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Vocabulary Builder Reference from...

Melissa Garren: The sea we've hardly seen | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

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.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

marine

adj. relating to the sea and the creatures and plants that live there

synonym : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

overlook

v. to fail to notice something; to watch over someone; to provide a view from above

synonym : disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact
We cannot **overlook** an opportunity for great success.

perspective

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

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle
His father's death changed his whole **perspective** on life.

inhabitant

n. a person or an animal that lives in a particular place

synonym: dweller, occupant, resident

(1) the early **inhabitants** of Europe, (2) **inhabitant** tax
His family is the oldest **inhabitant** of the island.

microbe

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

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer
Microbes thrive on the surface of the human skin.

amazement

n. a state of great surprise or wonder caused by something extraordinary or unexpected

synonym: astonishment, wonder, surprise

(1) express **amazement**, (2) feeling of **amazement**
The magician's disappearing act left the audience in **amazement**.

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis
Inspectors noticed **microscopic** cracks in the submarine's hull.

creature

n. a living being, especially an animal

synonym: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

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.

neglect

v. to not give enough care or attention to something; to leave something undone

synonym: delinquency, carelessness, decay

(1) **neglect** to call, (2) **neglect** ethical issues

He **neglected** his health to make the project a success.

decision

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

synonym: choice, determination, judgment

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

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

policy

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

synonym: strategy, plan, guideline

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

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

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym : stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window
The youngster was **gazed** at by the beast.

vibrant

adj. full of energy, life, and enthusiasm

synonym : animated, dynamic, deep

(1) a city **vibrant** with life, (2) variety of **vibrant** colors
A **vibrant** private sector is crucial for economic growth.

bacteria

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

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**
Bacteria prevalent in hospitals are often resistant to antibiotics.

buzz

v. to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

synonym : hum, murmur, whisper

(1) the **buzz** of a cicada, (2) **buzz** marketing
I heard the **buzz** of conversation from the next room.

emphasize

v. to give or show particular importance to something

synonym : highlight, accentuate, stress

(1) **emphasize** her words, (2) **emphasize** a direct relationship
Use italics or capitals to **emphasize** a word in a piece of writing.

slide

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

synonym : glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance
If necessary, you can **slide** the front seats forward.

strand

n. a very thin natural or synthetic thread, wire, hair, etc.;
(verb) to leave or drive a vessel, fish, etc., aground or ashore

synonym: fiber, filament, string

(1) a **strand** of fine hair, (2) double- **strand** DNA

I heard several melodic **strands** simultaneously.

teaspoon

n. a small spoon used to stir or measure out small amounts of some ingredients, typically sugar, salt, or spices, in cooking or serving

(1) **teaspoon** measurement, (2) lick a **teaspoon**

You only need a **teaspoon** of salt to enhance the soup's flavor.

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

virus

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

synonym: bacterium, germ, ailment

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

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

scoop

n. a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

synonym: ladle, spoon, dipper

(1) a **scoop** of ice cream, (2) **scoop** of news

The company's marketing team worked hard to get the

scoop on what their target audience wanted.

gallon

n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters

(1) 5- **gallon** square can, (2) ten- **gallon** hat

The imperial **gallon** was standardized legally by the British Empire.

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.

stomach

n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

synonym: belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus

I have a **stomach** ache after overeating junk food.

accidentally

adv. by chance or without planning

synonym: by chance, unintentionally, unwittingly

(1) they met **accidentally**, (2) **accidentally** coincide

He was **accidentally** killed by friendly fire.

swallow

v. to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations

synonym: consume, gulp, inhale

(1) **swallow** a handful of pills, (2) a **swallow** tail

I **swallowed** my anger and kept quiet.

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.

quarter

n. one of four equal parts; a fourth part or portion

synonym : fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

kelp

n. a large brown seaweed that grows in cold coastal waters

synonym : seaweed, marine algae

(1) **kelp** forest, (2) giant **kelp**

The coast was lined with beds of **kelp** swaying in the tide.

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.

tip

n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

synonym : edge, advice, gratuity

(1) the **tip** of a paintbrush, (2) give the waiter a **tip** .

I will introduce some **tips** on learning English in this class.

abundant

adj. present in great quantity

synonym: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

powerhouse

n. an electrical generating station; a person, organization, or thing that is extremely successful or influential

synonym: center of power, fireball, human dynamo

(1) **powerhouse** actors, (2) **powerhouse** economy

The company has become a **powerhouse** in the tech industry with its innovative products and services.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

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**.

microbiology

n. the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment

(1) a specialist in **microbiology**, (2) **microbiology** laboratory

The field of **microbiology** includes the study of bacteria, fungi, viruses, and other microorganisms.

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym: bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

astound

v. to surprise or shock someone with wonder very much

synonym: amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

critic

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

synonym: pundit, analyst, attacker

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

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

parallel

adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

synonym: aligned, side-by-side, similar

(1) a **parallel** case, (2) **parallel** processing

He walked a road **parallel** to the railroad.

gut

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

synonym: belly, abdomen, courage

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

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

wrath

n. extreme anger

synonym: fury, irritation, anger

(1) **wrath** of God, (2) a high person's **wrath**

He finally exploded with **wrath** due to the team's repeated failures.

poisonous

adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

synonym: toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to humans if bitten.

tainted

adj. spoiled or contaminated, usually with something harmful; damaged in quality or taste

synonym: spoiled, contaminated, infected

(1) **tainted** soil, (2) **tainted** reputation

The meat had to be thrown out because it was **tainted** with bacteria.

discomfort

n. a feeling of being uncomfortable physically or mentally or being embarrassed; a slight pain

synonym: affliction, despair, ache

(1) endure **discomfort** and pain, (2) **discomfort** in the abdomen

He felt no **discomfort** as the dentist drilled his deadened tooth.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

cholera

n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

synonym: infectious disease, epidemic, plague

(1) **cholera** toxin, (2) **cholera** epidemic

The outbreak of **cholera** was a major health crisis in the 19th century.

thrive

v. to grow vigorously; to make steady progress

synonym: bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

balance

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

synonym: equilibrium, counterpoise, remainder

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

balance sheet

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

phrase

n. a group of words that mean something specific when used together

synonym : expression, idiom, term

(1) ready-made **phrases**, (2) noun **phrase**

We bought a Spanish **phrase** book.

overfeed

v. to feed someone or something excessively or more than necessary, especially about food or nutrition

synonym : overstuff, gorge, overindulge

(1) **overfeed** a baby, (2) **overfeed** an animal

If you consistently **overfeed** your fish, the water quality in the tank can deteriorate rapidly.

reef

n. a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym : extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

dive

v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

synonym : dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff

The sperm whale can **dive** to 1,000 meters.

buddy

n. a close friend; a partner, especially one of a pair or team

synonym : mate, peer, associate

(1) my golf **buddy**, (2) **buddy** movie
He was the first **buddy** in the military training camp.

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.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**
I used an optical **microscope** to observe the small organisms in the water sample.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code
This device can more accurately detect **viral** pathogens.

imbalance

n. a situation in which two or more things are not equal or equally treated

synonym: inequality, asymmetry, instability

(1) trade **imbalance**, (2) symptoms of hormonal **imbalance**
An **imbalance** in certain substances causes problems with brain function.

aquaculture

n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

synonym: fish farming, mariculture, hydroponics

(1) **aquaculture** industry, (2) sustainable **aquaculture**
Fish farming is a form of **aquaculture** that has recently gained popularity.

- sew** v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle
synonym : stitch, darn, tailor
(1) **sew** with thread, (2) **sew** a button
My mother taught me how to **sew**.
- spill** v. to cause or allow liquid to run or flow over the edge of its container by accident
synonym : slop, drop, scatter
(1) **spill** a bit of wine, (2) **spill** my heart
He was determined to **spill** everything.
- fertilizer** n. a natural or chemical substance added to soil to make plants grow more successfully
synonym : manure
(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**
Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.
- runoff** n. the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
synonym : drainage, overspill, overflow
(1) agricultural **runoff**, (2) primary **runoff** election
Industrial **runoff** and wind-blown debris are prime examples of pollution.
- whack** v. to hit someone or something hard or noisily
synonym : hit, strike, bash
(1) **whack** him with a stick, (2) **whack** up the volume
He **whacked** the ball out of the park with his home run.
- pathogen** n. a bacterium, virus, or other microorganism that causes disease
synonym : germ, microbe, bacterium
(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

toxin

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym: poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

large-scale

adj. involving many people or things and involving a lot of change or activity

synonym: big, massive, grand

(1) **large-scale** project, (2) **large-scale** agriculture

The company is planning to make a **large-scale** expansion of its factory.

incredibly

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

synonym: enormously, exceptionally, extraordinarily

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

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

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

physician

n. a medical doctor who practices medicine

synonym: doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**
She visited the local **physician** to seek treatment for her persistent headache.

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.

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.

chemistry

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

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

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

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

bud

n. a small swelling on a plant stem or twig containing an undeveloped shoot

synonym: shoot, sprout, germ

(1) pinch off a **bud**, (2) **bud** grafting

The flower was starting to show its **bud** and would soon bloom into a beautiful blossom.

numerous

adj. amounting to a large indefinite number

synonym: many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand
These descriptions are based on a number of **numerous** assumptions.

interaction

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

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,
(2) **interaction** among human beings

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

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

coral

n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

(1) **coral** island, (2) **coral** ornament

She is wearing a **coral** necklace.

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.

dimension

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

synonym: extent, measurement, size

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

Overall **dimensions** are approximately 400x200mm.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

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

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

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.

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.

focal

adj. relating to an important or central point or area; sharp or precise in focus or detail

synonym : central, main, primary

(1) **focal** neurological deficit, (2) **focal** length

The photographer adjusted the camera to focus on the image's **focal** point.

symbiotic

adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

sunlight

n. the light emitted by the sun; the rays of the sun

synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

dot

n. a very small circular mark, especially one that is printed

synonym: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

analyze

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

synonym: explore, examine, investigate

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

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

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

highlight

v. to make something prominent, mainly so that people give it more attention

synonym: feature, emphasize, stress

(1) **highlight** a string in red, (2) **highlight** an important difference

The introduction **highlighted** the speaker's distinguished career as a consultant

mucus

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

synonym : secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

snorkel

n. a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water

synonym : tube, breather

(1) **snorkel** gear, (2) scuba **snorkel**

The **snorkel** rental shop provided us with a map of the nearby snorkel sites.

globe

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

synonym : Earth, world, sphere

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

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

alarming

adj. causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

synonym : forbidding, concerning, disturbing

(1) **alarming** news, (2) **alarming** statistics

The sudden rise in crime rates in our neighborhood is quite **alarming**.

microscopy

n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs

synonym : microanalysis, magnification

(1) clinical **microscopy**, (2) electron **microscopy**

The scientist used a **microscopy** technique to study the cells at a microscopic level.

prime

adj. main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

synonym: excellent, exceptional, premium

(1) **prime** number, (2) deputy **prime** minister

After a thorough investigation, she has been named as the **prime** suspect.

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.

micro

n. extremely small in scale or scope; one millionth

(1) **micro** bubble, (2) **micro** force sensor

This approach employs both **micro** and macro analysis methods.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

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

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

ecologist

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

synonym: conservationist, naturalist

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

The forestry **ecologist** studied the interactions between the

different species in the forest's ecosystem.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

binocular

n. (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes

synonym: field glasses, opera glasses, spyglasses

(1) **binoculars** for birdwatching, (2) powerful **binoculars**

The stargazing enthusiasts used their high-powered **binoculars** to study the constellations in the night sky.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

desperately

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

synonym: urgently, perilously, seriously

(1) **desperately** anxious, (2) **desperately** ill patient

The baby clung **desperately** to her mother.

breakthrough

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym : advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

observation

n. the act or activity of carefully examining or monitoring something or someone

synonym : watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

cutting-edge

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

synonym : state-of-the-art, innovative, advanced

(1) **cutting-edge** molecular biology, (2) **cutting-edge** design

The **cutting-edge** technology was revolutionary in its field.

unseen

adj. not seen or noticed; not perceived

synonym : invisible, hidden, undercover

(1) **unseen** danger, (2) an **unseen** force

The consequences of the pandemic remain **unseen** as scientists continue to research the virus.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym : atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

fluid

n. a substance that can flow and is not solid

synonym: liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets

She was diagnosed with a **fluid** buildup in her lungs.

fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

technique

n. a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

recreate

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

synonym: renovate, vivify, revive

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

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

mimic

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

synonym: mirror, imitate, ape

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

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

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym : association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

lens

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

synonym : glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

underneath

adv. under or below something else

synonym : below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

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.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

sniff

v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a

quick, audible intake of breath

synonym : smell, inhale, scent

(1) **sniff** the air, (2) **sniff** the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

hunt

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

synonym : chase, pursuit, quest

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

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

detect

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

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

adapt

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

synonym : adjust, acclimate, accustom

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

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

victim

n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

synonym : prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

microchannel

n. a small, narrow duct or passage that is used to transfer fluids, heat, or other substances and which is typically found in microfluidic devices or industrial applications

synonym : microcapillary, microduct

(1) **microchannel** technology, (2) **microchannel** electrode
The **microchannels** within the chip module are responsible for cooling the device during operation.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym: guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document
Our knowledge helps **navigate** our clients successfully.

dilute

v. to make a substance less concentrated by adding a liquid or another substance to it

synonym: weaken, thin, reduce

(1) **dilute** acid with water, (2) **dilute** a great idea
She **diluted** the concentrated juice with water.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

trigger

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

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation
The incident **triggered** a political controversy.

Session 2: Spelling

- | | |
|---------------------------------------|--|
| 1. the per_____ve of the battle | <i>n.</i> a confident attitude toward something; a particular style of thinking about something |
| 2. re_____on between cause and effect | <i>n.</i> the way two persons or groups of people feel and act toward one another |
| 3. al__e biofuel | <i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots |
| 4. a capillary t__e | <i>n.</i> a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape |
| 5. a gas ch_____r | <i>n.</i> a large room used for a formal, public, or particular purpose; one of the parts of a parliament |
| 6. express am_____nt | <i>n.</i> a state of great surprise or wonder caused by something extraordinary or unexpected |
| 7. mi__o bubble | <i>n.</i> extremely small in scale or scope; one millionth |
| 8. beauty s__t | <i>n.</i> a particular location or place; a small round or roundish area, differing in color or feels from the surface around it |
| 9. a convex l__s | <i>n.</i> a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation |

ANSWERS: 1. perspective, 2. relation, 3. algae, 4. tube, 5. chamber, 6. amazement, 7. micro, 8. spot, 9. lens

10. hi_____ht an important difference *v.* to make something prominent, mainly so that people give it more attention
11. vi___m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
12. sy_____ic economy *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
13. in_____e heat *adj.* (especially of a feeling) very strong; extremely sharp or severe
14. sp___l a bit of wine *v.* to cause or allow liquid to run or flow over the edge of its container by accident
15. inh_____nt tax *n.* a person or an animal that lives in a particular place
16. 5-ga___n square can *n.* a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
17. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
18. variety of vi_____t colors *adj.* full of energy, life, and enthusiasm
19. a stone wall su_____nds the palace *v.* to be all around something or somebody
20. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 10. highlight, 11. victim, 12. symbiotic, 13. intense, 14. spill, 15. inhabitant, 16. gallon, 17. detect, 18. vibrant, 19. surround, 20. communal

21. b_d grafting *n.* a small swelling on a plant stem or twig containing an undeveloped shoot
22. as nu____us as the sand *adj.* amounting to a large indefinite number
23. dis_____rt in the abdomen *n.* a feeling of being uncomfortable physically or mentally or being embarrassed; a slight pain
24. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
25. 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
26. sn__f the perfume *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
27. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
28. the lower ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
29. noun ph___e *n.* a group of words that mean something specific when used together
30. a sc__p of ice cream *n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

ANSWERS: 21. bud, 22. numerous, 23. discomfort, 24. dimension, 25. tube, 26. sniff, 27. tissue, 28. chamber, 29. phrase, 30. scoop

31. for spe_____lly American customers
adv. only associated with or meant for one thing
32. ov_____ed a baby
v. to feed someone or something excessively or more than necessary, especially about food or nutrition
33. the advice of the ph_____an
n. a medical doctor who practices medicine
34. a glare of su_____ht
n. the light emitted by the sun; the rays of the sun
35. mi__c a human voice
v. to imitate someone's speech, movement, or behavior, especially to make others laugh
36. obs_____on instrument
n. the act or activity of carefully examining or monitoring something or someone
37. professor of ch_____ry
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions
38. scuba sn_____l
n. a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water
39. the pa_____en in the air
n. a bacterium, virus, or other microorganism that causes disease
40. copyrighted so_____re
n. a set of computer programs and associated documentation and data for doing particular computational jobs
41. ch_____a toxin
n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

ANSWERS: 31. specifically, 32. overfeed, 33. physician, 34. sunlight, 35. mimic, 36. observation, 37. chemistry, 38. snorkel, 39. pathogen, 40. software, 41. cholera

42. 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
43. des_____ly ill patient *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
44. po_____us plants *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
45. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
46. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
47. ov_____ed an animal *v.* to feed someone or something excessively or more than necessary, especially about food or nutrition
48. loss of muscle ti_____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
49. d__e off a cliff *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
50. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 42. immerse, 43. desperately, 44. poisonous, 45. navigate, 46. grab, 47. overfeed, 48. tissue, 49. dive, 50. decision

51. g_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
52. bu__y movie *n.* a close friend; a partner, especially one of a pair or team
53. the b__z of a cicada *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
54. a sw_____w tail *v.* to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations
55. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
56. plenty of fl__ds *n.* a substance that can flow and is not solid
57. th___e on pressure *v.* to grow vigorously; to make steady progress
58. a high person's wr__h *n.* extreme anger
59. behavioral ec_____st *n.* a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior

ANSWERS: 51. gut, 52. buddy, 53. buzz, 54. swallow, 55. argue, 56. fluid, 57. thrive, 58. wrath, 59. ecologist

60. an____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
61. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
62. ta____d reputation *adj.* spoiled or contaminated, usually with something harmful; damaged in quality or taste
63. acc____lly coincide *adv.* by chance or without planning
64. a pa____el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
65. a city vi____t with life *adj.* full of energy, life, and enthusiasm
66. sn____l gear *n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water
67. mic____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
68. s_w with thread *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
69. a per____ve view *n.* a confident attitude toward something; a particular style of thinking about something
70. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 60. analyze, 61. globe, 62. tainted, 63. accidentally, 64. parallel, 65. vibrant, 66. snorkel, 67. microscopic, 68. sew, 69. perspective, 70. device

71. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
72. deputy pr__e minister *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
73. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
74. st_____h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
75. clinical mic_____py *n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
76. a st___d of fine hair *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
77. tr_____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
78. wh__k up the volume *v.* to hit someone or something hard or noisily
79. in_____ct directly with customers *v.* to communicate or react with somebody

ANSWERS: 71. scan, 72. prime, 73. consequence, 74. stomach, 75. microscopy, 76. strand, 77. trigger, 78. whack, 79. interact

80. co__l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
81. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
82. nasal mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
83. ca____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
84. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
85. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
86. 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
87. in direct su____ht *n.* the light emitted by the sun; the rays of the sun
88. number of different sc____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
89. airway mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

ANSWERS: 80. coral, 81. engineer, 82. mucus, 83. capture, 84. trigger, 85. environment, 86. immerse, 87. sunlight, 88. scenario, 89. mucus

90. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
91. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
92. vi___m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
93. ov_____ok a street *v.* to fail to notice something; to watch over someone; to provide a view from above
94. fo__l length *adj.* relating to an important or central point or area; sharp or precise in focus or detail
95. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
96. wh__k him with a stick *v.* to hit someone or something hard or noisily
97. pow_____se economy *n.* an electrical generating station; a person, organization, or thing that is extremely successful or influential
98. the blind g_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
99. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 90. consequence, 91. slide, 92. victim, 93. overlook, 94. focal, 95. hunt, 96. whack, 97. powerhouse, 98. gut, 99. argue

100. lar_____le agriculture *adj.* involving many people or things and involving a lot of change or activity
101. lar_____le project *adj.* involving many people or things and involving a lot of change or activity
102. bi_____ars for birdwatching *n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes
103. to__n production *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
104. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
105. end of the first qu_____r *n.* one of four equal parts; a fourth part or portion
106. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
107. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
108. fo__l neurological deficit *adj.* relating to an important or central point or area; sharp or precise in focus or detail

ANSWERS: 100. large-scale, 101. large-scale, 102. binocular, 103. toxin, 104. adapt, 105. quarter, 106. seawater, 107. communal, 108. focal

109. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
110. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
111. an ab_____nt supply of water *adj.* present in great quantity
112. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
113. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
114. live an ab_____nt life *adj.* present in great quantity
115. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
116. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
117. variety of ma_____e life *adj.* relating to the sea and the creatures and plants that live there
118. upset st_____h *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
119. bre_____ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 109. capture, 110. fertilizer, 111. abundant, 112. reef, 113. analyze, 114. abundant, 115. observe, 116. hunt, 117. marine, 118. stomach, 119. breakthrough

120. the t_p of a paintbrush *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
121. ta____d soil *adj.* spoiled or contaminated, usually with something harmful; damaged in quality or taste
122. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
123. sn__f the air *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
124. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
125. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
126. al____ng news *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
127. th___e in a society *v.* to grow vigorously; to make steady progress
128. aqu_____re industry *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

ANSWERS: 120. tip, 121. tainted, 122. disease, 123. sniff, 124. characteristic, 125. virus, 126. alarming, 127. thrive, 128. aquaculture

129. symptoms of hormonal im_____ce *n.* a situation in which two or more things are not equal or equally treated
130. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
131. und_____th the laughter *adv.* under or below something else
132. ex_____ng news *adj.* causing a lot of interest or excitement
133. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
134. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
135. po_____us chemicals *adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
136. a l__s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
137. forestry ec_____st *n.* a person who studies the relationships between living organisms and their environment; the state of being outside or directed toward or relating to the outside or exterior

ANSWERS: 129. imbalance, 130. critic, 131. underneath, 132. exciting, 133. bacteria, 134. software, 135. poisonous, 136. lens, 137. ecologist

138. mic_____ogy laboratory *n.* the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment
139. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
140. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
141. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
142. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
143. 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
144. ten-ga___n hat *n.* a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
145. hi_____ht a string in red *v.* to make something prominent, mainly so that people give it more attention
146. k__p forest *n.* a large brown seaweed that grows in cold coastal waters

ANSWERS: 138. microbiology, 139. relation, 140. device, 141. spot, 142. virus, 143. planet, 144. gallon, 145. highlight, 146. kelp

147. an un___n force *adj.* not seen or noticed; not perceived
148. lick a te___on *n.* a small spoon used to stir or measure out small amounts of some ingredients, typically sugar, salt, or spices, in cooking or serving
149. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
150. as____d the viewer *v.* to surprise or shock someone with wonder very much
151. 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
152. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
153. ex____e weather events *adj.* very great in amount or degree
154. sy____ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
155. asset on the company's ba____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
156. agricultural ru___f *n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
157. as____d everyone *v.* to surprise or shock someone with wonder very much

ANSWERS: 147. unseen, 148. teaspoon, 149. mimic, 150. astound, 151. laser, 152. adapt, 153. extreme, 154. symbiotic, 155. balance, 156. runoff, 157. astound

158. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
159. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
160. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
161. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
162. co__l ornament *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
163. double-st____d DNA *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
164. sc__p of news *n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
165. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 158. microscope, 159. navigate, 160. seawater, 161. photosynthesis, 162. coral, 163. strand, 164. scoop, 165. bacteria

166. em_____ze her words *v.* to give or show particular importance to something
167. the early inh_____nts of Europe *n.* a person or an animal that lives in a particular place
168. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
169. ov_____ok that fact *v.* to fail to notice something; to watch over someone; to provide a view from above
170. develop in_____e itching *adj.* (especially of a feeling) very strong; extremely sharp or severe
171. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
172. re_____te a single country *v.* to make something that existed previously happen or appear to exist again
173. the worst case sc_____io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
174. an in_____le asset *adj.* impossible or nearly impossible to see
175. electron mic_____py *n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
176. ex_____ng football player *adj.* causing a lot of interest or excitement
177. pa_____el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

ANSWERS: 166. emphasize, 167. inhabitant, 168. marine, 169. overlook, 170. intense, 171. environment, 172. recreate, 173. scenario, 174. invisible, 175. microscopy, 176. exciting, 177. parallel

178. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
179. feeling of am_____nt *n.* a state of great surprise or wonder caused by something extraordinary or unexpected
180. pr__e number *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
181. mi__o force sensor *n.* extremely small in scale or scope; one millionth
182. powerful bi_____ars *n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes
183. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
184. artificial cr_____re *n.* a living being, especially an animal
185. cut_____dge molecular biology *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

ANSWERS: 178. globe, 179. amazement, 180. prime, 181. micro, 182. binocular, 183. slide, 184. creature, 185. cutting-edge

186. ne_____t to call *v.* to not give enough care or attention to something; to leave something undone
187. wr__h of God *n.* extreme anger
188. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
189. in_____le stars *adj.* impossible or nearly impossible to see
190. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
191. 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
192. 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
193. cut_____dge design *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
194. 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
195. a qu_____r mile *n.* one of four equal parts; a fourth part or portion
196. they met acc_____lly *adv.* by chance or without planning
197. ready-made ph____es *n.* a group of words that mean something specific when used together

ANSWERS: 186. neglect, 187. wrath, 188. algae, 189. invisible, 190. visible, 191. discovery, 192. breath, 193. cutting-edge, 194. discovery, 195. quarter, 196. accidentally, 197. phrase

198. designed spe_____lly for men *adv.* only associated with or meant for one thing
199. fa_____te a chemical *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
200. mic_____nel electrode *n.* a small, narrow duct or passage that is used to transfer fluids, heat, or other substances and which is typically found in microfluidic devices or industrial applications
201. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
202. fl__d assets *n.* a substance that can flow and is not solid
203. in_____ct with one another *v.* to communicate or react with somebody
204. 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
205. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
206. pinch off a b_d *n.* a small swelling on a plant stem or twig containing an undeveloped shoot
207. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 198. specifically, 199. fabricate, 200. microchannel, 201. amazing, 202. fluid, 203. interact, 204. laser, 205. decision, 206. bud, 207. balance

208. give the waiter a t_p. *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
209. detect a vi__l code *adj.* relating to or caused by a virus
210. connecting the d_ts *n.* a very small circular mark, especially one that is printed
211. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
212. g__e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
213. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
214. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
215. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
216. d_t blot method *n.* a very small circular mark, especially one that is printed
217. b__z marketing *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

ANSWERS: 208. tip, 209. viral, 210. dot, 211. dimension, 212. gaze, 213. observe, 214. chemistry, 215. fertilizer, 216. dot, 217. buzz

218. primary ru___f election *n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
219. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
220. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
221. foreign po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
222. fa_____te an excuse *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
223. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
224. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
225. ne_____t ethical issues *v.* to not give enough care or attention to something; to leave something undone
226. to__n exposure *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

ANSWERS: 218. runoff, 219. scan, 220. amazing, 221. policy, 222. fabricate, 223. incredibly, 224. incredibly, 225. neglect, 226. toxin

227. 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
228. consult with a ph_____an *n.* a medical doctor who practices medicine
229. 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
230. 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
231. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
232. su_____nd a town *v.* to be all around something or somebody
233. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
234. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
235. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 227. breath, 228. physician, 229. planet, 230. oxygen, 231. characteristic, 232. surround, 233. photosynthesis, 234. microscope, 235. microbe

236. sp__l my heart *v.* to cause or allow liquid to run or flow over the edge of its container by accident
237. di___e acid with water *v.* to make a substance less concentrated by adding a liquid or another substance to it
238. ch_____a epidemic *n.* a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes
239. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
240. plant pa_____en *n.* a bacterium, virus, or other microorganism that causes disease
241. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
242. trade im_____ce *n.* a situation in which two or more things are not equal or equally treated
243. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is
244. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
245. nu_____us countries *adj.* amounting to a large indefinite number
246. my golf bu__y *n.* a close friend; a partner, especially one of a pair or team
247. pow_____se actors *n.* an electrical generating station; a person, organization, or thing that is extremely successful or influential

ANSWERS: 236. spill, 237. dilute, 238. cholera, 239. observation, 240. pathogen, 241. technique, 242. imbalance, 243. mere, 244. interaction, 245. numerous, 246. buddy, 247. powerhouse

248. 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
249. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
250. endure dis_____rt and pain *n.* a feeling of being uncomfortable physically or mentally or being embarrassed; a slight pain
251. und_____th the surface of the water *adv.* under or below something else
252. cr_____re of habit *n.* a living being, especially an animal
253. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
254. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
255. te_____on measurement *n.* a small spoon used to stir or measure out small amounts of some ingredients, typically sugar, salt, or spices, in cooking or serving
256. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
257. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
258. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle

ANSWERS: 248. oxygen, 249. microscopic, 250. discomfort, 251. underneath, 252. creature, 253. interaction, 254. microbe, 255. teaspoon, 256. detect, 257. technique, 258. sew

259. em_____ze a direct relationship *v.* to give or show particular importance to something
260. mic_____nel technology *n.* a small, narrow duct or passage that is used to transfer fluids, heat, or other substances and which is typically found in microfluidic devices or industrial applications
261. vi_____e stars *adj.* capable of being seen; or open to easy view
262. sustainable aqua_____re *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
263. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
264. d__e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
265. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
266. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
267. un___n danger *adj.* not seen or noticed; not perceived
268. bre_____ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 259. emphasize, 260. microchannel, 261. visible, 262. aquaculture, 263. mere, 264. dive, 265. grab, 266. disease, 267. unseen, 268. breakthrough

269. re____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again
270. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
271. sw____w a handful of pills *v.* to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations
272. des____ly anxious *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
273. di____e a great idea *v.* to make a substance less concentrated by adding a liquid or another substance to it
274. al____ng statistics *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
275. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
276. ex____e sports *adj.* very great in amount or degree
277. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
278. fight vi__l infections *adj.* relating to or caused by a virus
279. health po____y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

ANSWERS: 269. recreate, 270. engineer, 271. swallow, 272. desperately, 273. dilute, 274. alarming, 275. reef, 276. extreme, 277. critic, 278. viral, 279. policy

280. giant k__p *n.* a large brown seaweed that grows in cold coastal waters
281. g__e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
282. a specialist in mic_____ogy *n.* the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment

ANSWERS: 280. kelp, 281. gaze, 282. microbiology

Session 3: Fill in the Blanks

1. I used an optical _____ to observe the small organisms in the water sample.
 - n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

2. Some species of _____ can be deadly to humans if bitten.
 - adj.* containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

3. The _____ rental shop provided us with a map of the nearby snorkel sites.
 - n.* a tube-like device used for breathing underwater, with one end in the mouth and the other above the surface of the water

4. I heard the _____ of conversation from the next room.
 - v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

5. Radiation from _____ has a different wavelength.
 - n.* the light emitted by the sun; the rays of the sun

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

7. The _____ of the crime deserves justice and support to recover from the trauma.
 - n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

ANSWERS: 1. microscope, 2. poisonous snakes, 3. snorkel, 4. buzz, 5. sunlight, 6. Bacteria, 7. victim

8. These descriptions are based on a number of _____ assumptions.
adj. amounting to a large indefinite number
9. When the body temperature drops, _____ secretion fails.
n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
10. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
11. The _____ of the two groups is good for brainstorming.
n. the act of connecting with someone, mainly when working, playing, or spending time with them
12. The sperm whale can _____ to 1,000 meters.
v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
13. The president prepared several possible _____ for an enemy attack.
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work
14. She visited the local _____ to seek treatment for her persistent headache.
n. a medical doctor who practices medicine
15. That statement by the prime minister drew _____ international criticism.
adj. (especially of a feeling) very strong; extremely sharp or severe

ANSWERS: 8. numerous, 9. mucus, 10. pathogens, 11. interaction, 12. dive, 13. scenarios, 14. physician, 15. intense

16. The dog stopped to _____ around the tree, looking for something interesting.
- v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
17. The golfer recorded an _____ distance.
- adj. extremely surprising, especially in a way that you like or admire
18. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
- n. a natural or chemical substance added to soil to make plants grow more successfully
19. Bananas have their _____ taste and odor.
- n. a typical feature or quality that can identify, tell apart, or describe something or somebody
20. We bought a Spanish _____ book.
- n. a group of words that mean something specific when used together
21. The scientist used a _____ technique to study the cells at a microscopic level.
- n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
22. He should _____ more with his colleagues.
- v. to communicate or react with somebody
23. She _____ the concentrated juice with water.
- v. to make a substance less concentrated by adding a liquid or another substance to it

ANSWERS: 16. sniff, 17. amazing, 18. fertilizers, 19. characteristic, 20. phrase, 21. microscopy, 22. interact, 23. diluted

24. After a thorough investigation, she has been named as the _____ suspect.

adj. main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

25. This remote _____ is rarely visited.

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

26. The coast was lined with beds of _____ swaying in the tide.

n. a large brown seaweed that grows in cold coastal waters

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

adj. causing a lot of interest or excitement

28. He felt no _____ as the dentist drilled his deadened tooth.

n. a feeling of being uncomfortable physically or mentally or being embarrassed; a slight pain

29. The photographer adjusted the camera to focus on the image's _____ point.

adj. relating to an important or central point or area; sharp or precise in focus or detail

30. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.

n. one of four equal parts; a fourth part or portion

31. I was able to _____ the moment on film.

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

ANSWERS: 24. prime, 25. spot, 26. kelp, 27. exciting, 28. discomfort, 29. focal, 30. quarter, 31. capture

32. Industrial _____ and wind-blown debris are prime examples of pollution.
- n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
33. The wallpaper had a pattern of pink _____ on a white surface.
- n.* a very small circular mark, especially one that is printed
34. 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
35. The field of _____ includes the study of bacteria, fungi, viruses, and other microorganisms.
- n.* the study of microorganisms, including bacteria, viruses, fungi, and algae, and their role in various fields such as medicine, agriculture, and the environment
36. He told me a _____ truth about my parent's death.
- n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
37. He walked a road _____ to the railroad.
- adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
38. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
39. She stood on the podium and _____ an audience.
- v.* to examine something hastily, with the eyes or with a machine, to get information

ANSWERS: 32. runoff, 33. dots, 34. breath, 35. microbiology, 36. gut-wrenching, 37. parallel, 38. Communal, 39. scanned

40. Our knowledge helps _____ our clients successfully.

- v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map

41. The youngster was _____ at by the beast.

- v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

42. The penny fell _____ the piano.

- adv.* under or below something else

43. This approach employs both _____ and macro analysis methods.

- n.* extremely small in scale or scope; one millionth

44. You only need a _____ of salt to enhance the soup's flavor.

- n.* a small spoon used to stir or measure out small amounts of some ingredients, typically sugar, salt, or spices, in cooking or serving

45. My home is easily _____ from the shore.

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

46. Fish farming is a form of _____ that has recently gained popularity.

- n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

47. The stargazing enthusiasts used their high-powered _____ to study the constellations in the night sky.

- n.* (often used in plural form) a device or instrument designed for use with both eyes simultaneously, enabling a viewer to see objects in a three-dimensional perspective and with greater depth perception; (adjective) relating to or involving both eyes, especially when viewing through a device such as a pair of binoculars; involving or requiring the use of both eyes

ANSWERS: 40. navigate, 41. gazed, 42. underneath, 43. micro, 44. teaspoon, 45. visible, 46. aquaculture, 47. binoculars

48. He was _____ killed by friendly fire.

adv. by chance or without planning

49. The outbreak of _____ was a major health crisis in the 19th century.

n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

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

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

51. I heard several melodic _____ simultaneously.

n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore

52. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

53. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

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

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

55. In _____ plants use carbon dioxide to feed themselves.

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 48. accidentally, 49. cholera, 50. slide, 51. strands, 52. extreme, 53. invisible, 54. virus, 55. photosynthesis,

56. On three sides, mountains _____ the settlement.

v. to be all around something or somebody

57. The _____ within the chip module are responsible for cooling the device during operation.

n. a small, narrow duct or passage that is used to transfer fluids, heat, or other substances and which is typically found in microfluidic devices or industrial applications

58. We have a mutually _____ connection with them.

adj. involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

59. 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

60. I have a _____ ache after overeating junk food.

n. the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

61. 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

62. Seals and whales are _____ animals beloved by the people.

adj. relating to the sea and the creatures and plants that live there

63. Without investment, a business cannot _____.

v. to grow vigorously; to make steady progress

ANSWERS: 56. surround, 57. microchannels, 58. symbiotic, 59. planet, 60. stomach, 61. relations, 62. marine, 63. thrive

64. The imperial _____ was standardized legally by the British Empire.
- n.* a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
65. The magician's disappearing act left the audience in _____.
- n.* a state of great surprise or wonder caused by something extraordinary or unexpected
66. It is important to _____ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
67. My mother taught me how to _____.
- v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
68. She is wearing a _____ necklace.
- n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
69. A _____ private sector is crucial for economic growth.
- adj.* full of energy, life, and enthusiasm
70. Hounds _____ their prey by using their keen scent.
- v.* to go after and try to catch wild animals to kill them for food, sport, or profit
71. _____ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 64. gallon, 65. amazement, 66. observe, 67. sew, 68. coral, 69. vibrant, 70. hunt, 71. Microbes

72. 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

73. 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

74. The sudden rise in crime rates in our neighborhood is quite _____.

- adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

75. If you consistently _____ your fish, the water quality in the tank can deteriorate rapidly.

- v.* to feed someone or something excessively or more than necessary, especially about food or nutrition

76. The vessel ran aground on a _____.

- n.* a long chain or range of rocks or sand near the ocean's surface

77. The _____ will repair my telephone tomorrow morning.

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

78. The flower was starting to show its ____ and would soon bloom into a beautiful blossom.

- n.* a small swelling on a plant stem or twig containing an undeveloped shoot

79. The meat had to be thrown out because it was _____ with bacteria.

- adj.* spoiled or contaminated, usually with something harmful; damaged in quality or taste

ANSWERS: 72. immersed, 73. laser, 74. alarming, 75. overfeed, 76. reef, 77. engineer, 78. bud, 79. tainted

80. Overall _____ are approximately 400x200mm.

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

81. 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

82. 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

83. The forestry _____ studied the interactions between the different species in the forest's ecosystem.

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

84. Try to keep a _____ between work and off.

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

85. He was the first _____ in the military training camp.

n. a close friend; a partner, especially one of a pair or team

86. The doctor diagnosed him with a rare _____ that had no known cure.

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

87. Jockey's superior _____ brought him victory.

n. a particular way or art of doing something that needs skill

ANSWERS: 80. dimensions, 81. tube, 82. oxygen, 83. ecologist, 84. balance, 85. buddy, 86. disease, 87. technique

88. The final result was nothing short of _____.
- v.* to surprise or shock someone with wonder very much
89. The incident _____ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
90. Advocates for legal reform hear less harsh words from their _____.
- n.* someone who expresses opinions about the quality of books, music, etc.
91. The company's marketing team worked hard to get the _____ on what their target audience wanted.
- n.* a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
92. He was determined to _____ everything.
- v.* to cause or allow liquid to run or flow over the edge of its container by accident
93. His father's death changed his whole _____ on life.
- n.* a confident attitude toward something; a particular style of thinking about something
94. The surgeon made an incision in the _____ of the patient's heart.
- n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
95. He _____ the ball out of the park with his home run.
- v.* to hit someone or something hard or noisily

ANSWERS: 88. astounding, 89. triggered, 90. critics, 91. scoop, 92. spill, 93. perspective, 94. chambers, 95. whacked

96. A technique called deep learning has led to _____ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
97. Use italics or capitals to _____ a word in a piece of writing.
- v.* to give or show particular importance to something
98. Shall we _____ a bite to eat?
- v.* to take hold of something or someone suddenly with a hand, especially in a violent way
99. The company has become a _____ in the tech industry with its innovative products and services.
- n.* an electrical generating station; a person, organization, or thing that is extremely successful or influential
100. The company specializes in both hardware and _____.
- n.* a set of computer programs and associated documentation and data for doing particular computational jobs
101. The photographer took this photo using a telephoto _____.
- n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
102. The desalination plant turned _____ into drinking water through a complex process.
- n.* water from the sea or ocean, typically containing salt and various other dissolved minerals

ANSWERS: 96. breakthroughs, 97. emphasize, 98. grab, 99. powerhouse, 100. software, 101. lens, 102. seawater

103. The couple began to _____ over which restaurant to go to for dinner.
v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
104. The country has _____ oil and natural gas resources.
adj. present in great quantity
105. This device can more accurately detect _____ pathogens.
adj. relating to or caused by a virus
106. The detective discovered that the witness had _____ her story about the crime.
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
107. The baby clung _____ to her mother.
adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
108. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing
109. He finally exploded with _____ due to the team's repeated failures.
n. extreme anger
110. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 103. argue, 104. abundant, 105. viral, 106. fabricated, 107. desperately, 108. specifically, 109. wrath, 110. analyze

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

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

112. He _____ his health to make the project a success.

- v.* to not give enough care or attention to something; to leave something undone

113. The company is planning to make a _____ expansion of its factory.

- adj.* involving many people or things and involving a lot of change or activity

114. His final goal is to sail around the _____.

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

115. An _____ in certain substances causes problems with brain function.

- n.* a situation in which two or more things are not equal or equally treated

116. In the hospital, she will remain under constant _____.

- n.* the act or activity of carefully examining or monitoring something or someone

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

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

118. Several cities are experiencing _____ high unemployment rates.

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

ANSWERS: 111. policy, 112. neglected, 113. large-scale, 114. globe, 115. imbalance, 116. observation, 117. mimic, 118. incredibly

119. The security camera has _____ four intruders.

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

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

n. a substance that can flow and is not solid

121. I always carry a backup _____ in case my phone runs out of battery.

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

122. Every human is responsible for taking care of the Earth's _____.

n. the natural world such as air, water, and land in which humans, animals, and plants live

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

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

124. She _____ the atmosphere of the pre-war age with her stage setting.

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

125. _____ has jammed the inlet to the water turbine.

n. A simple plant that grows in or near water and lacks typical leaves and roots

126. These economic activities had disastrous environmental _____.

n. the outcome of a particular action or event, especially relative to an individual

127. The _____ technology was revolutionary in its field.

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

ANSWERS: 119. detected, 120. fluid, 121. device, 122. environment, 123. adapt, 124. recreated, 125. Algae, 126. consequences, 127. cutting-edge

128. She was struggling to make a _____ between two job offers.

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

129. He is familiar with _____ and biology.

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

130. 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

131. Mold exposure can release dangerous _____ into the air.

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

132. The consequences of the pandemic remain _____ as scientists continue to research the virus.

adj. not seen or noticed; not perceived

133. The deep sea _____ was unlike anything the scientists had ever seen before.

n. a living being, especially an animal

134. I _____ my anger and kept quiet.

v. to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations

ANSWERS: 128. decision, 129. chemistry, 130. discovery, 131. toxins, 132. unseen, 133. creature, 134. swallowed

135. Inspectors noticed _____ cracks in the submarine's hull.

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

136. He lost the election by _____ votes.

adj. used to emphasize how insignificant or minor someone or something is

137. His family is the oldest _____ of the island.

n. a person or an animal that lives in a particular place

138. The introduction _____ the speaker's distinguished career as a consultant

v. to make something prominent, mainly so that people give it more attention

139. The researcher separated the nervous _____ for microscopic examinations.

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

140. I will introduce some _____ on learning English in this class.

n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

141. We cannot _____ an opportunity for great success.

v. to fail to notice something; to watch over someone; to provide a view from above

ANSWERS: 135. microscopic, 136. mere, 137. inhabitant, 138. highlighted, 139. tissue, 140. tips, 141. overlook