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Vocabulary Builder Reference from...

Ersin Han Ersin: What's it like to be a giant sequoia tree? | TED Talk

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

All Words

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Session 1: Word List

mosquito

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

breeze

n. a gentle wind that is not very strong or forceful, typically cool and refreshing

synonym : wind, gust, puff

(1) a **breeze** from an open window, (2) fresh ocean **breeze**

The summer **breeze** was refreshing after the hot day.

drift

v. to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

synonym : float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft

I **drifted** around for years in Europe before going to university.

surround

v. to be all around something or somebody

synonym : encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace
On three sides, mountains **surround** the settlement.

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust
The chef expertly **swirled** the sauce onto the plate.

purple

adj. of a color intermediate between red and blue

synonym: violet

(1) deep **purple**, (2) **purple** sweet potatoes
The plant has a stunning **purple** blossom.

engulf

v. to swallow up; to surround and cover completely

synonym: swallow, submerge, inundate

(1) **engulf** the politician, (2) **engulf** in water
The fire quickly **engulfed** the entire building.

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**.

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.

mesmerize

v. to captivate or fascinate; to hold the complete attention of

synonym : captivate, trance, enchant

(1) **mesmerize** a subject, (2) **mesmerize** with magic

The magician's performance **mesmerized** the audience.

glimpse

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

synonym : glance, peek, sighting

(1) a momentary **glimpse**, (2) passing **glimpse**

Our team caught a **glimpse** of the world-class technique in this game.

awe

n. a feeling of respect and wonder inspired by someone or something greatly admired

synonym : wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation

The **awe-inspiring** mountains dominate the landscape.

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.

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**.

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

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

When I was a child, my mother often cast **magical** spells to

ease my pain whenever I was injured.

unfurl

v. to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

synonym: unfold, expand, spread out

(1) **unfurl** my banner, (2) **unfurl** the sails

The flag slowly **unfurled** in the wind atop the flagpole.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict

Internet traffic volumes have increased significantly with the advent of **smartphones**.

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.

spectrum

n. an ordered array of colors into which a light beam can be split

synonym: range, scale, spread

(1) a broad **spectrum** of opinion, (2) infrared **spectrum**

This device displayed the speech **spectrum** spectrographically.

perceive

v. to become aware or conscious of something through the senses

synonym: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

foray

n. a sudden or brief attack or incursion; a venture into something unfamiliar or challenging

synonym : raid, attack, incursion

(1) make a quick **foray**, (2) **foray** into politics

The company made a **foray** into the Chinese market.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

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.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

robin

n. a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America

synonym : thrush, red-breast, redbird

(1) **robin** eggs, (2) **robin's** nest

I love listening to the cheerful song of the **robin** in my garden.

collective

adj. done or shared by every member of a group of people

synonym : composite, concerted, cumulative

(1) right to **collective** bargaining, (2) **collective** ownership

Product development is a **collective** effort.

marshmallow

n. a spongy confection made from sugar, corn syrup, and gelatin, often flavored with vanilla and molded into shapes or used as a topping or decoration for desserts

(1) **marshmallow** fluff, (2) **marshmallow** treat

She roasted **marshmallows** over the campfire.

laser

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

synonym : beam, bar, ray

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

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

feast

n. a large meal, typically one served on a special occasion

synonym : banquet, celebration, dinner

(1) a **feast** for the eyes, (2) a nightly **feast**

The royal **feast** celebrated the harvest, and the community enjoyed it.

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.

translate

v. to convert or change words into another language

synonym : convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

sensory

adj. of or relating to the physical senses

synonym : receptive, sensuous, neural

(1) a **sensory** organ, (2) a child with **sensory** issues

Sharks have highly developed **sensory** systems and are extremely sensitive creatures.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym : understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

owl

n. a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

synonym : raptor, bird of prey, nocturnal bird

(1) a night **owl**, (2) an **owl** hooted

The snowy **owl** is a large, white bird often seen in the Arctic.

umwelt

n. the environmental or perceptual world that an organism or individual experiences, particularly concerning the human experience of reality as shaped by cultural, psychological, and physiological factors

synonym : environment, surroundings, habitat

(1) **umwelt** theory, (2) study of **umwelt**

A fish's **umwelt** differs from a bird's because they are adapted to different environments.

concept

n. an idea or principle associated with something abstract

synonym : idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

pioneering

adj. involving new ideas or methods; being the first of their kind; leading the way in a particular field

synonym : innovative, groundbreaking, trailblazing

(1) **pioneering** research, (2) **pioneering** spirit

The **pioneering** scientist developed a breakthrough technology that revolutionized the industry.

biology

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

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

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

unique

adj. being the only one of its kind; unlike anything else

synonym: one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

organism

n. a tiny living thing

synonym: being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

notion

n. a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

synonym: idea, concept, belief

(1) **notion** of success, (2) vague **notion**

The **notion** of time travel has long fascinated scientists and fiction writers alike.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

unknowable

adj. impossible to know or comprehend; beyond the limits of human understanding

synonym: mysterious, enigmatic, unknowable

(1) **unknowable** complexity, (2) **unknowable** future

The mysteries of the universe are often considered **unknowable**.

essence

n. the basic or most important part or quality of something that makes it what it is

synonym: core, nature, disposition

(1) vanilla **essence**, (2) universal **essence**

University teaches the art of understanding the **essence** of the matter.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

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.

voyage

n. a long journey, especially by sea or in space

synonym: journey, trip, excursion

(1) a **voyage** of discovery, (2) take a **voyage**

The astronaut trained for years before embarking on her **voyage** to the International Space Station.

behold

v. to look at and observe with attention

synonym: see, observe, watch

(1) **behold** the sunrise, (2) a joy to **behold**

His angry expression was not a pleasant sight to **behold**.

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.

kingdom

n. the country ruled by a king or queen

synonym: empire, realm, land

(1) establish his **kingdom**, (2) a subordinate **kingdom**

By remaining neutral, this **kingdom** continued to exist.

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.

miracle

n. an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

synonym: wonder, marvel, phenomenon

(1) **miracle** person, (2) economic **miracle**

The doctors said that her recovery was a **miracle**.

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display

Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

standing

adj. existing or remaining upright; having a vertical position;
(noun) social, financial, or professional status or reputation

synonym: upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

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.

sequoia

n. a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood

synonym : redwood

(1) a giant **sequoia**, (2) **Sequoia** National Park

The **sequoia** tree is known for its massive size and long lifespan.

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.

importance

n. the quality of being important and worthy of note

synonym : significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

embody

v. to represent or exemplify something; to give tangible form to an abstract idea

synonym : represent, exemplify, personify

(1) **embody** my goal, (2) **embody** a spirit of charity

The company's new products **embody** the values of innovation and sustainability.

endure

v. to undergo or bear something difficult, unpleasant, or challenging over a period of time; to persist or continue

despite hardships or adversity

synonym : bear, tolerate, withstand

(1) **endure** adversity, (2) **endure** challenges

I had to **endure** intense physical pain during the marathon to cross the finish line.

vast

adj. enormous in size, number, amount, or quantity

synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

relation

n. the way two persons or groups of people feel and act toward one another

synonym : association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

anchor

n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

synonym : mainstay, ballast, backbone

(1) **anchor** bolt, (2) **anchor** weight

The ship dropped **anchor** in the bay.

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**.

peer

n. a person who has the same age, status, or ability

synonym : fellow, associate, counterpart

(1) **peer** group, (2) **peer** review

Among young people, **peer** pressure can be pretty influential.

bark

n. the hard outer layer of a tree; a sound made by dogs or some other animals

synonym: skin, husk, crust

(1) trees with rough **bark**, (2) **bark** at the moon

He removed the **bark** from the tree.

vascular

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

synonym: circulatory, cardiovascular, arterial

(1) **vascular** disease, (2) **vascular** surgery

The doctor detected a blockage in the patient's **vascular** system.

rev

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

synonym: revolution, RPM, speed

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

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

infinite

adj. unlimited or very great; impossible to measure

synonym: boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

tapestry

n. a piece of fabric or cloth that is woven with intricate designs or scenes, often depicting historical or mythological events; a complex or intricate story, idea, or situation

synonym : embroidery, hanging, cloth

(1) colorful **tapestry**, (2) intricate **tapestry** design

The **tapestry** on the wall depicted a medieval battle scene.

interdependence

n. the fact or state of depending on each other

synonym : relation, interconnection, linkage

(1) **interdependence** of mind and body, (2) global **interdependence**

The diplomatic rivalry between the two countries has strengthened the **interdependence** of their intra-regional supply chains for their manufacturing industries.

phloem

n. the tissue in plants that conducts sugars and other metabolic products downward from the leaves

synonym : sieve tube, vascular tissue, plant sap

(1) **phloem** tissue, (2) **phloem** cell

The **phloem** transports the sugars produced in the leaves to other plant parts.

xylem

n. the tissue in plants that conducts water and dissolved nutrients from the roots upward through the stem and into the leaves

synonym : wood, tree sap, plant stem

(1) **xylem** vessels, (2) **xylem** cell

The **xylem** in trees gives them strength and allows them to transport water and nutrients.

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.

ascend

v. to go or move upward; to become king or queen; to inherit something, such as a power

synonym : rise, climb, go up

(1) **ascend** the ladder, (2) **ascend** to power

The plane began to **ascend** into the sky.

canopy

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

synonym : cover, top, shade

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

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

neon

n. a chemical element of atomic number 10 that is a gas with no smell or color, does not react with other chemicals, and shines with a bright light when electricity is passed through it

synonym : fluorescent, glowing, illuminated

(1) luminous **neon** tube, (2) **neon** lights

The nightlife district was lit up with colorful **neon** signs and bright lights.

moss

n. a small, soft plant that grows in a low, compact layer, often on the ground or on rocks

synonym : plant, foliage, greenery

(1) green **moss**, (2) **moss** garden

Moss grows in damp, shaded areas and is often found on the forest floor.

lichen

n. a composite organism consisting of a symbiotic relationship between a fungus and an alga or cyanobacterium

synonym : fungus, plant, symbiotic organism

(1) **lichen** fungus, (2) **lichen** families

The **lichen** on the old tree bark was thick and lush, a sign of a healthy ecosystem.

branch

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

synonym : limb, twig, bough

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

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

shrink

v. to become smaller, or to make something smaller in size or amount

synonym : decrease, diminish, shy away

(1) **shrink** the tumor, (2) **shrink** with fear

This shirt will **shrink** in the wash.

pine

n. a coniferous tree of the Pinaceae family, having needles and cones and characterized by its tall and slender shape; (verb) to have a desire for something or someone who is not present

synonym : conifer, evergreen, (verb) long for

(1) **pine** needle, (2) **pine** away for him

The **pine** trees in the forest gave off a fresh and invigorating scent.

needle

n. a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

synonym : thorn, spike, pin

(1) **needle** prick, (2) sewing **needle**

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

photon

n. a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation

synonym : particle, quantum, light

(1) **photon** emission, (2) **photon** energy

Infrared cameras detect **photons** in the infrared range of the electromagnetic spectrum.

materialize

v. to become actual or real; to take physical form or shape; to appear or come into existence in a tangible way

synonym : appear, manifest, emerge

(1) **materialize** a cease-fire, (2) **materialize** in the dimness

The expected profits from their new venture did not **materialize** as predicted.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

installation

n. the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

synonym : induction, introduction, furnishing

(1) **installation** fee, (2) a medical **installation**

The Queen attested the **installation** of state ministers to their portfolios.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym : look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

scent

n. a distinctive smell, especially a pleasant one

synonym : fragrance, aroma, perfume

(1) natural **scent**, (2) **scent** memory

The **scent** of freshly baked bread filled the bakery.

immerse

v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

synonym: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

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.

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.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

bioelectricity

n. the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials

synonym : biological currents

(1) **bioelectricity** in cells, (2) **bioelectricity** experiments
Researchers are exploring ways to harness **bioelectricity** to develop innovative medical treatments and therapies.

symphony

n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

synonym : orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**
The frequent performances of the **symphony** prove its popularity.

soundscape

n. the overall sound environment of a particular area or place

synonym : auditory environment, acoustics

(1) **soundscape** music, (2) tranquil **soundscape**
The **soundscape** of the city was a symphony of car horns and chatter.

collaboration

n. the act or situation of working together to create or produce something

synonym : affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

flora

n. all the plants in a particular region or time, typically regarded as a whole

synonym : vegetation, plants, greenery

(1) bowel **flora**, (2) aquatic **flora**

The Amazon rainforest is home to a diverse **flora** of plant species.

participate

v. to take part in something

synonym: take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

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.

vest

n. a sleeveless garment that is usually worn over a shirt and serves either as a protective layer or as an article of clothing for extra warmth; (verb) to give or confer a right, power, or authority

synonym: jacket, waistcoat, garment

(1) **vest** him with authority, (2) bulletproof **vest**

The hiker put his map and compass in the **vest** pocket for easy access.

vibration

n. a continuous quick and slight shaking movement

synonym: oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

Vibration displaced part of the mechanism.

heartbeat

n. the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

synonym: beat, pulse, force

(1) **heartbeat** abnormality, (2) a pounding **heartbeat**

New York is the commercial **heartbeat** of America.

contemplate

v. to think about a possible future action or to think about something for a long time thoughtfully

synonym: think over, ponder, consider

(1) **contemplate** a marriage, (2) **contemplated** leaving school

I recently **contemplated** dropping out of school and getting a full-time job.

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.

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

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.

inhale

v. to breathe in air or a different substance, such as smoke

synonym: breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma

He **inhaled** deeply, trying to calm down.

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**.

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.

rhythmic

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

synonym: measured, metrical, cadenced

(1) a **rhythmic** stroking, (2) in a **rhythmic** pace

The **rhythmic** sound of the drums was mesmerizing.

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.

murmur

v. to say something very quietly; to complain about somebody or something under one's breath

synonym: burble, gurgle, mutter

(1) **murmur** at low wages, (2) **murmur** a greeting

He always **murmurs** at the ill-treatment.

fee

n. a sum of money charged for a particular service

synonym: charge, cost, expense

(1) **fee** calculation, (2) service **fee**

The lawyer's **fee** for the case was \$10,000.

outward

adj. relating to the external appearance or surface of something; visible

synonym: external, surface, exterior

(1) an **outward** journey, (2) **outward** cheerfulness

The **outward** appearance of the building was impressive, but the inside was in dire need of repairs.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

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.

confine

v. to restrict the movement of someone or something

synonym: restrict, limit, contain

(1) **confine** themselves solely, (2) **confine** the scope of use

The animal was **confined** in a small cage.

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.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

blur

n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear

vision

synonym : smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

transcend

v. to rise above or go beyond the limits of something

synonym : surpass, exceed, overcome

(1) **transcend** boundaries, (2) **transcend** limits

The music **transcended** cultural barriers and reached audiences globally.

sustain

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

synonym : maintain, nurture, support

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

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

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.

enmesh

v. to entangle or involve someone or something in a complicated or difficult situation; to catch or trap as if in a net or mesh; to become entangled or caught up in something

synonym : entangle, trap, ensnare

(1) **enmesh** the fly in its web, (2) become **enmeshed** in legal battles

Her family drama **enmeshed** her in a web of lies and deceit.

entangle

v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape

synonym :

ensnare, entrap, involve

(1) **entangle** in wires, (2) emotionally **entangle**

The vines of the plant **entangled** themselves around the trellis.

realization

n. the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

synonym: achievement, attainment, understanding

(1) **realization** of a concept, (2) harsh **realization**

Her sudden **realization** of her mistake caused her great regret.

underscore

v. to give extra weight to communication; to draw a line or lines under a word, sentence, etc., to call attention to it

synonym: emphasize, underline, highlight

(1) **underscore** an important fact, (2) **underscore** the severity

That incident **underscored** the vulnerability of the national defense system.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym: bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

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.

respiration

n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

synonym : breathing, ventilation

(1) **respiration** rate, (2) artificial **respiration**

The doctor carefully monitored the patient's **respiration** during the surgery.

pore

n. a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively

synonym : stoma, foramen

(1) woody **pore** fungi, (2) **pore** over reference books

I was sweating at every **pore**.

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**.

soil

n. the top layer of Earth in which plants grow

synonym : earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

ancient

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

synonym : archaic, age-old, obsolete

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

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

cooperation

n. the act or situation of working together with someone towards a shared purpose, benefit, etc.

synonym: collaboration, affiliation, alliance

(1) **cooperation** with strategic partners, (2) thoroughgoing **cooperation**

The **cooperation** between businesses and universities created this groundbreaking product.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym: mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

thread

n. a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

synonym: filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

mycelium

n. the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

(1) **mycelium** growth, (2) aerial **mycelium**

The **mycelium** of the mushroom spread through the soil, absorbing nutrients.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym : brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

Intelligent robots that can cooperate with humans have limited motor output for safety.

nurture

v. to take care of, feed, and protect someone or something while they are growing and developing

synonym : boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.

reciprocity

n. a mutual exchange of help and advantages; privileges granted in return for similar privileges

synonym : mutuality, interchange, exchange

(1) **reciprocity** relationship, (2) **reciprocity** exchange

The policy of **reciprocity** between the two countries allowed for visa-free travel.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym : beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

harmonious

adj. characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone

synonym : concordant, consistent, melodious

(1) **harmonious** relationship, (2) **harmonious** blend

The painting's **harmonious** composition and balance of colors made it a masterpiece.

rhythm

n. a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

synonym : beat, cadence, tempo

(1) in samba **rhythm**, (2) irregular heart **rhythm**

He beat out a jazz **rhythm** on the cajones.

exploration

n. the activity of searching and finding out about something through a place

synonym : inquiry, quest, investigation

(1) future of space **exploration**, (2) an Arctic **exploration**

He called for a careful **exploration** of the consequences.

diverse

adj. including numerous categories of individuals or entities; various

synonym : manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

beneath

adv. in or to a lower place than someone or something

synonym : down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

embark

v. to go on board a ship or plane; to set out on an enterprise or subject of study; to start something

synonym : enter, undertake, commence

(1) **embark** on a trip, (2) **embark** on a foolish adventure

We **embarked** on a new project.

imaginary

adj. existing only in someone's mind

synonym : fictional, ideal, fantastical

(1) **imaginary** number, (2) **imaginary** pregnancy

Little children tend to have **imaginary** friends.

groundbreaking

adj. producing fresh findings; using novel techniques

synonym : innovative, revolutionary

(1) **groundbreaking** concept, (2) **groundbreaking** settlement

He has produced **groundbreaking** research on the subject.

primordial

adj. existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe

synonym : ancient, original, primary

(1) **primordial** forms of life, (2) **primordial** gas

The discovery of the **primordial** soup was a crucial step in understanding the origins of life on Earth.

dismantle

v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

synonym : take apart, demolish, take down

(1) **dismantle** a machine, (2) **dismantle** a system

The old building had to be **dismantled** because it was structurally unsound.

myth

n. an ancient story or set of stories accepted as history, especially explaining the worldview of a people

synonym : fable, legend, lore

(1) the **myth** of an old religion, (2) perpetuate a **myth**

With the financial bubble bursting, the **myth** of economic growth in investment banking collapsed.

separate

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

synonym : disunite, isolate, ramify

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

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

emotional

adj. relating to people's feelings

synonym : affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

resonance

n. a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

synonym: echo, vibration, reverberation

(1) **resonance** frequency, (2) harmonic **resonance**

The singer's voice filled the auditorium with beautiful **resonance**.

emerging

adj. starting to exist, mature, or become well-known

synonym: arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies

Emerging technologies have dramatically improved productivity in various industries.

indigenous

adj. someone or something that is native to or occurring naturally in a particular place

synonym: domestic, endemic, primitive

(1) **indigenous** crop, (2) **indigenous** peoples

The **indigenous** plants need to be pollinated by local insects.

wisdom

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

synonym: sagacity, discernment, insight

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

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

compel

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

synonym: force, oblige, coerce

(1) **compel** a person to submission, (2) **compel** attention

The strict deadlines will **compel** the team to work efficiently.

honor

n. high regard or great respect for someone; the quality of having and doing based on a keen sense of morality;
(verb) to show respect towards someone

synonym : integrity, virtue, acclaim

(1) womanly **honor**, (2) **honor** our ancestors

I claim on my **honor** that it is true.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym : improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

reconnect

v. to connect again after a break or interruption

synonym : reopen, rejoin, link up

(1) **reconnect** a telephone, (2) **reconnect** with family

After a long period of estrangement, they **reconnected** with each other.

fantastic

adj. extremely good; excellent

synonym : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

appreciation

n. the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time

synonym : recognition, admiration, esteem

(1) express my **appreciation**, (2) **appreciation** for diversity

The artist received a lot of **appreciation** for his latest work.

grasp

v. to take hold of something or someone quickly and firmly

synonym : grab, clasp, grip

(1) **grasp** his hand, (2) **grasp** a chance

They spent a lot of time trying to **grasp** the current situation.

extension

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

synonym: addition, augment, supplement

(1) time **extension**, (2) telephone **extension**

They are building an **extension** to the house to add more bedrooms.

Session 2: Spelling

1. pri_____al forms of life *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
2. en___e adversity *v.* to undergo or bear something difficult, unpleasant, or challenging over a period of time; to persist or continue despite hardships or adversity
3. a pounding he_____at *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
4. 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
5. symbiotic fu___s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
6. a weak pu___e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
7. a feeling of a_e *n.* a feeling of respect and wonder inspired by someone or something greatly admired

ANSWERS: 1. primordial, 2. endure, 3. heartbeat, 4. discovery, 5. fungus, 6. pulse, 7. awe

8. barren of cr____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
9. nu____e his talents *v.* to take care of, feed, and protect someone or something while they are growing and developing
10. re____ce frequency *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
11. im____ry pregnancy *adj.* existing only in someone's mind
12. tr____te the emotion to a movement *v.* to convert or change words into another language
13. fu____s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
14. en____h the fly in its web *v.* to entangle or involve someone or something in a complicated or difficult situation; to catch or trap as if in a net or mesh; to become entangled or caught up in something
15. col____ion between companies *n.* the act or situation of working together to create or produce something
16. im____ry number *adj.* existing only in someone's mind

ANSWERS: 8. creative, 9. nurture, 10. resonance, 11. imaginary, 12. translate, 13. fungus, 14. enmesh, 15. collaboration, 16. imaginary

17. a vo___e of discovery *n.* a long journey, especially by sea or in space
18. womanly ho__r *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
19. em____ng country *adj.* starting to exist, mature, or become well-known
20. infrared sp____um *n.* an ordered array of colors into which a light beam can be split
21. 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
22. fo__y into politics *n.* a sudden or brief attack or incursion; a venture into something unfamiliar or challenging
23. di___r from the majority *v.* to be not like someone or something in some way
24. co___l a person to submission *v.* to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
25. my in____te affairs *adj.* having a very close friendship, personal
26. gr__p his hand *v.* to take hold of something or someone quickly and firmly
27. a_m to be a nurse *v.* to try or plan to get or achieve something

ANSWERS: 17. voyage, 18. honor, 19. emerging, 20. spectrum, 21. breath, 22. foray, 23. differ, 24. compel, 25. intimate, 26. grasp, 27. aim

28. telephone ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
29. rea_____on of a concept *n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
30. green m__s *n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
31. a subordinate ki_____m *n.* the country ruled by a king or queen
32. p__e needle *n.* a coniferous tree of the Pinaceae family, having needles and cones and characterized by its tall and slender shape; (verb) to have a desire for something or someone who is not present
33. ma_____l place *adj.* produced by or containing supernatural powers
34. tr_____nd boundaries *v.* to rise above or go beyond the limits of something
35. thoroughgoing coo_____on *n.* the act or situation of working together with someone towards a shared purpose, benefit, etc.

ANSWERS: 28. extension, 29. realization, 30. moss, 31. kingdom, 32. pine, 33. magical, 34. transcend, 35. cooperation

36. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
37. 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
38. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
39. 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
40. ma_____y the danger *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
41. re___r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
42. dr_____ly larva *n.* a slender-bodied non-stinging insect having two pairs of large transparent wings that are outspread at rest
43. a se_____y organ *adj.* of or relating to the physical senses
44. vanilla es_____e *n.* the basic or most important part or quality of something that makes it what it is

ANSWERS: 36. nation, 37. develop, 38. standing, 39. breath, 40. magnify, 41. render, 42. dragonfly, 43. sensory, 44. essence

45. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
46. the tr__k of the body *n.* the main stem or body of a tree which its branches grow
47. 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
48. an___r weight *n.* a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
49. in_____te appetite *adj.* unlimited or very great; impossible to measure
50. a_m at a specific target *v.* to try or plan to get or achieve something
51. start a new th___d *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
52. me_____ze with magic *v.* to captivate or fascinate; to hold the complete attention of

ANSWERS: 45. eventually, 46. trunk, 47. discovery, 48. anchor, 49. infinite, 50. aim, 51. thread, 52. mesmerize

53. natural sc__t *n.* a distinctive smell, especially a pleasant one
54. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
55. em___y my goal *v.* to represent or exemplify something; to give tangible form to an abstract idea
56. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
57. re_____ct a telephone *v.* to connect again after a break or interruption
58. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
59. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
60. coo_____on with strategic partners *n.* the act or situation of working together with someone towards a shared purpose, benefit, etc.
61. gro_____ing concept *adj.* producing fresh findings; using novel techniques
62. har_____us relationship *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
63. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
64. sh___k the tumor *v.* to become smaller, or to make something smaller in size or amount

ANSWERS: 53. scent, 54. humming, 55. embody, 56. giant, 57. reconnect, 58. smartphone, 59. industrial, 60. cooperation, 61. groundbreaking, 62. harmonious, 63. standing, 64. shrink

65. no___n of success *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
66. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
67. geographical bo_____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
68. bio_____ity experiments *n.* the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials
69. sh___k with fear *v.* to become smaller, or to make something smaller in size or amount
70. tr_____nd limits *v.* to rise above or go beyond the limits of something
71. su_____nd a town *v.* to be all around something or somebody
72. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
73. n__n lights *n.* a chemical element of atomic number 10 that is a gas with no smell or color, does not react with other chemicals, and shines with a bright light when electricity is passed through it

ANSWERS: 65. notion, 66. enhance, 67. boundary, 68. bioelectricity, 69. shrink, 70. transcend, 71. surround, 72. extraordinary, 73. neon

74. app_____ion for diversity *n.* the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time
75. re_____ct with family *v.* to connect again after a break or interruption
76. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
77. aerial my_____um *n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
78. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
79. em_____al health *adj.* relating to people's feelings
80. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
81. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
82. a seafaring na_____n *n.* a large organized community of people living in a particular country or region and having a particular culture
83. mar_____ow treat *n.* a spongy confection made from sugar, corn syrup, and gelatin, often flavored with vanilla and molded into shapes or used as a topping or decoration for desserts

ANSWERS: 74. appreciation, 75. reconnect, 76. boundary, 77. mycelium, 78. experiment, 79. emotional, 80. ecosystem, 81. compose, 82. nation, 83. marshmallow

84. a man of imp_____ce *n.* the quality of being important and worthy of note
85. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
86. mar_____ow fluff *n.* a spongy confection made from sugar, corn syrup, and gelatin, often flavored with vanilla and molded into shapes or used as a topping or decoration for desserts
87. ma_____y the image for display *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
88. li___n families *n.* a composite organism consisting of a symbiotic relationship between a fungus and an alga or cyanobacterium
89. an o_l hooted *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
90. ro__n eggs *n.* a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America
91. motion b__r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
92. ou_____d cheerfulness *adj.* relating to the external appearance or surface of something; visible

ANSWERS: 84. importance, 85. branch, 86. marshmallow, 87. magnify, 88. lichen, 89. owl, 90. robin, 91. blur, 92. outward

93. trees with rough b__k *n.* the hard outer layer of a tree; a sound made by dogs or some other animals
94. in____te in supply *adj.* unlimited or very great; impossible to measure
95. ho__r our ancestors *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
96. em_____al distress *adj.* relating to people's feelings
97. en___f the politician *v.* to swallow up; to surround and cover completely
98. become en___hed in legal battles *v.* to entangle or involve someone or something in a complicated or difficult situation; to catch or trap as if in a net or mesh; to become entangled or caught up in something
99. ph___m cell *n.* the tissue in plants that conducts sugars and other metabolic products downward from the leaves
100. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
101. di_____le a system *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
102. pu___e sweet potatoes *adj.* of a color intermediate between red and blue
103. 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

ANSWERS: 93. bark, 94. infinite, 95. honor, 96. emotional, 97. engulf, 98. enmesh, 99. phloem, 100. complexity, 101. dismantle, 102. purple, 103. dragonfly

104. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
105. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
106. high imp_____ce *n.* the quality of being important and worthy of note
107. woody p___e fungi *n.* a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively
108. ro___n's nest *n.* a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America
109. p___r review *n.* a person who has the same age, status, or ability
110. in___e the aroma *v.* to breathe in air or a different substance, such as smoke
111. mu___r at low wages *v.* to say something very quietly; to complain about somebody or something under one's breath
112. harsh rea_____on *n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
113. br___h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

ANSWERS: 104. modern, 105. relation, 106. importance, 107. pore, 108. robin, 109. peer, 110. inhale, 111. murmur, 112. realization, 113. branch

114. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
115. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
116. sw__l the wine *v.* to move in a circular or spiral pattern
117. tr__e back to medieval times *v.* to find or discover someone or something that was lost
118. unk_____le future *adj.* impossible to know or comprehend; beyond the limits of human understanding
119. co_____e the scope of use *v.* to restrict the movement of someone or something
120. di_____le a machine *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
121. gro_____ing settlement *adj.* producing fresh findings; using novel techniques
122. a rh_____ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
123. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
124. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
125. fresh ocean br___e *n.* a gentle wind that is not very strong or forceful, typically cool and refreshing

ANSWERS: 114. fundamental, 115. smartphone, 116. swirl, 117. trace, 118. unknowable, 119. confine, 120. dismantle, 121. groundbreaking, 122. rhythmic, 123. ecosystem, 124. engineer, 125. breeze

126. em___k on a trip *v.* to go on board a ship or plane; to set out on an enterprise or subject of study; to start something
127. en___e challenges *v.* to undergo or bear something difficult, unpleasant, or challenging over a period of time; to persist or continue despite hardships or adversity
128. economic mi____e *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
129. re___r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
130. xy__m cell *n.* the tissue in plants that conducts water and dissolved nutrients from the roots upward through the stem and into the leaves
131. vague no___n *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
132. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
133. em___y a spirit of charity *v.* to represent or exemplify something; to give tangible form to an abstract idea
134. a beautiful sy____ny *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

ANSWERS: 126. embark, 127. endure, 128. miracle, 129. render, 130. xylem, 131. notion, 132. laser, 133. embody, 134. symphony

135. en_____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
136. p__e over reference books *n.* a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively
137. 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
138. a nightly fe__t *n.* a large meal, typically one served on a special occasion
139. a broad sp_____um of opinion *n.* an ordered array of colors into which a light beam can be split
140. future of space exp_____on *n.* the activity of searching and finding out about something through a place
141. group of or_____sms *n.* a tiny living thing
142. col_____ion platform *n.* the act or situation of working together to create or produce something
143. wi___m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
144. int_____nce of mind and body *n.* the fact or state of depending on each other
145. v__t majority *adj.* enormous in size, number, amount, or quantity

ANSWERS: 135. encounter, 136. pore, 137. carbon, 138. feast, 139. spectrum, 140. exploration, 141. organism, 142. collaboration, 143. wisdom, 144. interdependence, 145. vast

146. en____le in wires *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
147. right to col_____ve bargaining *adj.* done or shared by every member of a group of people
148. a br___e from an open window *n.* a gentle wind that is not very strong or forceful, typically cool and refreshing
149. vi_____e stars *adj.* capable of being seen; or open to easy view
150. time ex_____on *n.* a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line
151. b__d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
152. bulletproof v__t *n.* a sleeveless garment that is usually worn over a shirt and serves either as a protective layer or as an article of clothing for extra warmth; (verb) to give or confer a right, power, or authority
153. a fa_____ic dress *adj.* extremely good; excellent
154. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 146. entangle, 147. collective, 148. breeze, 149. visible, 150. extension, 151. bond, 152. vest, 153. fantastic, 154. humming

155. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
156. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
157. absolutely fa_____ic event *adj.* extremely good; excellent
158. un___e design *adj.* being the only one of its kind; unlike anything else
159. intricate ta_____ry design *n.* a piece of fabric or cloth that is woven with intricate designs or scenes, often depicting historical or mythological events; a complex or intricate story, idea, or situation
160. in_____le stars *adj.* impossible or nearly impossible to see
161. su_____n a wellness lifestyle *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
162. pio_____ng research *adj.* involving new ideas or methods; being the first of their kind; leading the way in a particular field
163. as___d to power *v.* to go or move upward; to become king or queen; to inherit something, such as a power
164. ne___e prick *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

ANSWERS: 155. complexity, 156. laser, 157. fantastic, 158. unique, 159. tapestry, 160. invisible, 161. sustain, 162. pioneering, 163. ascend, 164. needle

165. a stone wall su_____nds the palace *v.* to be all around something or somebody
166. 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
167. sou_____pe music *n.* the overall sound environment of a particular area or place
168. ind_____us crop *adj.* someone or something that is native to or occurring naturally in a particular place
169. va_____ar surgery *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
170. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
171. bio_____ity in cells *n.* the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials
172. 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
173. dr__t away on a raft *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

ANSWERS: 165. surround, 166. planet, 167. soundscape, 168. indigenous, 169. vascular, 170. ancient, 171. bioelectricity, 172. develop, 173. drift

174. a person of di____e talents *adj.* including numerous categories of individuals or entities; various
175. 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
176. global int_____nce *n.* the fact or state of depending on each other
177. a fountain of wi____m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
178. perpetuate a m__h *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
179. di____e backgrounds *adj.* including numerous categories of individuals or entities; various
180. 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
181. make a quick fo__y *n.* a sudden or brief attack or incursion; a venture into something unfamiliar or challenging
182. an____r bolt *n.* a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
183. ind_____us peoples *adj.* someone or something that is native to or occurring naturally in a particular place

ANSWERS: 174. diverse, 175. universe, 176. interdependence, 177. wisdom, 178. myth, 179. diverse, 180. carbon, 181. foray, 182. anchor, 183. indigenous

184. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
185. con_____te a marriage *v.* to think about a possible future action or to think about something for a long time thoughtfully
186. mo_____to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
187. an ou_____d journey *adj.* relating to the external appearance or surface of something; visible
188. ca_____y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
189. gr__p a chance *v.* to take hold of something or someone quickly and firmly
190. tr__e a telephone call *v.* to find or discover someone or something that was lost
191. in a rh_____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
192. 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
193. tr_____te a document into English *v.* to convert or change words into another language
194. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another

ANSWERS: 184. experiment, 185. contemplate, 186. mosquito, 187. outward, 188. canopy, 189. grasp, 190. trace, 191. rhythmic, 192. pump, 193. translate, 194. relation

195. und_____re the severity *v.* to give extra weight to communication; to draw a line or lines under a word, sentence, etc., to call attention to it
196. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
197. under a ca___y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
198. a fe__t for the eyes *n.* a large meal, typically one served on a special occasion
199. my_____um growth *n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
200. aquatic fl__a *n.* all the plants in a particular region or time, typically regarded as a whole
201. establish his ki_____m *n.* the country ruled by a king or queen
202. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
203. a night o_l *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
204. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
205. un___l my banner *v.* to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

ANSWERS: 195. underscore, 196. soil, 197. canopy, 198. feast, 199. mycelium, 200. flora, 201. kingdom, 202. enhance, 203. owl, 204. compose, 205. unfurl

206. unk_____le complexity *adj.* impossible to know or comprehend; beyond the limits of human understanding
207. be_____h contempt *adv.* in or to a lower place than someone or something
208. 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
209. co_____l attention *v.* to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
210. a medical ins_____ion *n.* the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
211. mo_____to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
212. b__r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
213. tranquil sou_____pe *n.* the overall sound environment of a particular area or place
214. um_____t theory *n.* the environmental or perceptual world that an organism or individual experiences, particularly concerning the human experience of reality as shaped by cultural, psychological, and physiological factors

ANSWERS: 206. unknowable, 207. beneath, 208. oxygen, 209. compel, 210. installation, 211. mosquito, 212. blur, 213. soundscape, 214. umwelt

215. be___d the sunrise *v.* to look at and observe with attention
216. 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
217. vi____e by X-ray *adj.* capable of being seen; or open to easy view
218. passing gl____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
219. con____ted leaving school *v.* to think about a possible future action or to think about something for a long time thoughtfully
220. v__t him with authority *n.* a sleeveless garment that is usually worn over a shirt and serves either as a protective layer or as an article of clothing for extra warmth; (verb) to give or confer a right, power, or authority
221. completely im____e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
222. im____e the cloth in the dye *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
223. mo____n poetry *adj.* of or belonging to the present time or recent times
224. rec____ty relationship *n.* a mutual exchange of help and advantages; privileges granted in return for similar privileges

ANSWERS: 215. behold, 216. universe, 217. visible, 218. glimpse, 219. contemplate, 220. vest, 221. immerse, 222. immerse, 223. modern, 224. reciprocity

225. a sy____ny orchestra *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
226. har_____us blend *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
227. par_____te fully in conversation *v.* to take part in something
228. pu__e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
229. the m__h of an old religion *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
230. service f_e *n.* a sum of money charged for a particular service
231. global b__d market *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
232. 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
233. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

ANSWERS: 225. symphony, 226. harmonious, 227. participate, 228. pulse, 229. myth, 230. fee, 231. bond, 232. exhale, 233. respiration

234. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
235. sewing ne___e *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood
236. dr__t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
237. mi_____e person *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
238. en___f in water *v.* to swallow up; to surround and cover completely
239. ind_____al alcohol *adj.* of or relating to or resulting from industry
240. mu___r a greeting *v.* to say something very quietly; to complain about somebody or something under one's breath
241. an Arctic exp_____on *n.* the activity of searching and finding out about something through a place
242. luminous n__n tube *n.* a chemical element of atomic number 10 that is a gas with no smell or color, does not react with other chemicals, and shines with a bright light when electricity is passed through it
243. co_____t car *n.* an idea or principle associated with something abstract

ANSWERS: 234. giant, 235. needle, 236. drift, 237. miracle, 238. engulf, 239. industrial, 240. murmur, 241. exploration, 242. neon, 243. concept

244. ha___c feedback *adj.* of or relating to or involving the sense of touch
245. co_____e themselves solely *v.* to restrict the movement of someone or something
246. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
247. sc__t memory *n.* a distinctive smell, especially a pleasant one
248. sympathetic vi_____on *n.* a continuous quick and slight shaking movement
249. ex___e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
250. b__k at the moon *n.* the hard outer layer of a tree; a sound made by dogs or some other animals
251. Se_____a National Park *n.* a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood
252. study of um___t *n.* the environmental or perceptual world that an organism or individual experiences, particularly concerning the human experience of reality as shaped by cultural, psychological, and physiological factors
253. take a vo___e *n.* a long journey, especially by sea or in space
254. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 244. haptic, 245. confine, 246. fundamental, 247. scent, 248. vibration, 249. exhale, 250. bark, 251. sequoia, 252. umwelt, 253. voyage, 254. biology

255. pe____ve light *v.* to become aware or conscious of something through the senses
256. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
257. in samba rh____m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
258. p__r group *n.* a person who has the same age, status, or ability
259. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
260. xy__m vessels *n.* the tissue in plants that conducts water and dissolved nutrients from the roots upward through the stem and into the leaves
261. emotionally en____le *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
262. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
263. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 255. perceive, 256. biology, 257. rhythm, 258. peer, 259. oxide, 260. xylem, 261. entangle, 262. rev, 263. rev

264. p__e away for him *n.* a coniferous tree of the Pinaceae family, having needles and cones and characterized by its tall and slender shape; (verb) to have a desire for something or someone who is not present
265. nu_____e love *v.* to take care of, feed, and protect someone or something while they are growing and developing
266. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
267. a giant se_____a *n.* a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood
268. ins_____ion fee *n.* the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
269. 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
270. aerobic or_____sm *n.* a tiny living thing
271. rec_____ty exchange *n.* a mutual exchange of help and advantages; privileges granted in return for similar privileges
272. a un____e teacher *adj.* being the only one of its kind; unlike anything else

ANSWERS: 264. pine, 265. nurture, 266. separate, 267. sequoia, 268. installation, 269. planet, 270. organism, 271. reciprocity, 272. unique

273. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
274. the ground be_____h my feet *adv.* in or to a lower place than someone or something
275. col_____ve ownership *adj.* done or shared by every member of a group of people
276. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
277. ma_____l powers *adj.* produced by or containing supernatural powers
278. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
279. em_____ng technologies *adj.* starting to exist, mature, or become well-known
280. mat_____ze a cease-fire *v.* to become actual or real; to take physical form or shape; to appear or come into existence in a tangible way
281. f_e calculation *n.* a sum of money charged for a particular service
282. bowel fl__a *n.* all the plants in a particular region or time, typically regarded as a whole
283. pri_____al gas *adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
284. m__s garden *n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks

ANSWERS: 273. intelligent, 274. beneath, 275. collective, 276. engineer, 277. magical, 278. scan, 279. emerging, 280. materialize, 281. fee, 282. flora, 283. primordial, 284. moss

285. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
286. pio_____ng spirit *adj.* involving new ideas or methods; being the first of their kind; leading the way in a particular field
287. par_____te in the program *v.* to take part in something
288. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
289. 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
290. en_____er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
291. li____n fungus *n.* a composite organism consisting of a symbiotic relationship between a fungus and an alga or cyanobacterium
292. di____r according to species *v.* to be not like someone or something in some way
293. ph____n energy *n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
294. 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: 285. capture, 286. pioneering, 287. participate, 288. eventually, 289. oxygen, 290. encounter, 291. lichen, 292. differ, 293. photon, 294. tube

295. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
296. deep pu___e *adj.* of a color intermediate between red and blue
297. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
298. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
299. ph___m tissue *n.* the tissue in plants that conducts sugars and other metabolic products downward from the leaves
300. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
301. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
302. universal es_____e *n.* the basic or most important part or quality of something that makes it what it is
303. mat_____ze in the dimness *v.* to become actual or real; to take physical form or shape; to appear or come into existence in a tangible way
304. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something

ANSWERS: 295. perception, 296. purple, 297. scan, 298. capture, 299. phloem, 300. lung, 301. swirl, 302. essence, 303. materialize, 304. creative

305. a momentary gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
306. he_____at abnormality *n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
307. a child with se_____y issues *adj.* of or relating to the physical senses
308. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
309. 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
310. in___e the smoke *v.* to breathe in air or a different substance, such as smoke
311. learn new co_____ts *n.* an idea or principle associated with something abstract
312. protection against vi_____on *n.* a continuous quick and slight shaking movement
313. pe_____ve a threat *v.* to become aware or conscious of something through the senses
314. harmonic re_____ce *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

ANSWERS: 305. glimpse, 306. heartbeat, 307. sensory, 308. ancient, 309. tube, 310. inhale, 311. concept, 312. vibration, 313. perceive, 314. resonance

315. ph___n emission *n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation
316. va_____ar disease *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
317. l___g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
318. em___k on a foolish adventure *v.* to go on board a ship or plane; to set out on an enterprise or subject of study; to start something
319. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
320. th___d a catheter *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 315. photon, 316. vascular, 317. lung, 318. embark, 319. perception, 320. thread

321. me_____ze a subject *v.* to captivate or fascinate; to hold the complete attention of
322. ha___c perception *adj.* of or relating to or involving the sense of touch
323. v__t desert *adj.* enormous in size, number, amount, or quantity
324. a joy to be___d *v.* to look at and observe with attention
325. 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
326. combined ox___e *n.* a chemical compound that contains at least one oxygen atom and one other element
327. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
328. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
329. in a_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
330. as___d the ladder *v.* to go or move upward; to become king or queen; to inherit something, such as a power
331. in_____te relationship *adj.* having a very close friendship, personal
332. the tr__k of the tree *n.* the main stem or body of a tree which its branches grow

ANSWERS: 321. mesmerize, 322. haptic, 323. vast, 324. behold, 325. pump, 326. oxide, 327. inspire, 328. extraordinary, 329. awe, 330. ascend, 331. intimate, 332. trunk

333. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
334. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
335. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree
336. su_____n a good relationship with him *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
337. an in_____le asset *adj.* impossible or nearly impossible to see
338. parched s___l *n.* the top layer of Earth in which plants grow
339. und_____re an important fact *v.* to give extra weight to communication; to draw a line or lines under a word, sentence, etc., to call attention to it
340. colorful ta_____ry *n.* a piece of fabric or cloth that is woven with intricate designs or scenes, often depicting historical or mythological events; a complex or intricate story, idea, or situation
341. un___l the sails *v.* to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed
342. irregular heart rh___m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

ANSWERS: 333. separate, 334. respiration, 335. intelligent, 336. sustain, 337. invisible, 338. soil, 339. underscore, 340. tapestry, 341. unfurl, 342. rhythm

343. in_____e him to write a novel

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

344. express my app_____ion

n. the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time

ANSWERS: 343. inspire, 344. appreciation

Session 3: Fill in the Blanks

1. 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

2. The animal was _____ in a small cage.
v. to restrict the movement of someone or something

3. The _____ plants need to be pollinated by local insects.
adj. someone or something that is native to or occurring naturally in a particular place

4. He narrated the _____ story of his adventure.
adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

5. The plane began to _____ into the sky.
v. to go or move upward; to become king or queen; to inherit something, such as a power

6. The hiker put his map and compass in the _____ pocket for easy access.
n. a sleeveless garment that is usually worn over a shirt and serves either as a protective layer or as an article of clothing for extra warmth; (verb) to give or confer a right, power, or authority

7. The Queen attested the _____ of state ministers to their portfolios.
n. the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

ANSWERS: 1. discovery, 2. confined, 3. indigenous, 4. extraordinary, 5. ascend, 6. vest, 7. installation

8. The _____ sound of the drums was mesmerizing.

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

9. Her sudden _____ of her mistake caused her great regret.

n. the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

10. The diplomatic rivalry between the two countries has strengthened the _____ of their intra-regional supply chains for their manufacturing industries.

n. the fact or state of depending on each other

11. After a long period of estrangement, they _____ with each other.

v. to connect again after a break or interruption

12. Human _____ responses vary widely depending on the society to which they belong.

adj. relating to people's feelings

13. That incident _____ the vulnerability of the national defense system.

v. to give extra weight to communication; to draw a line or lines under a word, sentence, etc., to call attention to it

14. I was sweating at every _____.

n. a tiny hole in the skin of people or other animals that sweat can pass through; (verb) to read carefully or study attentively

15. I'm prepared to _____ challenges throughout this adventure.

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 8. rhythmic, 9. realization, 10. interdependence, 11. reconnected, 12. emotional, 13. underscored, 14. pore, 15. encounter

16. The majority of students actively _____ in the college's intramural sports program.
- v. to take part in something
17. 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
18. A stagnant water area are breeding ground for _____.
- n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
19. 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
20. We _____ on a new project.
- v. to go on board a ship or plane; to set out on an enterprise or subject of study; to start something
21. She struggled to _____ the children's reading habits.
- v. to supply enough of what somebody or something needs to survive or exist; to accept as valid
22. This shirt will _____ in the wash.
- v. to become smaller, or to make something smaller in size or amount
23. _____ displaced part of the mechanism.
- n. a continuous quick and slight shaking movement

ANSWERS: 16. participated, 17. breath, 18. mosquitos, 19. planet, 20. embarked, 21. sustain, 22. shrink, 23. Vibration

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

adj. of or relating to or resulting from industry

25. Internet traffic volumes have increased significantly with the advent of _____.

n. a mobile phone that functions as a computer and connects to the Internet

26. The _____ concert was packed with fans.

adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

27. I stopped by the branch though I have no business of _____.

n. the quality of being important and worthy of note

28. The summer _____ was refreshing after the hot day.

n. a gentle wind that is not very strong or forceful, typically cool and refreshing

29. The painting is _____ and there is no other like it.

adj. being the only one of its kind; unlike anything else

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

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

31. The lawyer's _____ for the case was \$10,000.

n. a sum of money charged for a particular service

32. The jury must _____ a decision on this complex case.

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

ANSWERS: 24. Industrial, 25. smartphones, 26. standing, 27. importance, 28. breeze, 29. unique, 30. ancient, 31. fee, 32. render

33. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow
34. The player controls the game with a joystick or other _____ device.
adj. of or relating to or involving the sense of touch
35. 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
36. I recently _____ dropping out of school and getting a full-time job.
v. to think about a possible future action or to think about something for a long time thoughtfully
37. New York is a city with a _____ ethnic population.
adj. including numerous categories of individuals or entities; various
38. 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
39. The artist received a lot of _____ for his latest work.
n. the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time
40. _____ grows in damp, shaded areas and is often found on the forest floor.
n. a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
41. The ship dropped _____ in the bay.
n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

ANSWERS: 33. Soil, 34. haptic, 35. carbon, 36. contemplated, 37. diverse, 38. humming, 39. appreciation, 40. Moss, 41. anchor

42. The blood's red coloring comes from iron _____.
- n.* a chemical compound that contains at least one oxygen atom and one other element
43. Her family drama _____ her in a web of lies and deceit.
- v.* to entangle or involve someone or something in a complicated or difficult situation; to catch or trap as if in a net or mesh; to become entangled or caught up in something
44. Let's _____ the origins of some familiar foreign words.
- v.* to find or discover someone or something that was lost
45. The _____ mountains dominate the landscape.
- n.* a feeling of respect and wonder inspired by someone or something greatly admired
46. The phenomenon is _____ at optical wavelengths.
- adj.* impossible or nearly impossible to see
47. 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
48. The fire quickly _____ the entire building.
- v.* to swallow up; to surround and cover completely
49. The _____ of time travel has long fascinated scientists and fiction writers alike.
- n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

ANSWERS: 42. oxide, 43. enmeshed, 44. trace, 45. awe-inspiring, 46. invisible, 47. nation, 48. engulfed, 49. notion

50. The detective followed a _____ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
51. The painting's _____ composition and balance of colors made it a masterpiece.
- adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
52. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
53. The _____ on the old tree bark was thick and lush, a sign of a healthy ecosystem.
- n.* a composite organism consisting of a symbiotic relationship between a fungus and an alga or cyanobacterium
54. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
55. Infrared cameras detect _____ in the infrared range of the electromagnetic spectrum.
- n.* a unit or quantum of electromagnetic energy, typically regarded as a particle that is the basic constituent of all light and other forms of electromagnetic radiation

ANSWERS: 50. thread, 51. harmonious, 52. eventually, 53. lichen, 54. rev, 55. photons

56. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
57. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something
58. His angry expression was not a pleasant sight to _____.
v. to look at and observe with attention
59. Sharks have highly developed _____ systems and are extremely sensitive creatures.
adj. of or relating to the physical senses
60. The music _____ cultural barriers and reached audiences globally.
v. to rise above or go beyond the limits of something
61. The vines of the plant _____ themselves around the trellis.
v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
62. This device displayed the speech _____ spectrographically.
n. an ordered array of colors into which a light beam can be split
63. Product development is a _____ effort.
adj. done or shared by every member of a group of people
64. The doctor carefully monitored the patient's _____ during the surgery.
n. the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide

ANSWERS: 56. complexity, 57. creative, 58. behold, 59. sensory, 60. transcended, 61. entangled, 62. spectrum, 63. collective, 64. respiration

65. He has an _____ knowledge of American history.

adj. having a very close friendship, personal

66. 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

67. He called for a careful _____ of the consequences.

n. the activity of searching and finding out about something through a place

68. Certain types of _____ can be toxic to humans, causing severe illness if ingested.

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

69. The _____ of the city was a symphony of car horns and chatter.

n. the overall sound environment of a particular area or place

70. The royal _____ celebrated the harvest, and the community enjoyed it.

n. a large meal, typically one served on a special occasion

71. They are building an _____ to the house to add more bedrooms.

n. a thing that is added to something to make it longer, larger, or wider; an educational opportunity provided by colleges and universities to people who are not enrolled as regular students; an additional telephone set that is connected to the same telephone line

ANSWERS: 65. intimate, 66. develop, 67. exploration, 68. fungus, 69. soundscape, 70. feast, 71. extension

72. A _____ audience viewed the broadcast.

adj. enormous in size, number, amount, or quantity

73. He wandered the _____ between life and death by gunfire.

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

74. 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

75. The expected profits from their new venture did not _____ as predicted.

v. to become actual or real; to take physical form or shape; to appear or come into existence in a tangible way

76. The old building had to be _____ because it was structurally unsound.

v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

77. The magician's performance _____ the audience.

v. to captivate or fascinate; to hold the complete attention of

78. The astronaut trained for years before embarking on her _____ to the International Space Station.

n. a long journey, especially by sea or in space

79. His _____ showed highly positive results.

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

ANSWERS: 72. vast, 73. boundary, 74. trunk, 75. materialize, 76. dismantled, 77. mesmerized, 78. voyage, 79. experiments

80. I had to _____ intense physical pain during the marathon to cross the finish line.
- v.* to undergo or bear something difficult, unpleasant, or challenging over a period of time; to persist or continue despite hardships or adversity
81. Schools should _____ children's mutual interest spirit.
- v.* to take care of, feed, and protect someone or something while they are growing and developing
82. The _____ of the tree had fallen and blocked the road.
- n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
83. The singer's voice filled the auditorium with beautiful _____.
- n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
84. They had formed a friendship _____.
- n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
85. I claim on my _____ that it is true.
- n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
86. The snowy ____ is a large, white bird often seen in the Arctic.
- n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

ANSWERS: 80. endure, 81. nurture, 82. branch, 83. resonance, 84. bond, 85. honor, 86. owl

87. _____ technologies have dramatically improved productivity in various industries.

adj. starting to exist, mature, or become well-known

88. 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

89. The doctor detected a blockage in the patient's _____ system.

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

90. By remaining neutral, this _____ continued to exist.

n. the country ruled by a king or queen

91. A fish's _____ differs from a bird's because they are adapted to different environments.

n. the environmental or perceptual world that an organism or individual experiences, particularly concerning the human experience of reality as shaped by cultural, psychological, and physiological factors

92. The camera's focus was off, and the image was a _____ of colors and shapes.

n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

93. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

94. The chef expertly _____ the sauce onto the plate.

v. to move in a circular or spiral pattern

ANSWERS: 87. Emerging, 88. capture, 89. vascular, 90. kingdom, 91. umwelt, 92. blur, 93. relations, 94. swirled

95. The _____ between businesses and universities created this groundbreaking product.
- n.* the act or situation of working together with someone towards a shared purpose, benefit, etc.
96. The _____ in trees gives them strength and allows them to transport water and nutrients.
- n.* the tissue in plants that conducts water and dissolved nutrients from the roots upward through the stem and into the leaves
97. On three sides, mountains _____ the settlement.
- v.* to be all around something or somebody
98. The mysteries of the universe are often considered _____.
- adj.* impossible to know or comprehend; beyond the limits of human understanding
99. My home is easily _____ from the shore.
- adj.* capable of being seen; or open to easy view
100. She roasted _____ over the campfire.
- n.* a spongy confection made from sugar, corn syrup, and gelatin, often flavored with vanilla and molded into shapes or used as a topping or decoration for desserts
101. Our team caught a _____ of the world-class technique in this game.
- n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
102. The community greatly respected and sought after the older adult's _____.
- n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

ANSWERS: 95. cooperation, 96. xylem, 97. surround, 98. unknowable, 99. visible, 100. marshmallows, 101. glimpse, 102. wisdom

103. The company made a _____ into the Chinese market.

n. a sudden or brief attack or incursion; a venture into something unfamiliar or challenging

104. The new strategy will _____ the profitability of our company.

v. to increase or improve the quality, amount, or strength of someone or something

105. A great stretch of the lake lay _____ them.

adv. in or to a lower place than someone or something

106. 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

107. The _____ of the mushroom spread through the soil, absorbing nutrients.

n. the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

108. The flag slowly _____ in the wind atop the flagpole.

v. to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

109. The strict deadlines will _____ the team to work efficiently.

v. to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

110. The structure is _____ of three main components.

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

ANSWERS: 103. foray, 104. enhance, 105. beneath, 106. dragonfly, 107. mycelium, 108. unfurled, 109. compel, 110. composed

111. New York is the commercial _____ of America.

n. the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

112. _____ robots that can cooperate with humans have limited motor output for safety.

adj. having the capacity for thought and reason, especially to a high degree

113. The _____ appearance of the building was impressive, but the inside was in dire need of repairs.

adj. relating to the external appearance or surface of something; visible

114. The plant has a stunning _____ blossom.

adj. of a color intermediate between red and blue

115. I love listening to the cheerful song of the _____ in my garden.

n. a small bird from the thrush family, typically having a red breast and found across Europe, Asia, and North America

116. The Amazon rainforest is home to a diverse _____ of plant species.

n. all the plants in a particular region or time, typically regarded as a whole

117. 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

118. One such rapidly growing _____ is quantum cryptography.

n. an idea or principle associated with something abstract

ANSWERS: 111. heartbeat, 112. Intelligent, 113. outward, 114. purple, 115. robin, 116. flora, 117. ecosystem, 118. concept

119. The partnership program requires a mutual _____ between both agencies.

n. the act or situation of working together to create or produce something

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

adj. produced by or containing supernatural powers

121. He _____ himself in his research.

v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

122. A diversified plant species generally enhances beneficial _____ populations.

n. a tiny living thing

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

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

124. The nightlife district was lit up with colorful _____ signs and bright lights.

n. a chemical element of atomic number 10 that is a gas with no smell or color, does not react with other chemicals, and shines with a bright light when electricity is passed through it

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

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

126. He beat out a jazz _____ on the cajones.

n. a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

ANSWERS: 119. collaboration, 120. magical, 121. immersed, 122. organism, 123. giant, 124. neon, 125. biology, 126. rhythm

127. He has produced _____ research on the subject.

adj. producing fresh findings; using novel techniques

128. Australia is widely _____ as having low levels of corruption.

v. to become aware or conscious of something through the senses

129. Researchers are exploring ways to harness _____ to develop innovative medical treatments and therapies.

n. the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials

130. 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

131. The _____ tree is known for its massive size and long lifespan.

n. a huge evergreen tree that is native to California and has a straight trunk and a narrow, conical crown, which is a type of redwood

132. The frequent performances of the _____ prove its popularity.

n. a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

133. The acupuncturist inserted _____ into specific points on my body to alleviate my pain.

n. a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

134. Little children tend to have _____ friends.

adj. existing only in someone's mind

ANSWERS: 127. groundbreaking, 128. perceived, 129. bioelectricity, 130. oxygen, 131. sequoia, 132. symphony, 133. needles, 134. imaginary

135. With the financial bubble bursting, the _____ of economic growth in investment banking collapsed.
- n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
136. The discovery of the _____ soup was a crucial step in understanding the origins of life on Earth.
- adj.* existing from the beginning of time or the start of a particular process; relating to the earliest stage of the universe
137. 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
138. University teaches the art of understanding the _____ of the matter.
- n.* the basic or most important part or quality of something that makes it what it is
139. She stood on the podium and _____ an audience.
- v.* to examine something hastily, with the eyes or with a machine, to get information
140. Among young people, _____ pressure can be pretty influential.
- n.* a person who has the same age, status, or ability
141. The _____ scientist developed a breakthrough technology that revolutionized the industry.
- adj.* involving new ideas or methods; being the first of their kind; leading the way in a particular field
142. The company's new products _____ the values of innovation and sustainability.
- v.* to represent or exemplify something; to give tangible form to an abstract idea

ANSWERS: 135. myth, 136. primordial, 137. tube, 138. essence, 139. scanned, 140. peer, 141. pioneering, 142. embody

143. He is a man admired for the depth of his _____.

- n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

144. The cardiac monitor displays the intensity of your _____.

- n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

145. He always _____ at the ill-treatment.

- v.* to say something very quietly; to complain about somebody or something under one's breath

146. The battle had an _____ impact on the nation.

- adj.* unlimited or very great; impossible to measure

147. Human behavior has _____ characteristics.

- adj.* forming an essential base or core from which everything else develops or is affected

148. The _____ on the wall depicted a medieval battle scene.

- n.* a piece of fabric or cloth that is woven with intricate designs or scenes, often depicting historical or mythological events; a complex or intricate story, idea, or situation

149. _____ the text from Italian into English.

- v.* to convert or change words into another language

150. The _____ transports the sugars produced in the leaves to other plant parts.

- n.* the tissue in plants that conducts sugars and other metabolic products downward from the leaves

ANSWERS: 143. perception, 144. pulse, 145. murmurs, 146. infinite, 147. fundamental, 148. tapestry, 149. Translate, 150. phloem

151. He has terminal _____ cancer.

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

152. The _____ of freshly baked bread filled the bakery.

n. a distinctive smell, especially a pleasant one

153. The unique style of this martial arts _____ many action film producers.

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

154. Their headquarters are in a _____ skyscraper.

adj. of or belonging to the present time or recent times

155. The company holds patents on core components of _____ jet printers.

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

156. Terrorists often attempt to _____ the economic impact of their acts of destruction.

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

157. The policy of _____ between the two countries allowed for visa-free travel.

n. a mutual exchange of help and advantages; privileges granted in return for similar privileges

158. They spent a lot of time trying to _____ the current situation.

v. to take hold of something or someone quickly and firmly

ANSWERS: 151. lung, 152. scent, 153. inspired, 154. modern, 155. laser, 156. magnify, 157. reciprocity, 158. grasp

159. The doctors said that her recovery was a _____.

- n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

160. The _____ will repair my telephone tomorrow morning.

- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

161. I _____ around for years in Europe before going to university.

- v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

162. 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

163. He _____ deeply, trying to calm down.

- v.* to breathe in air or a different substance, such as smoke

164. We ___ for an overseas expansion.

- v.* to try or plan to get or achieve something

165. The ___ trees in the forest gave off a fresh and invigorating scent.

- n.* a coniferous tree of the Pinaceae family, having needles and cones and characterized by its tall and slender shape; (verb) to have a desire for something or someone who is not present

166. He removed the _____ from the tree.

- n.* the hard outer layer of a tree; a sound made by dogs or some other animals

ANSWERS: 159. miracle, 160. engineer, 161. drifted, 162. exhale, 163. inhaled, 164. aim, 165. pine, 166. bark

167. 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

168. 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

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

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

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

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

171. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.

- adj.* extremely good; excellent

172. The forest's _____ provides shade and protection for the plants and animals below.

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

ANSWERS: 167. universe, 168. pump, 169. differed, 170. separate, 171. fantastic, 172. canopy