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Vocabulary Builder Reference from...

Emily Parsons-Lord: Art made of the air we breathe | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

chemistry

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

(1) professor of **chemistry**, (2) the **chemistry** of soil
He is familiar with **chemistry** and biology.

blackboard

n. a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk

synonym: chalkboard, slate

(1) chalk on a **blackboard**, (2) electronic **blackboard**
The teacher asked me to rub out the **blackboard**.

diagram

n. a simplified illustration of the appearance, structure, or workings of something

synonym: chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.

bubble

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

collapses

synonym : blob, balloon, mania

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

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

vibrate

v. to move or cause anything to move fast and in small increments from side to side

synonym : oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger

During the flight, the wings of the plane **vibrate**.

collide

v. to hit something violently when moving

synonym : clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

frantic

adj. marked by uncontrolled excitement or emotion; wild; frenzied

synonym : wild, frenzied, manic

(1) **frantic** pace, (2) with **frantic** haste

The mother was **frantic** as she searched for her lost child.

unpleasant

adj. not enjoyable or comfortable

synonym : disagreeable, displeasing, distasteful

(1) **unpleasant** behavior, (2) with **unpleasant** body odor

It is **unpleasant** to see criminal behavior even though it is minor.

intrusion

n. the act of entering a place or situation where one is not welcome or invited; the action or process of forcing a body of molten rock between or through existing formations without reaching the surface

synonym : invasion, interference, encroachment

(1) unwarranted **intrusion**, (2) **intrusion** prevention

The **intrusion** of the hackers into the company's database

caused significant damage.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

mist

n. a cloud of very small drops of water collecting in the air just above the ground or water

synonym : fog, murk, haze

(1) **mist** in the morning, (2) fine **mist**

The sun has risen, and the **mist** has faded.

immediate

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

synonym : prompt, quick, instantaneous

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

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

vital

adj. necessary for the success or continued existence of something

synonym : critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society

Perseverance and optimism are **vital** to success.

intimate

adj. having a very close friendship, personal

synonym : close, tight, friendly

(1) my **intimate** affairs, (2) **intimate** relationship

He has an **intimate** knowledge of American history.

combination

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

synonym : blend, hybrid, compounding

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

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

invisible

adj. impossible or nearly impossible to see

synonym : hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

envelop

v. to surround and cover completely; to encase

synonym : wrap, cover, surround

(1) **envelop** the whole world, (2) **envelop** her in a bear hug

The fog **enveloped** the city, making it difficult to see.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

gravitational

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

synonym : weighty, heavy, earthbound

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

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

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym : trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love

reading.

breath

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

synonym : air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

synonym : breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke

He took a deep breath and slowly began to **exhale**.

enrich

v. to make better or improve in quality by adding something else

synonym : enhance, improve, augment

(1) **enrich** a gas with a balloon, (2) **enrich** public services

Reading not only increases knowledge but also **enriches** life.

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**.

roughly

adv. approximately but not precisely; with a violent manner

synonym : approximately, more or less, around

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

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

approximately

adv. close to a specific number or time but not exactly that number or time

synonym : about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same
This trail takes **approximately** 2.5 hours.

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.

plural

n. the grammatical form of a noun or pronoun indicating that it refers to more than one thing or person

synonym : multiple, numerous, several

(1) **plural** form, (2) **plural** culture

We use **plural** nouns when there is more than one of something

simultaneously

adv. at the same time

synonym : concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs
simultaneously

Two students answered the teacher's question
simultaneously.

planet

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

synonym : earth, world, globe

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

visceral

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

synonym : instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

tactile

adj. relating to the sense of touch; tangible or perceptible through the sense of touch

synonym: touchable, tangible, palpable

(1) **tactile** stimulation, (2) **tactile** feedback

The **tactile** sensation of the fabric was soft and smooth to the touch.

haptic

adj. of or relating to or involving the sense of touch

synonym: tactile, tactual

(1) **haptic** perception, (2) **haptic** feedback

The player controls the game with a joystick or other **haptic** device.

expand

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

synonym: extend, grow, boost

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

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

aesthetic

adj. connected with the enjoyment or study of beauty

synonym: beautiful, artistic, esthetic

(1) **aesthetic** value, (2) **aesthetic** feeling

My **aesthetic** standards are quite different from hers.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

density

n. the quality of compactness of a substance

synonym: tightness, viscosity

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

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

attach

v. to fasten, join, or connect one thing to another

synonym: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

differ

v. to be not like someone or something in some way

synonym: vary, diverge, disagree

(1) **differ** from the majority, (2) **differ** according to species

The two products **differed** in their quality and price.

recreate

v. to make something that existed previously happen or appear to exist again

synonym: renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

era

n. a period that is distinct from others, typically in history

synonym: epoch, age, period

(1) dawn of a new **era**, (2) the **era** of the Renaissance

Political corruption was common throughout the postwar **era**.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

inviting

adj. having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate

synonym: attractive, tempting, alluring

(1) **inviting** scent, (2) **inviting** atmosphere

The **inviting** aroma of freshly baked bread drew me into the

bakery.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym : extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

atmospheric

adj. about or located in the earth's atmosphere

synonym : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

trace

v. to find or discover someone or something that was lost

synonym : seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

geology

n. a science that deals with the history of the earth as recorded in rocks

synonym : earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

oxidant

n. a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress

(1) **oxidant** stress, (2) natural **oxidant**

Breathing in large amounts of **oxidants**, like ozone, can harm the respiratory system.

extrapolate

v. to guess or think about what might happen or estimate something using the facts that you have now

synonym : deduce, reason, infer

(1) **extrapolate** the results, (2) **extrapolate** animal dose

This predictive model mechanically **extrapolates** past trends into the future.

aggregate

n. a collection or sum of different things often used to describe a total or combination of items

synonym : total, sum, whole

(1) data **aggregate**, (2) an **aggregate** of people

The **aggregate** amount of money raised for the charity was over a million dollars.

recipe

n. a set of instructions for preparing a dish, including the ingredients and the method of cooking

synonym : instructions, formula, method

(1) **recipe** book, (2) **recipe** collection

The **recipe** for the cake is passed down from generation to generation in her family.

component

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

synonym : element, part, factor

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

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

influence

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

synonym : power, leverage, effect

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

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

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym : develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

ligneous

adj. relating to or resembling wood; having the texture or characteristics of wood

synonym : woody, timbered

(1) **ligneous** material, (2) **ligneous** plant

He used **ligneous** logs to fuel the fire.

invention

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

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

trunk

n. the main stem or body of a tree which its branches grow

synonym : body, chest, torso

(1) the **trunk** of the tree, (2) the **trunk** of the body

Destructive fungi thrive in moist environments, such as those seen in wounds on the **trunk**.

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.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals,

and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

massive

adj. enormous amount; very heavy and solid

synonym: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

insect

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

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

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

spider

n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing

synonym: arachnid, wanderer

(1) **spider** venom, (2) web **spider**

The **spider** spun an intricate web in the corner of the room.

dragonfly

n. a slender-bodied non-stinging insect having two pairs of large transparent wings that are outspread at rest

(1) **dragonfly** passing over the water, (2) **dragonfly** larva

I caught a rare **dragonfly** in the mountains.

wingspan

n. the distance between the tips of a bird's wings when fully extended and in flight; often used to describe the size or scope of something, particularly about physical objects or structures

synonym: reach, spread, extent

(1) bird **wingspan**, (2) airplane **wingspan**

The bald eagle has an impressive **wingspan** of over 7 feet.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

flavor

n. the taste sensation produced by a substance in the mouth

synonym: taste, savor, essence

(1) a delicate **flavor**, (2) **flavor** enhancer

The **flavor** of the coffee was rich and full-bodied.

subtle

adj. not readily apparent or visible

synonym: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

boost

v. to improve, raise, or increase something

synonym: raise, advance, promote

(1) **boost** the economy, (2) **boost** flexibility

The new service helped **boost** net income by 10%.

hangover

n. the unpleasant physical and mental effects a person experiences after consuming too much alcohol; a lasting effect or aftereffect of something

synonym: headache, aftereffect, hang-up

(1) **hangover** cure, (2) severe **hangover**

After drinking too much at the party, he woke up with a terrible **hangover**.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

extinction

n. the complete disappearance of a species from the earth
synonym : disappearance, eradication, annihilation

(1) **extinction** prevention, (2) brink of **extinction**

The **extinction** of the dinosaurs is thought to have been caused by an asteroid impact.

simultaneous

adj. happening or being done at the same time

synonym : concurrent, accompanying, coexisting

(1) the **simultaneous** release of the album,

(2) **simultaneous** equations

The **simultaneous** translation made it possible for everyone to understand the speaker.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

spike

n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

synonym : end, spindle, point

(1) to **spike**, (2) to prevent blood sugar **spikes**

The recent **spike** in grain prices is partly due to the war in the producing countries.

eruption

n. an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something

synonym : explosion, outburst, burst

(1) **eruption** alert level, (2) emotional **eruption**

The volcanic **eruption** caused widespread destruction and left the area covered in ash.

volcano

n. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and

gas are or have been erupted from the earth's crust.

synonym : mount, peak, crater

(1) **volcano** alert level, (2) active **volcano**

The island was formed by a **volcano** millions of years ago.

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.

definitely

adv. without any question and beyond doubt; clearly

synonym : absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**

The paper is **definitely** worth reading thoroughly.

oddly

adv. in a way that is unexpected, strange, or peculiar

synonym : strangely, peculiarly, weirdly

(1) behave **oddly**, (2) **oddly** familiar

He walked into the party with an **oddly** dressed companion, causing everyone to stare.

comfort

n. a state of physical ease and freedom from pain or constraint

synonym : ease, solace, coziness

(1) words of **comfort**, (2) **comfort** level

He found **comfort** in the warm embrace of his loved ones.

calm

adj. not excited, angry, or nervous; free from wind, large waves

synonym : quiet, peaceful, tranquility

(1) **calm** sea, (2) **calm** manner

It was the first time in a long time that I felt truly **calm** and at peace.

soda

n. a carbonated soft drink containing a sweetened syrup or flavoring, often used interchangeably with "pop" or "soda pop" in different regions of the world

synonym : pop, cola, soft drink

(1) **soda** pop, (2) lemon-lime **soda**

I'm craving a cold **soda** to quench my thirst.

spritz

v. to spray or moisten something lightly with a fine mist or spray of liquid, often for refreshing, cooling, or adding flavor

synonym : spray, douse, mist

(1) **spritz** perfume, (2) **spritz** with water

The bartender will **spritz** the drink with sparkling water for a refreshing twist.

pleasant

adj. enjoyable, attractive, friendly, or agreeable

synonym : agreeable, delightful, pleasing

(1) **pleasant** news, (2) **pleasant** odor

The hotel's staff is very **pleasant** and efficient.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym : assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

discovery

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

synonym : finding, uncovering, detection

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

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

synthesize

v. to combine a substance to make a more complex product or compound

synonym : incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

laboratory

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

synonym : lab, workshop, testing room

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

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

industrial

adj. of or relating to or resulting from industry

synonym : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

Industrial design has become more focused on human nature aspect than ever before.

stable

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

synonym : sturdy, unmoving, durable

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

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

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

dribble

v. to allow a liquid or substance to flow slowly and steadily in small drops; to move a ball or object in a series of small bounces or taps, often while running or maneuvering around other players

synonym : trickle, drizzle, drop

(1) **dribble** the ball, (2) **dribble** from my mouth
The coffee from your cup is starting to **dribble** down your shirt.

chin

n. the lowermost part of a person's face, below the mouth and above the neck

synonym: jaw, mandible, mentum

(1) a jutting **chin**, (2) **chin** rest

He scraped his **chin** when he fell off his bike.

soak

v. to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money

synonym: saturate, steep, douse

(1) **soak** in a hot spring, (2) **soak** away stress

I **soaked** the shirt in the sink before washing it.

crack

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

synonym: snap, burst, break

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

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

liquid

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

synonym: fluid

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

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

ethics

n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

synonym: morals, principles, moralities

(1) political **ethics**, (2) **ethics** of journalism

This scripture provides the code of **ethics** for the religion.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

longevity

n. the property of being long-lived; significant duration of service

synonym : seniority, endurance

(1) **longevity** crisis, (2) **longevity** genes

He is proud of the **longevity** of the business.

confrontation

n. the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement

synonym : face-off, conflict, competition

(1) violent **confrontation**, (2) verbal **confrontation**

The **confrontation** between the two nations escalated into a full-blown war.

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

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.

erupt

v. (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently

synonym : eject, emit, burst

(1) **erupt** in anger, (2) **erupt** into tears

Battles between whites and blacks **erupted** immediately.

retreat

n. the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life

synonym : escape, withdrawal, vacation

(1) **retreat** deeper into their territory, (2) **retreat** in a mountain region

Many people go on a **retreat** to recharge and reconnect with themselves.

glacier

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

synonym : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

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.

adrift

adj. without purpose or direction; floating with no clear destination or goal; lacking a stable or secure position or status

synonym : afloat, aimless, unanchored

(1) **adrift** boat, (2) **adrift** at sea

After their boat engine failed, they were left **adrift** in the middle of the ocean.

iceberg

n. a large piece of ice floating in the sea, detached from a glacier

synonym : glacier, ice mass, floe

(1) hit an **iceberg**, (2) **iceberg** melting

The ship encountered a series of **icebergs** and had to change its course.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym : diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

column

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

synonym : line, pillar, cue

(1) the spinal **column**, (2) a **column** of water

The newspaper devoted several **columns** to the affair.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

endless

adj. having no end or conclusion; infinitely very large in size or amount

synonym : infinite, ceaseless, boundless

(1) **endless** possibilities, (2) **endless** hours

He looked out the window at the **endless** stream of people.

politician

n. a person who is a member of a government or law-making organization, especially as an elected

member of parliament, etc.

synonym : congressperson, lawmaker, legislator

(1) a **politician** in the ruling party, (2) a corrupt **politician**

The **politician** lost his position in the end due to the scandal.

cardigan

n. a knitted sweater or jacket that opens in the front and often has buttons or a zipper, typically made of wool or a similar material

synonym : sweater, jumper, knitwear

(1) knit **cardigan**, (2) cozy **cardigan**

She wore a **cardigan** sweater to keep warm in the chilly office.

amorphous

adj. without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless

synonym : formless, shapeless, structureless

(1) **amorphous** amoeba, (2) **amorphous** mass

The clouded jellyfish has an **amorphous** shape, making it difficult to identify.

cumbersome

adj. difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

synonym : clumsy, awkward, bulky

(1) **cumbersome** process, (2) a **cumbersome** suitcase

His **cumbersome** writing style made the reader confused.

portrait

n. a painting, picture; the likeness of a person, especially one showing the face

synonym : illustration, image, portraiture

(1) a **portrait** painter, (2) **portrait** of a well-known figure

A well-known artist painted this lovely lady's **portrait**.

decision

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

synonym : choice, determination, judgment

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

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

individual

n. a single person or thing, as distinct from a group

synonym: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

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.

persist

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

synonym: endure, continue, carry on

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

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

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

discuss

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

synonym: talk about, converse, debate

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

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

vibrant

adj. full of energy, life, and enthusiasm

synonym: animated, dynamic, deep

(1) a city **vibrant** with life, (2) variety of **vibrant** colors

A **vibrant** private sector is crucial for economic growth.

Session 2: Spelling

1. common in _____on
n. the creation of a new device or process resulting from study and experimentation; the act of inventing
2. fr_____c pace
adj. marked by uncontrolled excitement or emotion; wild; frenzied
3. c__n rest
n. the lowermost part of a person's face, below the mouth and above the neck
4. ex_____ge rate
v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
5. the hydrogen binds the ox___n
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
6. sp___z with water
v. to spray or moisten something lightly with a fine mist or spray of liquid, often for refreshing, cooling, or adding flavor
7. ca___n dioxide
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
8. pe_____t in success
v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

ANSWERS: 1. invention, 2. frantic, 3. chin, 4. exchange, 5. oxygen, 6. spritz, 7. carbon, 8. persist

9. a co___n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
10. anthropology lab____ry *n.* a workplace for doing scientific research or teaching science; a lab
11. ind____us student *adj.* hardworking, diligent, and persistent in effort
12. dr____ly passing over the water *n.* a slender-bodied non-stinging insect having two pairs of large transparent wings that are outspread at rest
13. ae____ic feeling *adj.* connected with the enjoyment or study of beauty
14. data ag____te *n.* a collection or sum of different things often used to describe a total or combination of items
15. re____e CO2 into the air *v.* to set free or allow to escape from confinement
16. knit ca____an *n.* a knitted sweater or jacket that opens in the front and often has buttons or a zipper, typically made of wool or a similar material
17. re____te a single country *v.* to make something that existed previously happen or appear to exist again
18. effects of cl____e change *n.* the weather in a particular location averaged over some long period

ANSWERS: 9. column, 10. laboratory, 11. industrious, 12. dragonfly, 13. aesthetic, 14. aggregate, 15. release, 16. cardigan, 17. recreate, 18. climate

19. dr____e from my mouth *v.* to allow a liquid or substance to flow slowly and steadily in small drops; to move a ball or object in a series of small bounces or taps, often while running or maneuvering around other players
20. a scientific di____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
21. a corrupt pol____an *n.* a person who is a member of a government or law-making organization, especially as an elected member of parliament, etc.
22. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
23. ex___e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
24. gl____r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
25. ev____on theory *n.* a gradual process of transformation of living things
26. ind____al freedom *n.* a single person or thing, as distinct from a group
27. ext____on prevention *n.* the complete disappearance of a species from the earth

ANSWERS: 19. dribble, 20. discovery, 21. politician, 22. crack, 23. exhale, 24. glacier, 25. evolution, 26. individual, 27. extinction

28. political et___s *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
29. ma_____e amounts *adj.* enormous amount; very heavy and solid
30. a private ind_____al *n.* a single person or thing, as distinct from a group
31. hit an ic_____g *n.* a large piece of ice floating in the sea, detached from a glacier
32. 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
33. ox_____t stress *n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
34. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
35. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
36. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
37. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
38. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another

ANSWERS: 28. ethics, 29. massive, 30. individual, 31. iceberg, 32. greenhouse, 33. oxidant, 34. government, 35. evolve, 36. molecule, 37. component, 38. attach

39. higher pixel de_____y *n.* the quality of compactness of a substance
40. re_____t in a mountain region *n.* the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life
41. a cum_____me suitcase *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
42. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
43. ext_____te the results *v.* to guess or think about what might happen or estimate something using the facts that you have now
44. en___h a gas with a balloon *v.* to make better or improve in quality by adding something else
45. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
46. m__t in the morning *n.* a cloud of very small drops of water collecting in the air just above the ground or water
47. s__a pop *n.* a carbonated soft drink containing a sweetened syrup or flavoring, often used interchangeably with "pop" or "soda pop" in different regions of the world
48. pe_____t over time *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

ANSWERS: 39. density, 40. retreat, 41. cumbersome, 42. combination, 43. extrapolate, 44. enrich, 45. humming, 46. mist, 47. soda, 48. persist

49. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
50. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
51. pl___l form *n.* the grammatical form of a noun or pronoun indicating that it refers to more than one thing or person
52. co_____e in midair *v.* to hit something violently when moving
53. airplane wi_____an *n.* the distance between the tips of a bird's wings when fully extended and in flight; often used to describe the size or scope of something, particularly about physical objects or structures
54. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
55. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
56. sp___z perfume *v.* to spray or moisten something lightly with a fine mist or spray of liquid, often for refreshing, cooling, or adding flavor

ANSWERS: 49. graph, 50. exchange, 51. plural, 52. collide, 53. wingspan, 54. decision, 55. dinosaur, 56. spritz

57. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
58. the spinal co____n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
59. human ev_____on *n.* a gradual process of transformation of living things
60. 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
61. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
62. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
63. active vo_____o *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
64. key co_____nt *n.* one of several parts that combines with others to form something bigger
65. gra_____nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)

ANSWERS: 57. equivalent, 58. column, 59. evolution, 60. carbon, 61. planet, 62. discuss, 63. volcano, 64. component, 65. gravitational

66. c__m sea *adj.* not excited, angry, or nervous; free from wind, large waves
67. re___e collection *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
68. pl___l culture *n.* the grammatical form of a noun or pronoun indicating that it refers to more than one thing or person
69. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
70. syn_____ze information *v.* to combine a substance to make a more complex product or compound
71. re_____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again
72. take several inputs sim_____sly *adv.* at the same time
73. tr__e a telephone call *v.* to find or discover someone or something that was lost
74. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
75. in_____on prevention *n.* the act of entering a place or situation where one is not welcome or invited; the action or process of forcing a body of molten rock between or through existing formations without reaching the surface
76. a jutting c__n *n.* the lowermost part of a person's face, below the mouth and above the neck

ANSWERS: 66. calm, 67. recipe, 68. plural, 69. equivalent, 70. synthesize, 71. recreate, 72. simultaneously, 73. trace, 74. stable, 75. intrusion, 76. chin

77. make dr____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
78. colorless li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
79. a pol_____an in the ruling party *n.* a person who is a member of a government or law-making organization, especially as an elected member of parliament, etc.
80. co_____e head-on *v.* to hit something violently when moving
81. unp_____nt behavior *adj.* not enjoyable or comfortable
82. in_____ng atmosphere *adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate
83. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
84. vi_____e with anger *v.* to move or cause anything to move fast and in small increments from side to side
85. ad___t at sea *adj.* without purpose or direction; floating with no clear destination or goal; lacking a stable or secure position or status
86. po_____it of a well-known figure *n.* a painting, picture; the likeness of a person, especially one showing the face
87. ext_____te animal dose *v.* to guess or think about what might happen or estimate something using the facts that you have now

ANSWERS: 77. drastic, 78. liquid, 79. politician, 80. collide, 81. unpleasant, 82. inviting, 83. oxide, 84. vibrate, 85. adrift, 86. portrait, 87. extrapolate

88. the e_a of the Renaissance *n.* a period that is distinct from others, typically in history
89. en____p the whole world *v.* to surround and cover completely; to encase
90. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
91. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
92. say def_____ly *adv.* without any question and beyond doubt; clearly
93. play a vi__l role *adj.* necessary for the success or continued existence of something
94. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
95. en_____s possibilities *adj.* having no end or conclusion; infinitely very large in size or amount
96. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
97. to prevent blood sugar sp__es *n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
98. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

ANSWERS: 88. era, 89. envelop, 90. industrious, 91. discovery, 92. definitely, 93. vital, 94. lung, 95. endless, 96. planet, 97. spike, 98. dinosaur

99. a city vi_____t with life *adj.* full of energy, life, and enthusiasm
100. en___h public services *v.* to make better or improve in quality by adding something else
101. dr_____e the ball *v.* to allow a liquid or substance to flow slowly and steadily in small drops; to move a ball or object in a series of small bounces or taps, often while running or maneuvering around other players
102. er__t into tears *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
103. economic bu___e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
104. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
105. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
106. atm_____ic pressure *adj.* about or located in the earth's atmosphere
107. emotional er_____on *n.* an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something
108. ha___c feedback *adj.* of or relating to or involving the sense of touch
109. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 99. vibrant, 100. enrich, 101. dribble, 102. erupt, 103. bubble, 104. dramatic, 105. giant, 106. atmospheric, 107. eruption, 108. haptic, 109. humming

110. a po____it painter *n.* a painting, picture; the likeness of a person, especially one showing the face
111. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
112. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
113. vi__l for a healthy society *adj.* necessary for the success or continued existence of something
114. app_____ely same *adv.* close to a specific number or time but not exactly that number or time
115. vi_____al fear *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
116. verbal con_____ion *n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement
117. the sim_____ous release of the album *adj.* happening or being done at the same time
118. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
119. ad___t boat *adj.* without purpose or direction; floating with no clear destination or goal; lacking a stable or secure position or status
120. cum_____me process *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

ANSWERS: 110. portrait, 111. chemistry, 112. expand, 113. vital, 114. approximately, 115. visceral, 116. confrontation, 117. simultaneous, 118. roughly, 119. adrift, 120. cumbersome

121. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
122. bo__t the economy *v.* to improve, raise, or increase something
123. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
124. severe ha_____er *n.* the unpleasant physical and mental effects a person experiences after consuming too much alcohol; a lasting effect or aftereffect of something
125. po__r regions *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
126. dawn of a new e_a *n.* a period that is distinct from others, typically in history
127. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
128. fine m__t *n.* a cloud of very small drops of water collecting in the air just above the ground or water
129. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
130. bu___e in the champagne glass *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 121. chemistry, 122. boost, 123. discuss, 124. hangover, 125. polar, 126. era, 127. invention, 128. mist, 129. oxide, 130. bubble

131. an in_____le asset *adj.* impossible or nearly impossible to see
132. s__k away stress *v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money
133. with fr_____c haste *adj.* marked by uncontrolled excitement or emotion; wild; frenzied
134. the tr__k of the body *n.* the main stem or body of a tree which its branches grow
135. su___e changes *adj.* not readily apparent or visible
136. in_____ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
137. ha___c perception *adj.* of or relating to or involving the sense of touch
138. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
139. gl_____rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
140. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
141. 3D di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
142. pl_____nt news *adj.* enjoyable, attractive, friendly, or agreeable

ANSWERS: 131. invisible, 132. soak, 133. frantic, 134. trunk, 135. subtle, 136. influence, 137. haptic, 138. oxygen, 139. glacier, 140. dramatically, 141. diagram, 142. pleasant

143. com_____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
144. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
145. ma_____e stars *adj.* enormous amount; very heavy and solid
146. ex____d a lineup *v.* to increase or to make something greater in size, number, or importance
147. ta_____e feedback *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
148. re____e book *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
149. electronic bla_____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
150. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
151. fl____r enhancer *n.* the taste sensation produced by a substance in the mouth
152. in____t biology *n.* any small creature that has six legs and a body divided into three sections
153. at____h firmly *v.* to fasten, join, or connect one thing to another

ANSWERS: 143. combination, 144. decision, 145. massive, 146. expand, 147. tactile, 148. recipe, 149. blackboard, 150. industrial, 151. flavor, 152. insect, 153. attach

154. the im_____te past *adj.* happening or done without delay or occurring shortly after something else
155. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
156. br____h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
157. di____r according to species *v.* to be not like someone or something in some way
158. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
159. hold your br____h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
160. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
161. behave od__y *adv.* in a way that is unexpected, strange, or peculiar
162. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
163. ex___e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
164. local ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
165. s__k in a hot spring *v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money

ANSWERS: 154. immediate, 155. synthesize, 156. breath, 157. differ, 158. speculate, 159. breath, 160. dimension, 161. oddly, 162. evolve, 163. exhale, 164. geology, 165. soak

166. am_____us amoeba *adj.* without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless
167. chalk on a bla_____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
168. gra_____nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
169. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
170. app_____ely 3 feet long *adv.* close to a specific number or time but not exactly that number or time
171. in_____ng scent *adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate
172. od__y familiar *adv.* in a way that is unexpected, strange, or peculiar
173. violent con_____ion *n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement
174. er__t in anger *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
175. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 166. amorphous, 167. blackboard, 168. gravitational, 169. laboratory, 170. approximately, 171. inviting, 172. oddly, 173. confrontation, 174. erupt, 175. lung

176. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
177. a su___e poison *adj.* not readily apparent or visible
178. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
179. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
180. sp___r venom *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
181. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
182. def_____ly become a problem *adv.* without any question and beyond doubt; clearly
183. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
184. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
185. take im_____te effect *adj.* happening or done without delay or occurring shortly after something else

ANSWERS: 176. recognize, 177. subtle, 178. centimeter, 179. crack, 180. spider, 181. molecule, 182. definitely, 183. chart, 184. visible, 185. immediate

186. doubling of atm_____ic carbon dioxide *adj.* about or located in the earth's atmosphere
187. po__r bears *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
188. unwarranted in_____on *n.* the act of entering a place or situation where one is not welcome or invited; the action or process of forcing a body of molten rock between or through existing formations without reaching the surface
189. in___t antenna *n.* any small creature that has six legs and a body divided into three sections
190. li_____us plant *adj.* relating to or resembling wood; having the texture or characteristics of wood
191. c__m manner *adj.* not excited, angry, or nervous; free from wind, large waves
192. lo_____ty genes *n.* the property of being long-lived; significant duration of service
193. di___r from the majority *v.* to be not like someone or something in some way
194. the tr__k of the tree *n.* the main stem or body of a tree which its branches grow
195. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
196. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 186. atmospheric, 187. polar, 188. intrusion, 189. insect, 190. ligneous, 191. calm, 192. longevity, 193. differ, 194. trunk, 195. greenhouse, 196. liquid

197. ha_____er cure *n.* the unpleasant physical and mental effects a person experiences after consuming too much alcohol; a lasting effect or aftereffect of something
198. lo_____ty crisis *n.* the property of being long-lived; significant duration of service
199. vi____l navigation *adj.* relating to seeing or sight
200. make dr_____ic changes *adj.* very sudden, very excellent, or full of action and excitement
201. li_____us material *adj.* relating to or resembling wood; having the texture or characteristics of wood
202. re_____e a prisoner *v.* to set free or allow to escape from confinement
203. a weather ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
204. dr_____ly larva *n.* a slender-bodied non-stinging insect having two pairs of large transparent wings that are outspread at rest
205. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
206. sim_____ous equations *adj.* happening or being done at the same time
207. dr_____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 197. hangover, 198. longevity, 199. visual, 200. dramatic, 201. ligneous, 202. release, 203. chart, 204. dragonfly, 205. graph, 206. simultaneous, 207. drastic

208. variety of vi____t colors *adj.* full of energy, life, and enthusiasm
209. in____te relationship *adj.* having a very close friendship, personal
210. vi____al organ *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
211. to sp__e *n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
212. at____t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
213. tr__e back to medieval times *v.* to find or discover someone or something that was lost
214. er____on alert level *n.* an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something
215. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
216. ae____ic value *adj.* connected with the enjoyment or study of beauty
217. field of vi____l arts *adj.* relating to seeing or sight
218. with unp____nt body odor *adj.* not enjoyable or comfortable

ANSWERS: 208. vibrant, 209. intimate, 210. visceral, 211. spike, 212. attract, 213. trace, 214. eruption, 215. giant, 216. aesthetic, 217. visual, 218. unpleasant

219. brink of ext_____on *n.* the complete disappearance of a species from the earth
220. gov_____nt funding *n.* the group of people with authority to control a country or state
221. vi_____e at a regular frequency *v.* to move or cause anything to move fast and in small increments from side to side
222. sim_____sly affected *adv.* at the same time
223. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
224. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
225. bo__t flexibility *v.* to improve, raise, or increase something
226. web sp____r *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
227. he confessed dra_____lly *adv.* in a very impressive manner
228. in_____le stars *adj.* impossible or nearly impossible to see
229. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
230. lemon-lime s__a *n.* a carbonated soft drink containing a sweetened syrup or flavoring, often used interchangeably with "pop" or "soda pop" in different regions of the world

ANSWERS: 219. extinction, 220. government, 221. vibrate, 222. simultaneously, 223. recognize, 224. dimension, 225. boost, 226. spider, 227. dramatically, 228. invisible, 229. stable, 230. soda

231. ro____y explain my idea *adv.* approximately but not precisely; with a violent manner
232. a cold cl____e *n.* the weather in a particular location averaged over some long period
233. en____s hours *adj.* having no end or conclusion; infinitely very large in size or amount
234. words of co____t *n.* a state of physical ease and freedom from pain or constraint
235. vi____e stars *adj.* capable of being seen; or open to easy view
236. in a di____m *n.* a simplified illustration of the appearance, structure, or workings of something
237. in____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
238. ic____g melting *n.* a large piece of ice floating in the sea, detached from a glacier
239. my in____te affairs *adj.* having a very close friendship, personal
240. an ag____te of people *n.* a collection or sum of different things often used to describe a total or combination of items
241. at____t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
242. bureau of ge____y *n.* a science that deals with the history of the earth as recorded in rocks

ANSWERS: 231. roughly, 232. climate, 233. endless, 234. comfort, 235. visible, 236. diagram, 237. influence, 238. iceberg, 239. intimate, 240. aggregate, 241. attract, 242. geology

243. bird wi_____an *n.* the distance between the tips of a bird's wings when fully extended and in flight; often used to describe the size or scope of something, particularly about physical objects or structures
244. ind_____al alcohol *adj.* of or relating to or resulting from industry
245. natural ox_____t *n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
246. cozy ca_____an *n.* a knitted sweater or jacket that opens in the front and often has buttons or a zipper, typically made of wool or a similar material
247. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
248. vo_____o alert level *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
249. co_____t level *n.* a state of physical ease and freedom from pain or constraint
250. population de_____y *n.* the quality of compactness of a substance
251. et____s of journalism *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

ANSWERS: 243. wingspan, 244. industrial, 245. oxidant, 246. cardigan, 247. centimeter, 248. volcano, 249. comfort, 250. density, 251. ethics

252. sp_____te about the reason *v.* to form a theory or conjecture or guess about a subject without solid evidence
253. en_____p her in a bear hug *v.* to surround and cover completely; to encase
254. a delicate fl____r *n.* the taste sensation produced by a substance in the mouth
255. ta_____e stimulation *adj.* relating to the sense of touch; tangible or perceptible through the sense of touch
256. re_____t deeper into their territory *n.* the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life
257. am_____us mass *adj.* without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless
258. pl_____nt odor *adj.* enjoyable, attractive, friendly, or agreeable

ANSWERS: 252. speculate, 253. envelop, 254. flavor, 255. tactile, 256. retreat, 257. amorphous, 258. pleasant

Session 3: Fill in the Blanks

1. Many people go on a _____ to recharge and reconnect with themselves.
n. the act of moving back or withdrawing from a position or situation; a period of rest or relaxation away from work or everyday life
2. This trail takes _____ 2.5 hours.
adv. close to a specific number or time but not exactly that number or time
3. The paper is _____ worth reading thoroughly.
adv. without any question and beyond doubt; clearly
4. After their boat engine failed, they were left _____ in the middle of the ocean.
adj. without purpose or direction; floating with no clear destination or goal; lacking a stable or secure position or status
5. They hope to _____ their business worldwide.
v. to increase or to make something greater in size, number, or importance
6. The blood's red coloring comes from iron _____.
n. a chemical compound that contains at least one oxygen atom and one other element
7. It is _____ to see criminal behavior even though it is minor.
adj. not enjoyable or comfortable
8. This scripture provides the code of _____ for the religion.
n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

ANSWERS: 1. retreat, 2. approximately, 3. definitely, 4. adrift, 5. expand, 6. oxide, 7. unpleasant, 8. ethics

9. I'm craving a cold _____ to quench my thirst.
- n.* a carbonated soft drink containing a sweetened syrup or flavoring, often used interchangeably with "pop" or "soda pop" in different regions of the world
10. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
11. Five miles is _____ similar to eight kilometers.
- adv.* approximately but not precisely; with a violent manner
12. The _____ amount of money raised for the charity was over a million dollars.
- n.* a collection or sum of different things often used to describe a total or combination of items
13. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
14. 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
15. Political corruption was common throughout the postwar _____.
- n.* a period that is distinct from others, typically in history
16. This pie _____ represents our market share.
- n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

ANSWERS: 9. soda, 10. dinosaur, 11. roughly, 12. aggregate, 13. planet, 14. government, 15. era, 16. chart

17. Breathing in large amounts of _____ like ozone, can harm the respiratory system.
- n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
18. The mother was _____ as she searched for her lost child.
- adj.* marked by uncontrolled excitement or emotion; wild; frenzied
19. The teacher asked me to rub out the _____.
- n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
20. I _____ the shirt in the sink before washing it.
- v.* to allow liquid to be absorbed, typically by immersing in it; to leave as a guarantee in return for money
21. The _____ for the cake is passed down from generation to generation in her family.
- n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
22. She _____ the atmosphere of the pre-war age with her stage setting.
- v.* to make something that existed previously happen or appear to exist again
23. _____ animals are graceful and efficient swimmers.
- adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
24. The room was only one _____ wider than the piano, making it a tight fit.
- n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

ANSWERS: 17. oxidants, 18. frantic, 19. blackboard, 20. soaked, 21. recipe, 22. recreated, 23. Polar, 24. centimeter

25. We use _____ nouns when there is more than one of something
- n.* the grammatical form of a noun or pronoun indicating that it refers to more than one thing or person
26. He bated his _____ when talking about this affair.
- n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
27. He has an _____ knowledge of American history.
- adj.* having a very close friendship, personal
28. The animal rights group worked to _____ the dolphins back into the wild.
- v.* to set free or allow to escape from confinement
29. He scraped his _____ when he fell off his bike.
- n.* the lowermost part of a person's face, below the mouth and above the neck
30. Battles between whites and blacks _____ immediately.
- v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
31. This bar _____ shows sales over the past five years.
- n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
32. Many people worry that the current real estate market is a _____ that could burst soon.
- n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 25. plural, 26. breath, 27. intimate, 28. release, 29. chin, 30. erupted, 31. graph, 32. bubble

33. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
34. Reading not only increases knowledge but also _____ life.
v. to make better or improve in quality by adding something else
35. The recent economic downturn has resulted in _____ layoffs.
adj. enormous amount; very heavy and solid
36. A well-known artist painted this lovely lady's _____.
n. a painting, picture; the likeness of a person, especially one showing the face
37. He is proud of the _____ of the business.
n. the property of being long-lived; significant duration of service
38. The _____ translation made it possible for everyone to understand the speaker.
adj. happening or being done at the same time
39. The hotel's staff is very _____ and efficient.
adj. enjoyable, attractive, friendly, or agreeable
40. My sister and I frequently _____ books, as we love reading.
v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 33. individual, 34. enriches, 35. massive, 36. portrait, 37. longevity, 38. simultaneous, 39. pleasant, 40. exchange

41. Both forts were subject to _____ attacks.

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

42. The _____ spun an intricate web in the corner of the room.

n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing

43. The two products _____ in their quality and price.

v. to be not like someone or something in some way

44. The newspaper devoted several _____ to the affair.

n. one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

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

n. the quality of compactness of a substance

46. My _____ standards are quite different from hers.

adj. connected with the enjoyment or study of beauty

47. He found _____ in the warm embrace of his loved ones.

n. a state of physical ease and freedom from pain or constraint

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

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

49. Her research team made an important _____.

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

ANSWERS: 41. immediate, 42. spider, 43. differed, 44. columns, 45. density, 46. aesthetic, 47. comfort, 48. equivalent, 49. discovery

50. Overall _____ are approximately 400x200mm.

n. a measurable extent of a particular kind, such as width, height, or length

51. The bartender will _____ the drink with sparkling water for a refreshing twist.

v. to spray or moisten something lightly with a fine mist or spray of liquid, often for refreshing, cooling, or adding flavor

52. During the flight, the wings of the plane _____.

v. to move or cause anything to move fast and in small increments from side to side

53. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

54. After watching the horror movie, she had a _____ reaction and couldn't sleep all night.

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

55. I caught a rare _____ in the mountains.

n. a slender-bodied non-stinging insect having two pairs of large transparent wings that are outspread at rest

56. Eyeless fish _____ in dark caves.

v. to develop gradually, or to cause the development of something or someone gradually

57. The clouded jellyfish has an _____ shape, making it difficult to identify.

adj. without a definite or clear shape or form; lacking a specific structure or organization; shapeless or formless

ANSWERS: 50. dimensions, 51. spritz, 52. vibrate, 53. invisible, 54. visceral, 55. dragonfly, 56. evolved, 57. amorphous

58. It's important to _____ your strengths and weaknesses.

- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

59. _____ design has become more focused on human nature aspect than ever before.

- adj.* of or relating to or resulting from industry

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

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

61. Necessity is the mother of _____.

- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

62. The fog _____ the city, making it difficult to see.

- v.* to surround and cover completely; to encase

63. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.

- n.* the complete disappearance of a species from the earth

64. The global community is undergoing _____ changes at present.

- adj.* radical and extreme; likely to have a significant or far-reaching impact

65. They study the _____ of the universe.

- n.* a gradual process of transformation of living things

ANSWERS: 58. recognize, 59. Industrial, 60. influence, 61. invention, 62. enveloped, 63. extinction, 64. drastic, 65. evolution

66. The interests of the two countries _____.
- v.* to hit something violently when moving
67. He is drawing a _____ illustrating how the equipment operates.
- n.* a simplified illustration of the appearance, structure, or workings of something
68. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
69. The sponge takes up the _____ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
70. The _____ between the two nations escalated into a full-blown war.
- n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement
71. The statement had a _____ impact on house prices.
- adj.* very sudden, very excellent, or full of action and excitement
72. He walked into the party with an _____ dressed companion, causing everyone to stare.
- adv.* in a way that is unexpected, strange, or peculiar
73. We need to _____ the next steps for the project during our meeting tomorrow.
- v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
74. The bald eagle has an impressive _____ of over 7 feet.
- n.* the distance between the tips of a bird's wings when fully extended and in flight; often used to describe the size or scope of something, particularly about physical objects or structures

ANSWERS: 66. collide, 67. diagram, 68. laboratory, 69. liquid, 70. confrontation, 71. dramatic, 72. oddly, 73. discuss, 74. wingspan

75. Perseverance and optimism are _____ to success.

adj. necessary for the success or continued existence of something

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

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

77. The coffee from your cup is starting to _____ down your shirt.

v. to allow a liquid or substance to flow slowly and steadily in small drops; to move a ball or object in a series of small bounces or taps, often while running or maneuvering around other players

78. The spider can _____ multiple different silk proteins.

v. to combine a substance to make a more complex product or compound

79. The ship encountered a series of _____ and had to change its course.

n. a large piece of ice floating in the sea, detached from a glacier

80. The _____ of the bees filled the air as she walked through the garden.

adj. producing a continuous, low, vibrating sound like that of the bee

81. A _____ private sector is crucial for economic growth.

adj. full of energy, life, and enthusiasm

82. Destructive fungi thrive in moist environments, such as those seen in wounds on the _____.

n. the main stem or body of a tree which its branches grow

83. He took a deep breath and slowly began to _____.

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

ANSWERS: 75. vital, 76. stable, 77. dribble, 78. synthesize, 79. icebergs, 80. humming, 81. vibrant, 82. trunk, 83. exhale

84. The volcanic _____ caused widespread destruction and left the area covered in ash.

n. an instance of a sudden and violent release of lava, gas, or ash from a volcano; a sudden outburst or explosion of something

85. He does not _____ importance to these rumors.

v. to fasten, join, or connect one thing to another

86. The _____ aroma of freshly baked bread drew me into the bakery.

adj. having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate

87. The _____ of the ice age have shaped Fjord.

n. a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

88. The _____ jets gradually dominate the world's airlines.

adj. enormous; much bigger or more important than similar items usually are

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

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

90. He used _____ logs to fuel the fire.

adj. relating to or resembling wood; having the texture or characteristics of wood

91. The player controls the game with a joystick or other _____ device.

adj. of or relating to or involving the sense of touch

ANSWERS: 84. eruption, 85. attach, 86. inviting, 87. glaciers, 88. giant, 89. crack, 90. ligneous, 91. haptic

92. He was a visiting _____ professor at the University of Tokyo.
n. a science that deals with the history of the earth as recorded in rocks
93. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities
94. The _____ sensation of the fabric was soft and smooth to the touch.
adj. relating to the sense of touch; tangible or perceptible through the sense of touch
95. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions
96. The new service helped _____ net income by 10%.
v. to improve, raise, or increase something
97. The _____ of the hackers into the company's database caused significant damage.
n. the act of entering a place or situation where one is not welcome or invited; the action or process of forcing a body of molten rock between or through existing formations without reaching the surface
98. A famous artist painted the room in a _____ pink hue.
adj. not readily apparent or visible
99. 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: 92. geology, 93. combination, 94. tactile, 95. chemistry, 96. boost, 97. intrusion, 98. subtle, 99. greenhouse

100. Life expectancy has grown _____ this century.

adv. in a very impressive manner

101. He _____ that this investment would lead to success.

v. to form a theory or conjecture or guess about a subject without solid evidence

102. This predictive model mechanically _____ past trends into the future.

v. to guess or think about what might happen or estimate something using the facts that you have now

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

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

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

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

105. He has terminal _____ cancer.

n. either of the two organs in the chest that people and some animals use for breathing

106. He looked out the window at the _____ stream of people.

adj. having no end or conclusion; infinitely very large in size or amount

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

adj. hardworking, diligent, and persistent in effort

108. The island was formed by a _____ millions of years ago.

n. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

ANSWERS: 100. dramatically, 101. speculated, 102. extrapolates, 103. Climate, 104. insects, 105. lung, 106. endless, 107. industrious, 108. volcano

109. Let's _____ the origins of some familiar foreign words.

v. to find or discover someone or something that was lost

110. The _____ lost his position in the end due to the scandal.

n. a person who is a member of a government or law-making organization, especially as an elected member of parliament, etc.

111. The sun has risen, and the _____ has faded.

n. a cloud of very small drops of water collecting in the air just above the ground or water

112. The sea surface temperature and _____ circulation are inextricably linked.

adj. about or located in the earth's atmosphere

113. She wore a _____ sweater to keep warm in the chilly office.

n. a knitted sweater or jacket that opens in the front and often has buttons or a zipper, typically made of wool or a similar material

114. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

115. 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

116. After drinking too much at the party, he woke up with a terrible _____.

n. the unpleasant physical and mental effects a person experiences after consuming too much alcohol; a lasting effect or aftereffect of something

ANSWERS: 109. trace, 110. politician, 111. mist, 112. atmospheric, 113. cardigan, 114. molecule, 115. carbon, 116. hangover

117. It was the first time in a long time that I felt truly _____ and at peace.
adj. not excited, angry, or nervous; free from wind, large waves
118. Consult your doctor if the symptoms _____.
v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
119. The recent _____ in grain prices is partly due to the war in the producing countries.
n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
120. The _____ force of the black hole was so strong that nothing, not even light, could escape.
adj. relating to or caused by gravity (= the force that attracts objects towards one another)
121. Two students answered the teacher's question _____.
adv. at the same time
122. The _____ of the coffee was rich and full-bodied.
n. the taste sensation produced by a substance in the mouth
123. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
124. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger

ANSWERS: 117. calm, 118. persist, 119. spike, 120. gravitational, 121. simultaneously, 122. flavor, 123. decision, 124. component

125. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

126. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

127. The government is eager to _____ international investment.

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

128. The passenger grabbed for the _____ mask.

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

129. His _____ writing style made the reader confused.

adj. difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

ANSWERS: 125. visual, 126. visible, 127. attract, 128. oxygen, 129. cumbersome