *v.* to cut with a sharp object using a quick and robust movement
135. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (*v.*) to obtain from something or to remove something by effort or force
136. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
137. li_____ck industry *n.* farm animals and birds such as cows, sheep, and chickens
138. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
139. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
140. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt

ANSWERS: 132. greenhouse, 133. universe, 134. slash, 135. extract, 136. equivalent, 137. livestock, 138. universe, 139. bacteria, 140. gradual

141. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
142. str_____en the immune system *v.* to become stronger or more effective; to make someone or something stronger or more effective
143. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
144. huge military bu_____p *n.* the accumulation or increase of something over time
145. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
146. a ti__t game *adj.* fixed, fastened, or kept together firmly or closely
147. an elevator op_____or *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
148. co_____e augmented reality *v.* to join or merge to form a single thing or group
149. 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
150. tr__h bin *n.* discarded material, refuse, or waste
151. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 141. gradual, 142. strengthen, 143. improvisation, 144. buildup, 145. identify, 146. tight, 147. operator, 148. combine, 149. develop, 150. trash, 151. maintain

152. sta_____ne application *adj.* (of computer hardware or software) able to operate the system without being connected to other hardware or software; (also stand-alone) capable of working independently
153. su_____ss a yawn *v.* to bring something under control by force or authority; to put an end by force
154. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
155. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
156. key performance me____cs *adj.* using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic
157. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
158. a co_____t camera *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
159. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
160. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way

ANSWERS: 152. standalone, 153. suppress, 154. context, 155. agriculture, 156. metric, 157. pump, 158. compact, 159. implement, 160. stabilize

161. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
162. legal co____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
163. aff_____le housing *adj.* not expensive and able to pay
164. ca____e hide *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals
165. write him an answer imm_____ly *adv.* now or without delay
166. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
167. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
168. the event ho____n of a black hole *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
169. re____e a prisoner *v.* to set free or allow to escape from confinement
170. make a positive con_____ion *n.* the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause

ANSWERS: 161. develop, 162. context, 163. affordable, 164. cattle, 165. immediately, 166. communal, 167. trigger, 168. horizon, 169. release, 170. contribution

171. engine ga___t *n.* a mechanical seal or packing that fills the space between two mating surfaces to prevent leaks or gaps, typically made of rubber, silicone, or other flexible materials
172. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
173. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
174. li_____ck agriculture *n.* farm animals and birds such as cows, sheep, and chickens
175. co_____t pile *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
176. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
177. an ai_____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
178. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
179. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
180. of___t deposits and withdrawals *v.* to compensate for or counterbalance one influence against an opposing influence

ANSWERS: 171. gasket, 172. stabilize, 173. engine, 174. livestock, 175. compost, 176. colleague, 177. aircraft, 178. pollution, 179. emission, 180. offset

181. pathogenic ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
182. arson-caused wi____re *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
183. ga____t packing *n.* a mechanical seal or packing that fills the space between two mating surfaces to prevent leaks or gaps, typically made of rubber, silicone, or other flexible materials
184. fas____ard to the good part *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
185. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
186. en____ly satisfied with the meal *adv.* completely
187. have dev____ng effects *adj.* causing a great deal of destruction or damage
188. equ____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
189. treat this dev____ng disease *adj.* causing a great deal of destruction or damage
190. organic agr____re *n.* the practice or science of cultivating the land or raising stock

ANSWERS: 181. bacteria, 182. wildfire, 183. gasket, 184. fast-forward, 185. crop, 186. entirely, 187. devastating, 188. equivalent, 189. devastating, 190. agriculture

191. sta_____ne approach *adj.* (of computer hardware or software) able to operate the system without being connected to other hardware or software; (also stand-alone) capable of working independently
192. a fo____l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
193. de_____se matter *v.* to break down or cause to break down over time into simpler substances or elements
194. apply the br__e *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
195. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
196. 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.
197. a romance-pa____d movie *adj.* extremely full of people; very crowded
198. ge_____te more electricity *v.* to produce or create something; to make offspring by reproduction
199. ex_____ng news *adj.* causing a lot of interest or excitement
200. disposal in a la_____ll *n.* a site for the disposal of waste materials
201. ai_____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter

ANSWERS: 191. standalone, 192. fossil, 193. decompose, 194. brake, 195. strategy, 196. satellite, 197. packed, 198. generate, 199. exciting, 200. landfill, 201. aircraft

202. combined ox__e	<i>n.</i>	a chemical compound that contains at least one oxygen atom and one other element
203. effects of cl_____e change	<i>n.</i>	the weather in a particular location averaged over some long period
204. gen_____on gap	<i>n.</i>	all the people born and living at about the same time, regarded collectively; the production of heat or electricity
205. use of dietary sup_____nts	<i>n.</i>	something that is added to something else to make it better or complete it
206. co_____al swimming pool	<i>adj.</i>	belonging to or used by a group rather than individuals; for common use
207. el_____fy a manufacturing process	<i>v.</i>	to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
208. sl__h a person with a knife	<i>v.</i>	to cut with a sharp object using a quick and robust movement
209. the blind g_t	<i>n.</i>	the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
210. va__e control	<i>n.</i>	a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
211. ca___n dioxide	<i>n.</i>	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

ANSWERS: 202. oxide, 203. climate, 204. generation, 205. supplement, 206. communal, 207. electrify, 208. slash, 209. gut, 210. valve, 211. carbon

212. biomass f__l *n.* a substance that is typically burned to generate heat or energy
213. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
214. he was en_____ly to blame *adv.* completely
215. wo___n a relation *v.* to become or make something worse
216. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
217. of___t a loss *v.* to compensate for or counterbalance one influence against an opposing influence
218. business ho_____n *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
219. electromagnetic va___e *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
220. construction of new c___l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
221. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
222. 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.

ANSWERS: 212. fuel, 213. atmosphere, 214. entirely, 215. worsen, 216. emit, 217. offset, 218. horizon, 219. valve, 220. coal, 221. greenhouse, 222. satellite

223. la_____ll sites	<i>n.</i>	a site for the disposal of waste materials
224. tr__h disposal site	<i>n.</i>	discarded material, refuse, or waste
225. silver ox__e	<i>n.</i>	a chemical compound that contains at least one oxygen atom and one other element
226. ge_____te \$100 a month	<i>v.</i>	to produce or create something; to make offspring by reproduction
227. br__e pedal	<i>n.</i>	a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
228. g_t feelings	<i>n.</i>	the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
229. re___e a message	<i>v.</i>	to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
230. su_____ss a revolt	<i>v.</i>	to bring something under control by force or authority; to put an end by force
231. be__h loudly	<i>v.</i>	to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion
232. t__e a piano	<i>n.</i>	a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard

ANSWERS: 223. landfill, 224. trash, 225. oxide, 226. generate, 227. brake, 228. gut, 229. relate, 230. suppress, 231. belch, 232. tune

233. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
234. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (*v.*) to obtain from something or to remove something by effort or force
235. the t__e of a song *n.* a musical composition or set of musical notes that are played or sung; (*v.*) to adjust or set something to a specific condition or standard
236. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
237. atmospheric me_____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
238. ac_____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
239. di_____t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
240. li_____me benefits *n.* the duration of someone's life or something's existence;
241. di____t information *v.* to transform food into absorbable substances; break down

ANSWERS: 233. maintain, 234. extract, 235. tune, 236. transport, 237. methane, 238. achieve, 239. distant, 240. lifetime, 241. digest

242. pa___d audience *adj.* extremely full of people; very crowded
243. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
244. wo___n the food problem *v.* to become or make something worse
245. li___r over your work *v.* to stay in a place or exist longer than expected
246. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
247. organic co_____t *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
248. dr___e flight *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
249. a cold cl_____e *n.* the weather in a particular location averaged over some long period
250. ro___t fuel *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
251. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
252. c_w herd *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

ANSWERS: 242. packed, 243. temperature, 244. worsen, 245. linger, 246. nation, 247. compost, 248. drone, 249. climate, 250. rocket, 251. advance, 252. cow

253. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
254. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
255. 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
256. a c___l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
257. military st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
258. pi_____ne facilities *n.* a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
259. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
260. str_____en a border patrol *v.* to become stronger or more effective; to make someone or something stronger or more effective
261. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
262. fas_____ard 10 seconds *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

ANSWERS: 253. deploy, 254. relate, 255. structure, 256. coal, 257. strategy, 258. pipeline, 259. eventually, 260. strengthen, 261. dam, 262. fast-forward

263. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
264. extremely co_____t device *adj.* closely and firmly united or packed together, using very little space; smaller than is usual
265. ind_____us student *adj.* hardworking, diligent, and persistent in effort
266. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
267. im_____nt security measures *v.* to put a decision, plan, or system into effect
268. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
269. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
270. wage sup_____nt *n.* something that is added to something else to make it better or complete it
271. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
272. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 263. crop, 264. compact, 265. industrious, 266. vulnerable, 267. implement, 268. launch, 269. mass, 270. supplement, 271. molecular, 272. detect

273. va___m packing

n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

274. me___c units

adj. using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic

ANSWERS: 273. vacuum, 274. metric

Session 3: Fill in the Blanks

1. The economic stimulation program would _____ a lot of new jobs.
v. to produce or create something; to make offspring by reproduction
2. The engine overheated due to a leak in the cylinder head _____.
n. a mechanical seal or packing that fills the space between two mating surfaces to prevent leaks or gaps, typically made of rubber, silicone, or other flexible materials
3. His _____ to the charity was a generous donation of money.
n. the act of giving something, especially money, to a particular cause or organization; a voluntary gift as of money or service or ideas made to some worthwhile cause
4. The results of that election put a _____ on political reform.
n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
5. The marine _____ manufacturer demonstrated their newest hydroplane.
n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter
6. This exam requires excellent _____ to pass.
n. the ability to focus all your time and energy on one thing without thinking about anything else.
7. The spaceship began to burn up as it approached the Earth's _____.
n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 1. generate, 2. gasket, 3. contribution, 4. brake, 5. aircraft, 6. concentration, 7. atmosphere

8. The _____ at the bottom of the river was a toxic hazard for marine life.
n. a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful
9. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
10. This automatic door could no longer be opened due to a _____ failure.
n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
11. Certain _____ may promote tumor growth.
n. something that is added to something else to make it better or complete it
12. The national election was held amid _____ security.
adj. fixed, fastened, or kept together firmly or closely
13. The farmer milked the _____ every morning before breakfast.
n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
14. Infants and pregnant women are particularly _____.
adj. capable of being hurt or influenced physically or mentally
15. The _____ of stress over time can lead to health problems.
n. the accumulation or increase of something over time
16. The country experienced a _____ increase in population.
adj. happening slowly over a long period of time or distance; not steep or abrupt

ANSWERS: 8. sludge, 9. advance, 10. sensor, 11. supplements, 12. tight, 13. cows, 14. vulnerable, 15. buildup, 16. gradual

17. The younger _____ has different values and beliefs than the older one.
n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity
18. The sponge _____ water well.
v. to take in a fluid or other substance gradually
19. There are five distinct _____ at five unique wavelengths.
n. the act of production or sending out gas, heat, light, etc.
20. The raising of interest rates _____ the inflation rate.
v. to become or cause to become steady or unlikely to give way
21. The ignition of _____ gas in the plant killed five employees.
n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
22. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
23. We combust _____ and other fossil fuels to generate electricity.
n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
24. The _____ destroyed hundreds of homes and forced thousands of people to evacuate.
n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

ANSWERS: 17. generation, 18. absorbs, 19. emissions, 20. stabilizes, 21. methane, 22. crop, 23. coal, 24. wildfire

25. Hydrogen and oxygen _____ to form water.

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

26. The incident _____ a political controversy.

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

27. Government workers cannot _____ to political campaigns.

v. to give something, especially money or goods, to provide or achieve something together with other people

28. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

29. I will work hard to _____ my goals and realize my dreams.

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

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

adj. hardworking, diligent, and persistent in effort

31. Unilateral import bans have _____ that country's terms of trade.

v. to become or make something worse

32. The _____ effect is a phenomenon that happens naturally.

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

ANSWERS: 25. combine, 26. triggered, 27. contribute, 28. plot, 29. achieve, 30. industrious, 31. worsened, 32. greenhouse

33. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
34. Later, his claim was found to be _____ false.
adv. completely
35. The _____ on the pipeline was leaking, so maintenance had to shut it off to make repairs.
n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
36. The company is set to _____ its new product line next month.
v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
37. In the _____ system, measurements are made in meters and liters.
adj. using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic
38. This typhoon was the most _____ in years.
adj. causing a great deal of destruction or damage
39. The automaker has been providing _____ car financing options since last year.
adj. not expensive and able to pay
40. The technician used a _____ tool to fix the machine.
adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

ANSWERS: 33. equivalent, 34. entirely, 35. valve, 36. launch, 37. metric, 38. devastating, 39. affordable, 40. handheld

41. He heard a _____ of sirens roar from the neighboring town.
n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
42. In southward, the average annual water _____ increases.
n. the amount or number of something; magnitude
43. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
44. Difficulties _____ the mind, as labor does the body.
v. to become stronger or more effective; to make someone or something stronger or more effective
45. The _____ are on the grassland and grazing.
n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals
46. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
47. _____ amounts of heckling and slogan-shouting took place throughout the event.
adj. never having been seen, done, or known before
48. The _____ train was packed with commuters during rush hour.
n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 41. drone, 42. quantity, 43. opportune, 44. strengthen, 45. cattle, 46. release, 47. Unprecedented, 48. tube

49. The passage of the bill is _____.

adj. not probable or likely to happen

50. The drama is fascinating and action-_____.

adj. extremely full of people; very crowded

51. He was _____ of his freedom when sentenced to life in prison.

v. to take away something from someone

52. Anesthetize the gum before _____ the teeth.

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

53. I advised him to _____ to his new surroundings.

v. to make fit for or change to suit a new purpose or environment

54. 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.

55. 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

56. 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

ANSWERS: 49. unlikely, 50. packed, 51. deprived, 52. extracting, 53. adapt, 54. satellite, 55. carbon, 56. context

57. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
58. These heavy rains caused flash _____ on several islands.
n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount
59. This operation requires both patience and _____.
n. the quality or condition of being exact and accurate
60. The band played a beautiful _____ on their instruments.
n. a musical composition or set of musical notes that are played or sung; (verb) to adjust or set something to a specific condition or standard
61. This country _____ its weapons in the east region.
v. to move troops or weapons into a position or military action; to bring into something in an effective way
62. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
63. _____ brooks are noisier than deep rivers.
adj. not having much distance from the top to the bottom
64. 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

ANSWERS: 57. Microbes, 58. floods, 59. precision, 60. tune, 61. deployed, 62. Bacteria, 63. Shallow, 64. capture

65. Please use the _____ to clean up the mess on the floor.
n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
66. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
67. Cold temperatures and long, dark winters characterize the _____ climate.
adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold
68. Most babies can readily _____ a wide variety of foods.
v. to transform food into absorbable substances; break down
69. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
70. He _____ serious accounting irregularities that only people in the company's executive could know.
v. to allow liquid or gas to get in or out from a hole or crack in a pipe or container
71. The _____ of people who do not own property is politically impotent.
n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
72. We _____ for an overseas expansion.
v. to try or plan to get or achieve something
73. There's an _____ in the criminal justice system that needs to be addressed.
n. a lack of fairness or justice; an unfair or unequal situation or practice

ANSWERS: 65. vacuum, 66. detected, 67. arctic, 68. digest, 69. Climate, 70. leaked, 71. mass, 72. aim, 73. inequity

74. The _____ in carbon emissions has been significant since the implementation of the new policy.
- n.* a decrease in size, amount, or degree
75. 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
76. The government had to _____ national defense spending due to the recession.
- v.* to cut with a sharp object using a quick and robust movement
77. _____ feed is made from fodder crops.
- n.* farm animals and birds such as cows, sheep, and chickens
78. After the earthquake, many of the buildings in the city were left in ruins and began to _____.
- v.* to break down or cause to break down over time into simpler substances or elements
79. _____ animals are graceful and efficient swimmers.
- adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
80. I like to _____ through commercials when watching TV shows.
- v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
81. 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

ANSWERS: 74. reduction, 75. structure, 76. slash, 77. Livestock, 78. decompose, 79. Polar, 80. fast-forward, 81. instrument

82. She had lived through two world wars in her _____.
- n.* the duration of someone's life or something's existence;
83. The government promised to _____ a new system to control the financial crisis.
- v.* to put a decision, plan, or system into effect
84. 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
85. The _____ of the machine must follow strict safety protocols.
- n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
86. He was alert and could not _____ any critical information out of him.
- v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
87. He told me a _____ truth about my parent's death.
- n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
88. The mangroves around the _____ provide a habitat for a unique ecosystem
- n.* a shallow stretch of water separated from a larger body of water by sandbanks or coral reefs; a small saltwater lake near a sea or an ocean
89. His final goal is to sail around the _____.
- n.* the earth or world, mainly used to emphasize its vastness

ANSWERS: 82. lifetime, 83. implement, 84. nation, 85. operator, 86. pump, 87. gut-wrenching, 88. lagoon, 89. globe

90. Rebels sabotaged the main _____ supplying oil.
n. a very long large tube that is usually underground and is used for carrying liquid or gas for long distances
91. The _____ layer is vital for blocking some harmful sun rays.
n. a poisonous gas with the chemical formula O₃, which has a strong smell
92. The sun set over the crest of _____ hills.
adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship
93. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
94. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
95. 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
96. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
97. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
98. As the sun set, the colors of the sky merged with the _____ creating a beautiful orange and pink hue.
n. the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated

ANSWERS: 90. pipeline, 91. ozone, 92. distant, 93. garbage, 94. fuel, 95. transportation, 96. Agriculture, 97. universe, 98. horizon,

99. The robot can accurately _____ construction material.

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

100. The _____ is endangering the local plants and animals.

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

101. _____ weight is the sum of all the atoms.

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

102. The break in the ____ threatened the valley.

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

103. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

104. The doctor prescribed medication to _____ the patient's appetite.

v. to bring something under control by force or authority; to put an end by force

105. The federal _____ is planning to increase taxes for the next fiscal year.

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

106. A suspension order from the court is effective _____.

adv. now or without delay

107. The bubbling mud in the hot spring occasionally _____ up a foul odor.

v. to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

ANSWERS: 99. locate, 100. pollution, 101. Molecular, 102. dam, 103. extreme, 104. suppress, 105. government, 106. immediately, 107. belch

108. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
109. You can add coffee grounds and crushed eggshells to your _____ to improve the pH balance.
- n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
110. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
111. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
112. I need to _____ my car regularly to prevent any major mechanical issues.
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
113. Two countries acted together as if by _____.
- adj.* closely and firmly united or packed together, using very little space; smaller than is usual
114. This country faces problems in finding enough suitable _____ sites.
- n.* a site for the disposal of waste materials
115. The _____ in my house needs to be replaced because it keeps leaking.
- n.* the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems

ANSWERS: 108. relate, 109. compost, 110. Communal, 111. determinant, 112. maintain, 113. compact, 114. landfill, 115. plumbing

116. The movie has received almost universally _____ criticism.

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

117. As that country developed its industry, it began to invest more in _____ treatment technology.

n. water that contains waste substances from homes, farms, factories, etc.

118. We never prescribe medication as a _____ treatment.

adj. (of computer hardware or software) able to operate the system without being connected to other hardware or software; (also stand-alone) capable of working independently

119. It was the _____ of a dinosaur tooth.

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

120. The product developed through years of research continues to _____ the market.

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

121. 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

122. Cities around the world set records for highest _____ this summer.

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

ANSWERS: 116. negative, 117. wastewater, 118. standalone, 119. fossil, 120. electrify, 121. develop, 122. temperatures

123. He created a beautiful piece of music using only _____.
- n.* the act of making something up on the spot or creating or performing something without preparation
124. The _____ launch platform is visible from this hill.
- n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
125. 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
126. The policies he announces can be the _____ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
127. Our plan includes a comprehensive marketing _____.
- n.* a detailed plan of action designed to achieve a long-term or overall goal.
128. I will introduce you to how to _____ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
129. The city is taking measures to reduce the amount of _____ in the streets.
- n.* discarded material, refuse, or waste
130. She _____ for a moment before leaving the room.
- v.* to stay in a place or exist longer than expected
131. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 123. improvisation, 124. rocket, 125. colleague, 126. engine, 127. strategy, 128. identify, 129. trash, 130. lingered, 131. eventually

132. Rice and beans are a _____ food in many cultures.

adj. essential, crucial, or regularly used

133. The blood's red coloring comes from iron _____.

n. a chemical compound that contains at least one oxygen atom and one other element

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

adj. causing a lot of interest or excitement

135. During the unloading, the container box _____ a clicking sound.

v. to give off or send out something such as light, heat, sound, gas, etc.

136. 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

137. Strong growth in core business _____ losses in other business segments.

v. to compensate for or counterbalance one influence against an opposing influence

ANSWERS: 132. staple, 133. oxide, 134. exciting, 135. emits, 136. ecosystem, 137. offsets