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Vocabulary Builder Reference from...

Stephen Palumbi: Hidden toxins in the fish we eat |

TED Talk

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

All Words

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Session 1: Word List

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly

complicated

He did **complicated** pen-and-ink drawings in just a few days.

daunting

adj. looking challenging to manage in prospect; making someone anxious and less confident about carrying out something

synonym: intimidating, stunning, disheartening

(1) face the **daunting** reality, (2) seem like a **daunting** task

My homework was **daunting** and complex, but it was also intriguing.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

theme

n. a subject or topic of discourse or artistic representation
synonym: subject, topic, motif

(1) **theme** park, (2) central **theme**

The **theme** of the novel is the corrupting influence of power.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

row

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

synonym: line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

industrial

adj. of or relating to or resulting from industry

synonym: manufacturing, mechanical

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

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

operate

v. to work in a particular way; to supervise something

synonym: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

pile

n. a collection of objects positioned one on top of another; a large sum of something, such as money

synonym : accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

pollution

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

synonym : corrosion, deterioration, corruption

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

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

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.

fume

v. to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way;
(noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion

synonym : smoke, vaporize, emit

(1) **fume** with anger, (2) acrid **fumes**

The angry customer began to **fume** when their order was delayed.

scum

n. a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups

synonym : dregs, slime, filth

(1) bathtub **scum**, (2) **scum** of the earth

The **scum** on the pond's surface made seeing the fish

swimming below difficult.

inlet

n. a small arm of the sea, a lake, or a river, usually leading inland

synonym: cove, bayou, estuary

(1) **inlet** valve, (2) **inlet** temperature

The boat sailed through the narrow **inlet** and into the harbor.

bay

n. a part of the coast that is partially enclosed by land; a compartment or section of a ship or building

synonym: inlet, cove, gulf

(1) **bay** area, (2) the mouth of a **bay**

She walked along the **bay** and collected shells.

barely

adv. just enough; hardly; with great difficulty or effort

synonym: scarcely, hardly, only just

(1) **barely** noticeable, (2) **barely** finished

I **barely** made it to the meeting on time, rushing from another appointment across town.

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.

absorb

v. to take in a fluid or other substance gradually

synonym: consume, soak, ingest

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

The sponge **absorbs** water well.

unhealthy

adj. not conducive to good health; detrimental to physical or mental well-being

synonym: unwholesome, detrimental, insalubrious

(1) **unhealthy** diet, (2) **unhealthy** habit

Sitting for long hours in front of the computer is considered **unhealthy**.

adage

n. a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim

synonym: saying, proverb, maxim

(1) proverbial **adage**, (2) famous **adage**

He lived by the wise **adage** "honesty is the best policy" and was respected for his straightforward approach.

pinch

v. to grip something such as someone's skin and press it tightly between the finger and thumb; (noun) a painful or straitened circumstance

synonym: cramp, squeeze, clutch

(1) **pinch** off a bud, (2) **pinch** my nose

He **pinched** money from the cashbox without telling the company's employees.

minnow

n. a small freshwater fish, typically measuring between 2-4 inches in length, often used as bait for fishing

(1) **minnow** species, (2) swift **minnow**

The angler used a **minnow** trap to gather bait for the day's fishing expedition.

whale

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

synonym: porpoise, giant

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

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

pyramid

n. a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient

Egypt

synonym: monument, edifice, tomb

(1) **pyramid** architecture, (2) a truncated **pyramid**

The Egyptian **pyramids** consist of a vast number of blocks.

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.

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym: series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

plankton

n. tiny forms of plant and animal life that live in water or air on which other animals feed

(1) **plankton** blooms, (2) **plankton** community

Plankton is generally the foundation of the ocean food chain.

diagram

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

synonym: chart, figure, graph

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

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

operates.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage
They worked hard to **preserve** the nature of their native lands.

heal

v. to make a wound or injury to become well again

synonym: recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind
It will take time for her mental scars to **heal**.

jam

n. a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

synonym: difficulty, mess, preserve

(1) a traffic **jam**, (2) a jar of **jam**
The shredder in the print room often has paper **jams**.

frightening

adj. causing fear or alarm, or very surprising and alarming

synonym: scary, terrifying, alarming

(1) cast **frightening** eyes, (2) **frightening** experience
The news of the pandemic was a **frightening** reminder of the fragility of human health.

pollutant

n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

synonym: contaminant, toxic substance

(1) noxious **pollutant**, (2) water **pollutant**
The factory's use of chemicals has made it a significant **pollutant** in the area.

molecule

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

synonym : particle, element, atom

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

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

drift

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

synonym : float, wander, freewheel

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

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

passee

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

synonym : outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

predator

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

synonym : vulture, bloodsucker

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

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

accumulate

v. to collect or acquire a large number of things over a long period of time

synonym : amass, stash, earn

(1) **accumulate** cash value, (2) **accumulate** evidence

He has **accumulated** his wealth through real estate investments.

invention

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

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

peanut

n. a type of legume that grows underground and is widely cultivated and consumed as a food source

synonym: nut, groundnut, earthnut

(1) **peanut** butter, (2) the seed of a **peanut**

Some people have severe allergies to **peanuts** and must avoid them completely.

suppose

v. to think that something is likely to be actual or possible

synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

stingy

adj. unwilling to spend or give freely; characterized by an excessive unwillingness to share or be generous

synonym: tightfisted, miserly, frugal

(1) **stingy** benefits package for employees, (2) **stingy** with money

He's always been **stingy** with his time and rarely tries to spend it with his family.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

indigestible

adj. not easily digested or broken down by the body; difficult or impossible to understand or comprehend

synonym : unpalatable, inedible, unsavory

(1) **indigestible** food, (2) **indigestible** substance

The dish was filled with so much spice that it became **indigestible** for me.

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

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

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

dolphin

n. a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid

synonym : porpoise, cetacean, marine mammal

(1) **dolphin** show, (2) **dolphin-watching** tour

The large group of **dolphins** swam gracefully in the ocean, jumping out of the water now and then.

soluble

adj. able to dissolve in a particular substance or solvent; able to be solved or settled

synonym : miscible, dissolvable, liquefiable

(1) **soluble** fiber, (2) water- **soluble** vitamin

The sugar is **soluble** in hot water and dissolves easily.

juvenile

adj. relating to or characteristic of youth or young people; immature

synonym : youthful, boyish, childlike

(1) exhibit **juvenile** behavior, (2) **juvenile** justice

The detective suspected that the vandalism was the work of

juvenile delinquents.

- calf** *n.* a young cow, bull, or other domestic bovine animals
synonym: baby cow, heifer, yearling
(1) baby **calf**, (2) a **calf** elephant
The newborn **calf** stood on wobbly legs, trying to find its mother's milk.
- wean** *v.* to gradually stop feeding a baby or young animal with its mother's milk and to start or accustom to eating other food
synonym: ablactate
(1) **wean** a person from a bad habit, (2) **wean** my baby from the breast
It's difficult to **wean** an addict off drugs once they're hooked.
- offspring** *n.* descendant; any immature animal or plant
synonym: children, descendants, heirs
(1) female **offspring**, (2) produce **offspring**
How many **offspring** does the average lion have?
- survive** *v.* to live or exist despite a dangerous event or period
synonym: endure, persist, stay
(1) **survive** a blizzard, (2) **survive** a plane crash
These birds can only **survive** in temperate climates.
- moth** *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
(1) **moth** larva, (2) **moth** attracted to the light
The **moth** is a serious threat to the farm's output.
- pump** *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
synonym: drain, inject, send
(1) **pump** a secret out of success, (2) **pump** blood

throughout the body

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

reproduce

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

synonym : duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself

By dividing and creating copies of themselves, bacteria **reproduce**.

accumulation

n. an amount of something obtained via natural growth or addition

synonym : accretion, pileup, upsurge

(1) **accumulation** of wealth, (2) **accumulation** effect

Accumulation of fuel discounts is common practice among many retailers.

firstborn

adj. the first child born to a mother

synonym : eldest, older, primary

(1) **firstborn** female child, (2) **firstborn** grandchild

The **firstborn** child is often the parents' favorite.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

grocery

n. a shop that sells food and other household items

synonym : foodstuff, market

(1) the **grocery** business, (2) run a **grocery**

I will go to the **grocery** store to buy food for dinner.

smuggle

v. to import or export something or someone without paying appropriate customs duties, often illegally
(1) **smuggle** drugs, (2) **smuggle** herself out of a country
He was able to **smuggle** a gun inside the prison.

molecular

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

synonym: microscopic, atomic

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

Molecular weight is the sum of all the atoms.

biology

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

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

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

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

identify

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

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences
I will introduce you to how to **identify** the leading causes of the malfunction.

illegal

adj. not allowed by law
synonym: banned, prohibited, illicit

(1) **illegal** drugs, (2) child of **illegal** immigrants
The customs agents seized the **illegal** shipment.

label

n. a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
synonym: tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name
The **label** on the food package lists the ingredients and nutritional information.

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**
The patient will undergo **liver** transplant surgery tomorrow.

blubber

v. to speak or cry in a way that is noisy, emotional, and often difficult to understand; to sob or weep uncontrollably; (noun) a thick layer of fat that lies under the skin of marine mammals such as whales, seals, and walruses

synonym: snivel, blub, weep

(1) **blubber** uncontrollably, (2) seal **blubber**
The child began to **blubber** when he dropped his ice cream cone.

dioxin

n. a highly toxic chemical compound that is a byproduct of industrial processes, including waste incineration and certain industrial chemical reactions, which are persistent environmental pollutants that can have

harmful effects on human health and the environment
synonym : toxin, pollutant, contaminant

(1) **dioxin** levels, (2) **dioxin** exposure

Dioxin contamination in the soil posed a serious health risk to the nearby community.

metal

n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

synonym : alloy, metalloid

(1) **metal** fabrication, (2) precious **metal**

The construction worker used a **metal** saw to cut through the stubborn sheet metal.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym : disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy**
Macbeth is a famous **tragedy** by Shakespeare.

population

n. the total number of people in a country, region, or location

synonym : people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

toxic

adj. of or relating to or caused by a poison; poisonous

synonym : poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

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**.

awful

adj. causing fear, dread, or terror; very bad or unpleasant

synonym : terrible, appalling, horrible

(1) an **awful** error, (2) do **awful** damage

I regretted making an **awful** mistake in my final exam.

protocol

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

synonym : procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym : periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

polite

adj. showing consideration, respect, or deference towards others; having good manners, civility, or courteous behavior

synonym : courteous, civil, respectful

(1) **polite** manners, (2) **polite** tone

It's important to be **polite** even when you disagree with someone.

minister

n. a person appointed to or a job of a head of a government department

synonym :

bishop, official, ambassador

(1) **Minister** for Education, (2) deputy prime **minister**
The **minister** occasionally preaches at this church.

intolerable

adj. incapable of being tolerated or endured; unacceptable
synonym: agonizing, insufferable, unbearable

(1) **intolerable** situation, (2) the heat is **intolerable**
Chronic pain from the side effects of treatment made her life **intolerable**.

breastfeeding

n. the act of feeding a baby with milk produced by the mother's breasts

synonym: nursing, lactation, suckling

(1) **breastfeeding** mother, (2) **breastfeeding** support
Getting the hang of **breastfeeding** at first can be challenging, but with patience and practice, it gets easier.

incorrect

adj. not in accordance with fact or truth or not accurate
synonym: unsound, wrong, inaccurate

(1) make an **incorrect** report, (2) an **incorrect** translation
He found my English sentences are **incorrect**.

diet

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

synonym: food, dietary

(1) eat a vegetarian **diet**, (2) **Diet** approval
A balanced **diet** is more important for health than supplements.

arctic

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

synonym: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**
Cold temperatures and long, dark winters characterize the **arctic** climate.

statistics

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

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

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

seal

v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

synonym: enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

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.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

compromise

v. to settle a problem or disagreement by mutual concession

synonym: agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

acute

adj. extremely sharp or severe

synonym: sharp, perceptive, keen

(1) **acute** pain, (2) **acute** triangle

The patient died from **acute** alcohol intoxication.

sewer

n. an underground system of pipes used to carry away sewage and wastewater

synonym: drain, pipeline, conduit

(1) **sewer** device, (2) **sewer** system

The city is upgrading its **sewer** system to prevent flooding during heavy rain.

clog

v. to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

synonym: block, jam, obstruct

(1) **clog** a filter, (2) **clog** artery

The drain was **clogged** with hair and needed to be cleaned out.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym : food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

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**.

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**.

tide

n. the cyclical rise and fall of sea level caused by the moon's gravitational pull

synonym : ripple, surge, swell

(1) **tide** cycle, (2) ride the **tide** of change

Red **tide** is often harmful to the local ecosystem.

bloom

n. a flower, especially one having showy or colorful parts; the best time of youth

synonym : blossom, flush, flower

(1) **bloom** in autumn, (2) black-and-white **blooms**

The cherry blossoms in the park were in full **bloom**.

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.

neurological

adj. of or relating to the science of neurology or the nervous system

synonym : nervous, neural, brain-related

(1) fever with **neurological** signs, (2) **neurological** symptoms

The patient was diagnosed with a **neurological** disorder affecting their motor skills.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

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.

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.

shore

n. the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

synonym :

coast, seaside, beach

(1) a sandy **shore**, (2) **shore** up demand

The waves are beating against the **shore**.

genu

n. the anatomical term for the convex part of a structure, such as a knee or elbow joint

synonym: knee, joint, articulation

(1) **genu** valgum, (2) **genu** flexion

The surgeon performed a **genu** replacement on the elderly patient.

vibrio

n. a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology

(1) **vibrio** cholerae, (2) **vibrio** infection

The **vibrio** bacteria can cause food poisoning if consumed.

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.

nation

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

synonym: country, state, sovereign entity

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

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

tolerate

v. to allow something to exist or happen, even if it is disliked or opposed

synonym: endure, put up with, bear

(1) **tolerate** his disrespectful behavior, (2) **tolerate** ambiguity

I can't **tolerate** spicy food, and it always gives me heartburn

swamp

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

synonym: marsh, mire, bog

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

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

cleanliness

n. the state of being clean or free from dirt, dust, or foreign substances; the practice of maintaining good hygiene and cleanliness

synonym: neatness, hygiene, sanitation

(1) **cleanliness** standards, (2) **cleanliness** of the kitchen

We must prioritize our workplace's **cleanliness** for our employees' safety.

organism

n. a tiny living thing

synonym: being, creature

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

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

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.

infect

v. to affect a person, an animal, or a plant with a disease-causing organism

synonym: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

graph

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

synonym: chart, diagram, figure

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

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

initiative

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

synonym: enterprise, drive, ambition

(1) a peace **initiative**, (2) take **initiative**

The teacher's **initiative** to start a school garden project was met with enthusiasm from the students.

surf

v. to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner

synonym: browse, scan, paddle

(1) **surf** the Internet, (2) **surf** the waves

I'll **surf** the online store to see if I can find that item in a different color.

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.

rider

n. a clause, amendment, or stipulation added to a legal document or bill; a person who rides on or operates a vehicle or animal; a person who travels a specified distance on horseback to deliver a message

synonym : passenger, commuter, traveler

(1) a motorcycle **rider**, (2) **rider** to a bill

The horse **rider** won first place in the equestrian competition.

flash

n. a sudden intense burst of radiant energy; a momentary brightness

synonym : sparkle, gleam, glimmer

(1) a **flash** of lightning, (2) brilliant **flash**

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

alert

v. to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

synonym : warn, inform, (adjective) vigilant

(1) **alert** consumers to the dangers, (2) **alert** system

The company's cybersecurity team **alerted** the CEO to potential threats.

legacy

n. something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

synonym : inheritance, bequest, estate

(1) financial **legacy**, (2) cultural **legacy**

Her **legacy** as a philanthropist will live on for generations to

come.

antibiotic

n. a substance or drug that kills or slows down the growth of bacteria

synonym: antimicrobial, chemotherapeutic, germicide

(1) **antibiotic** resistance, (2) **antibiotic** allergy

He has been prescribed an **antibiotic** to treat his infection.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym: opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

gene

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

synonym: factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

harmful

adj. causing or likely to damage or injury to somebody or something,

synonym: damaging, detrimental, toxic

(1) **harmful** effects of smoking, (2) exposure to **harmful** chemicals

Wear a mask when using this chemical to avoid inhaling **harmful** fumes.

generate

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

synonym: create, yield, produce

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

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

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

poison

n. a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

synonym : toxin, venom, pollutant

(1) **poison** ivy, (2) **poison** bilateral relations

The plant's leaves contain a deadly **poison** that can cause hallucinations and seizures.

shellfish

n. water creatures that live in shells, especially one of the types that can be eaten

synonym : clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

Shellfish can cause allergic reactions in certain people.

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.

diarrhea

n. a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications

synonym : looseness, gastroenteritis, dysentery

(1) **diarrhea-related** dehydration, (2) **diarrhea** with abdominal pain

I had a terrible case of **diarrhea** and couldn't stop going to the bathroom.

neurotoxin

n. a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system

(1) snake **neurotoxin**, (2) lethal **neurotoxin**

Certain types of fish contain **neurotoxins** that can harm humans if ingested.

paralysis

n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

synonym: immobility, stiffness, palsy

(1) moral **paralysis**, (2) **paralysis** in the leg

Massive demonstrations lead to total **paralysis** of transportation.

trace

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

synonym: seek, follow, depict

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

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

norm

n. something that is regarded as usual, typical, or standard

synonym: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

vector

n. a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

synonym: carrier, transporter, conveyor

(1) disease **vector**, (2) a **vector** operation

The mosquito is a common **vector** for many diseases,

including malaria and Zika.

copepod

n. a small, planktonic crustacean that is a dominant part of the marine zooplankton and serves as a major food source for many aquatic organisms

synonym: small crustacean, water flea, plankton

(1) planktonic **copepod**, (2) marine **copepod**

The sudden drop in the **copepod** population could negatively affect the local marine food web.

crustacean

n. a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton

synonym: lobster, crab, shrimp

(1) **crustacean** dish, (2) **crustacean** shell

A lobster is a type of **crustacean** found in the ocean.

fraction

n. a small part or item forming a piece of a whole; the quotient of two rational numbers

synonym: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym: start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

concentration

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

synonym : attention, engagement, assiduity

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

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

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep
I'm so sorry to **disrupt** you when you're pretty busy.

ecosystem

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

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

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

bunch

n. a grouping of several similar things which are growing or fastened together

synonym : group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

plumber

n. a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system

synonym : pipefitter, pipeline engineer

(1) **plumber's** wrench, (2) licensed **plumber**

I had to call a **plumber** to fix the leaky faucet in my bathroom.

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.

grip *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
synonym : grasp, clasp, (verb) hold
(1) **grip** of fear, (2) lose my **grip**
He had a firm **grip** on the rope as he climbed the mountain.

distress *n.* a feeling of great worry, sadness, pain, or discomfort
synonym : discomfort, despair, misery
(1) a signal of **distress**, (2) emotional **distress**
She has been in great **distress** since she was heartbroken.

industrious *adj.* hardworking, diligent, and persistent in effort
synonym : diligent, hardworking, assiduous
(1) **industrious** worker, (2) **industrious** student
He was known to be very **industrious** and would often work late into the night.

attendant *n.* a person who is employed to provide a service or perform tasks, often in a public place, such as a flight attendant, parking attendant, or hospital attendant
synonym : assistant, aide, guide
(1) flight **attendant**, (2) personal **attendant**
The **attendant** at the parking lot directed me to an available parking spot

dramatically *adv.* in a very impressive manner
synonym : greatly, noticeably, suddenly
(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**
Life expectancy has grown **dramatically** this century.

abate *v.* to lessen, reduce, or diminish in intensity or severity; to decline or wane in amount or strength over time
synonym : decrease, diminish, reduce
(1) **abate** a storm, (2) **abate** a crisis
He tried to **abate** his anger by taking deep breaths and

counting to ten.

individual

n. a single person or thing, as distinct from a group
synonym : person, being, self

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

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

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
synonym : purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

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.

pioneering

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

synonym : innovative, groundbreaking, trailblazing

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

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

spirit

n. the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

synonym : soul, attitude, enthusiasm

(1) **spirit** and the letter of the law, (2) an indomitable **spirit**

Despite their tragic loss, the family is showing great **spirit**.

mayor

n. an elected official who presides over a city or town government

synonym: governor, leader, chief executive

(1) a deputy **mayor**, (2) **mayor's** race

The incumbent **mayor** announced his plans to address the city's homelessness crisis.

hometown

n. the town or city where one was born or grew up

synonym: birthplace, home, native place

(1) **hometown** celebrity, (2) **hometown** memory

I always look forward to going back to my **hometown** during the holidays.

pacific

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone;
(noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

synonym: calm, peaceful, tranquil

(1) **pacific-natured** disposition, (2) the **Pacific** Ocean

They adopted a **pacific** approach to resolving their differences, emphasizing dialogue and understanding.

grove

n. a small group of trees growing closely together

synonym: copse, thicket, underbrush

(1) a bamboo **grove**, (2) citrus **grove**

They walked through the **grove** of trees and admired the natural beauty.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

eventually

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

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

seed

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

synonym : germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

instrumental

adj. of, relating to, or performed on musical instruments; useful or important in achieving a purpose

synonym : functional, operational, practical

(1) **instrumental** in solving the crime, (2) **instrumental** music

The **instrumental** role of technology in modern society cannot be overstated.

aquarium

n. a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public

synonym : fish tank, water tank, aqua park

(1) **aquarium** fish, (2) virtual **aquarium**

This world-class **aquarium** offers educational programs for school groups.

notion

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

synonym : idea, concept, belief

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

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

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

dramatic

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

synonym: striking, theatrical, breathtaking

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

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

shift

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

synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

fortune

n. a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs

synonym: wealth, affluence, assets

(1) ill **fortune**, (2) bit of good **fortune**

Capitalism guarantees the right of ownership of personal **fortune**.

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.

terrestrial

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

synonym : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

Terrestrial longitude is measured in degrees east or west of the Prime Meridian.

intricately

adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

synonym : complexly, elaborately

(1) **intricately** woven, (2) **intricately** decorated

The watch was **intricately** designed, with many small moving parts.

Session 2: Spelling

1. mo_____ar biology
adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
2. ba___y noticeable
adv. just enough; hardly; with great difficulty or effort
3. they met acc_____lly
adv. by chance or without planning
4. gr__h theory
n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
5. pa__e trend
adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date
6. fu_____on properly
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
7. cultural n__m
n. something that is regarded as usual, typical, or standard
8. ge_____te \$100 a month
v. to produce or create something; to make offspring by reproduction

ANSWERS: 1. molecular, 2. barely, 3. accidentally, 4. graph, 5. passe, 6. function, 7. norm, 8. generate

9. pr____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
10. sh__e up demand *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
11. di___n exposure *n.* a highly toxic chemical compound that is a byproduct of industrial processes, including waste incineration and certain industrial chemical reactions, which are persistent environmental pollutants that can have harmful effects on human health and the environment
12. un_____hy diet *adj.* not conducive to good health; detrimental to physical or mental well-being
13. im___e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
14. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
15. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
16. ill fo_____e *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs

ANSWERS: 9. preserve, 10. shore, 11. dioxin, 12. unhealthy, 13. immune, 14. fertilizer, 15. gene, 16. fortune

27. m__h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
28. produce of _____ng *n.* descendant; any immature animal or plant
29. bathtub s__m *n.* a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
30. the Pa_____c Ocean *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
31. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
32. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
33. ab__e a crisis *v.* to lessen, reduce, or diminish in intensity or severity; to decline or wane in amount or strength over time
34. snake neu_____in *n.* a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system
35. Mi_____er for Education *n.* a person appointed to or a job of a head of a government department

ANSWERS: 27. moth, 28. offspring, 29. scum, 30. pacific, 31. lab, 32. eventually, 33. abate, 34. neurotoxin, 35. minister

36. s__l a hole
v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
37. wh__e watching
n. a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
38. pa____c-natured disposition
adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
39. he confessed dra_____lly
adv. in a very impressive manner
40. supply ch__n
n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
41. blue al__e
n. A simple plant that grows in or near water and lacks typical leaves and roots
42. apex pr____or
n. an animal whose natural behavior is to prey on others
43. exposure to to__c chemicals
adj. of or relating to or caused by a poison; poisonous
44. de____p a strategy
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 36. seal, 37. whale, 38. pacific, 39. dramatically, 40. chain, 41. algae, 42. predator, 43. toxic, 44. develop

45. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
46. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
47. ec____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
48. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
49. pl____r's wrench *n.* a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system
50. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
51. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
52. virtual aq____um *n.* a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public

ANSWERS: 45. biology, 46. damage, 47. economy, 48. bunch, 49. plumber, 50. spark, 51. row, 52. aquarium

53. dr__t away on a raft *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
54. vi___o cholerae *n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology
55. fri_____ng experience *adj.* causing fear or alarm, or very surprising and alarming
56. eat a vegetarian d__t *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
57. st___y with money *adj.* unwilling to spend or give freely; characterized by an excessive unwillingness to share or be generous
58. make dr_____ic changes *adj.* very sudden, very excellent, or full of action and excitement
59. aq_____um fish *n.* a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public
60. h__l the hurt mind *v.* to make a wound or injury to become well again
61. a numerator in a fr_____on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
62. po___n bilateral relations *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

ANSWERS: 53. drift, 54. vibrio, 55. frightening, 56. diet, 57. stingy, 58. dramatic, 59.

aquarium, 60. heal, 61. fraction, 62. poison

63. la__l a bag with my name *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
64. pio_____ng research *adj.* involving new ideas or methods; being the first of their kind; leading the way in a particular field
65. variety of ma___e life *adj.* relating to the sea and the creatures and plants that live there
66. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
67. human activities int_____ect with the environment *v.* to connect similar things
68. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
69. th__e park *n.* a subject or topic of discourse or artistic representation
70. moral pa_____is *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
71. ins_____tal in solving the crime *adj.* of, relating to, or performed on musical instruments; useful or important in achieving a purpose
72. se__r device *n.* an underground system of pipes used to carry away sewage and wastewater
73. re_____ce the painting *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

ANSWERS: 63. label, 64. pioneering, 65. marine, 66. dramatically, 67. interconnect, 68. predator, 69. theme, 70. paralysis, 71. instrumental, 72. sewer, 73. reproduce

74. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
75. high ar____c *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
76. di_____ea with abdominal pain *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
77. ride the t__e of change *n.* the cyclical rise and fall of sea level caused by the moon's gravitational pull
78. a peace ini_____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
79. op_____e 24 hours a day *v.* to work in a particular way; to supervise something
80. do aw__l damage *adj.* causing fear, dread, or terror; very bad or unpleasant
81. precious me__l *n.* a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes
82. dr__t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

ANSWERS: 74. photograph, 75. arctic, 76. diarrhea, 77. tide, 78. initiative, 79. operate, 80. awful, 81. metal, 82. drift

83. group of or _____s *n.* a tiny living thing
84. do _____n show *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
85. ind _____al alcohol *adj.* of or relating to or resulting from industry
86. ac __e triangle *adj.* extremely sharp or severe
87. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
88. sp____t and the letter of the law *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
89. a bamboo gr__e *n.* a small group of trees growing closely together
90. ab____b a shock *v.* to take in a fluid or other substance gradually
91. a fl__h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
92. a mailing la__l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
93. pl____on community *n.* tiny forms of plant and animal life that live in water or air on which other animals feed

ANSWERS: 83. organism, 84. dolphin, 85. industrial, 86. acute, 87. sew, 88. spirit, 89. grove, 90. absorb, 91. flash, 92. label, 93. plankton

94. 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
95. s__f the Internet *v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
96. do_____n-watching tour *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
97. water-so_____e vitamin *adj.* able to dissolve in a particular substance or solvent; able to be solved or settled
98. criminal on death r_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
99. take ini_____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
100. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
101. ins_____tal music *adj.* of, relating to, or performed on musical instruments; useful or important in achieving a purpose
102. pl_____on blooms *n.* tiny forms of plant and animal life that live in water or air on which other animals feed

ANSWERS: 94. discovery, 95. surf, 96. dolphin, 97. soluble, 98. row, 99. initiative, 100. nation, 101. instrumental, 102. plankton

103. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
104. unf_____ely caught in a shower *adv.* by bad luck; unluckily
105. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
106. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
107. ma_____e insurance *adj.* relating to the sea and the creatures and plants that live there
108. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
109. bre_____ing support *n.* the act of feeding a baby with milk produced by the mother's breasts
110. sm_____e herself out of a country *v.* to import or export something or someone without paying appropriate customs duties, often illegally
111. ind_____us student *adj.* hardworking, diligent, and persistent in effort
112. central th__e *n.* a subject or topic of discourse or artistic representation
113. po_____e manners *adj.* showing consideration, respect, or deference towards others; having good manners, civility, or courteous behavior
114. female of_____ng *n.* descendant; any immature animal or plant

ANSWERS: 103. resistance, 104. unfortunately, 105. incredibly, 106. molecule, 107. marine, 108. spot, 109. breastfeeding, 110. smuggle, 111. industrious, 112. theme, 113. polite, 114. offspring

115. int_____le situation *adj.* incapable of being tolerated or endured; unacceptable
116. c__g artery *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
117. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
118. in__t valve *n.* a small arm of the sea, a lake, or a river, usually leading inland
119. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
120. ab___b energy *v.* to take in a fluid or other substance gradually
121. cast fri_____ng eyes *adj.* causing fear or alarm, or very surprising and alarming
122. py_____d architecture *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
123. 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: 115. intolerable, 116. clog, 117. liver, 118. inlet, 119. invention, 120. absorb, 121. frightening, 122. pyramid, 123. toxin

124. a deputy ma__r *n.* an elected official who presides over a city or town government
125. fever with neu_____cal signs *adj.* of or relating to the science of neurology or the nervous system
126. licensed pl_____r *n.* a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system
127. acc_____te cash value *v.* to collect or acquire a large number of things over a long period of time
128. 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
129. run a gr_____y *n.* a shop that sells food and other household items
130. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
131. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
132. di_____n levels *n.* a highly toxic chemical compound that is a byproduct of industrial processes, including waste incineration and certain industrial chemical reactions, which are persistent environmental pollutants that can have harmful effects on human health and the environment
133. exposure to ha_____l chemicals *adj.* causing or likely to damage or injury to somebody or something,

ANSWERS: 124. mayor, 125. neurological, 126. plumber, 127. accumulate, 128. cholera, 129. grocery, 130. dramatic, 131. invention, 132. dioxin, 133. harmful

134. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
135. ho_____wn memory *n.* the town or city where one was born or grew up
136. disease ve____r *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease
137. 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
138. mo____g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
139. labor pop_____on *n.* the total number of people in a country, region, or location
140. a bull wh__e *n.* a very large sea mammal that has a streamlined body and breathes through a blowhole on the head; a very large person; impressive in size or qualities
141. jo_____l articles *n.* a newspaper or magazine specialized in a specific topic or profession
142. emotional di_____ss *n.* a feeling of great worry, sadness, pain, or discomfort

ANSWERS: 134. nation, 135. hometown, 136. vector, 137. poisonous, 138. moving, 139. population, 140. whale, 141. journal, 142. distress

143. seal bl_____r
- v. to speak or cry in a way that is noisy, emotional, and often difficult to understand; to sob or weep uncontrollably; (noun) a thick layer of fat that lies under the skin of marine mammals such as whales, seals, and walruses
144. 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
145. proverbial ad__e
- n. a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim
146. n__m of action
- n. something that is regarded as usual, typical, or standard
147. edible sh_____sh
- n. water creatures that live in shells, especially one of the types that can be eaten
148. bit of good fo_____e
- n. a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
149. acc_____lly coincide
- adv. by chance or without planning
150. su_____e beforehand
- v. to think that something is likely to be actual or possible

ANSWERS: 143. blubber, 144. bacteria, 145. adage, 146. norm, 147. shellfish, 148. fortune, 149. accidentally, 150. suppose

151. g__u flexion *n.* the anatomical term for the convex part of a structure, such as a knee or elbow joint
152. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
153. al__t consumers to the dangers *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
154. ind_____ble food *adj.* not easily digested or broken down by the body; difficult or impossible to understand or comprehend
155. s__d money *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
156. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
157. no___n of success *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
158. the aftermath of this tr_____y *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

ANSWERS: 151. genu, 152. pump, 153. alert, 154. indigestible, 155. seed, 156. eventually, 157. notion, 158. tragedy

159. 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
160. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
161. seem like a da_____ng task *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
162. ant_____ic resistance *n.* a substance or drug that kills or slows down the growth of bacteria
163. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
164. com_____se the matter *v.* to settle a problem or disagreement by mutual concession
165. cru_____an shell *n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton
166. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
167. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
168. lethal neu_____in *n.* a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system

ANSWERS: 159. discovery, 160. ecosystem, 161. daunting, 162. antibiotic, 163. communal, 164. compromise, 165. crustacean, 166. genetically, 167. disrupt, 168. neurotoxin

169. h__l a broken bone *v.* to make a wound or injury to become well again
170. cru_____an dish *n.* a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton
171. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
172. st___y benefits package for employees *adj.* unwilling to spend or give freely; characterized by an excessive unwillingness to share or be generous
173. ba___y finished *adv.* just enough; hardly; with great difficulty or effort
174. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
175. aerobic or_____sm *n.* a tiny living thing
176. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
177. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
178. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
179. s_w with thread *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle

ANSWERS: 169. heal, 170. crustacean, 171. economy, 172. stingy, 173. barely, 174. spark, 175. organism, 176. epidemic, 177. survive, 178. communal, 179. sew

180. sm_____e drugs *v.* to import or export something or someone without paying appropriate customs duties, often illegally
181. acc_____ion effect *n.* an amount of something obtained via natural growth or addition
182. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
183. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
184. to_____te his disrespectful behavior *v.* to allow something to exist or happen, even if it is disliked or opposed
185. water po_____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
186. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
187. ind_____al freedom *n.* a single person or thing, as distinct from a group
188. fi_____rn female child *adj.* the first child born to a mother
189. cle_____ss of the kitchen *n.* the state of being clean or free from dirt, dust, or foreign substances; the practice of maintaining good hygiene and cleanliness
190. personal at_____nt *n.* a person who is employed to provide a service or perform tasks, often in a public place, such as a flight attendant, parking attendant, or hospital attendant

ANSWERS: 180. smuggle, 181. accumulation, 182. pollution, 183. biology, 184. tolerate, 185. pollutant, 186. concentration, 187. individual, 188. firstborn, 189. cleanliness, 190. attendant

191. ant_____ic allergy *n.* a substance or drug that kills or slows down the growth of bacteria
192. mo___g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
193. acc_____te evidence *v.* to collect or acquire a large number of things over a long period of time
194. to_____te ambiguity *v.* to allow something to exist or happen, even if it is disliked or opposed
195. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
196. Doppler sh__t *n.* a slight transition in position, direction, or trend
197. 3D di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
198. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
199. swift mi___w *n.* a small freshwater fish, typically measuring between 2-4 inches in length, often used as bait for fishing
200. a sand p___e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
201. re_____ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
202. a ve___r operation *n.* a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

ANSWERS: 191. antibiotic, 192. moving, 193. accumulate, 194. tolerate, 195.

resistance, 196. shift, 197. diagram, 198. incredibly, 199. minnow, 200. pile, 201.
reproduce, 202. vector

213. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
214. f__e with anger *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
215. acc_____ion of wealth *n.* an amount of something obtained via natural growth or addition
216. po___n ivy *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
217. pio_____ng spirit *adj.* involving new ideas or methods; being the first of their kind; leading the way in a particular field
218. ha_____l effects of smoking *adj.* causing or likely to damage or injury to somebody or something,
219. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
220. 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

ANSWERS: 213. nutrient, 214. fume, 215. accumulation, 216. poison, 217. pioneering, 218. harmful, 219. mechanism, 220. spot

221. exhibit ju_____le behavior *adj.* relating to or characteristic of youth or young people; immature
222. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
223. se__r system *n.* an underground system of pipes used to carry away sewage and wastewater
224. en_____us potential *adj.* extremely large or great
225. an indomitable sp____t *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
226. baby c__f *n.* a young cow, bull, or other domestic bovine animals
227. en_____us amount *adj.* extremely large or great
228. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
229. su_____e you're right *v.* to think that something is likely to be actual or possible
230. bl_____r uncontrollably *v.* to speak or cry in a way that is noisy, emotional, and often difficult to understand; to sob or weep uncontrollably; (noun) a thick layer of fat that lies under the skin of marine mammals such as whales, seals, and walruses

ANSWERS: 221. juvenile, 222. genetically, 223. sewer, 224. enormous, 225. spirit, 226. calf, 227. enormous, 228. industrious, 229. suppose, 230. blubber

231. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
232. major paradigm sh__t *n.* a slight transition in position, direction, or trend
233. ma__r's race *n.* an elected official who presides over a city or town government
234. vague no___n *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
235. ho_____wn celebrity *n.* the town or city where one was born or grew up
236. ri__r to a bill *n.* a clause, amendment, or stipulation added to a legal document or bill; a person who rides on or operates a vehicle or animal; a person who travels a specified distance on horseback to deliver a message
237. int_____ly woven *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
238. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 231. pump, 232. shift, 233. mayor, 234. notion, 235. hometown, 236. rider, 237. intricately, 238. mechanism

239. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
240. so_____e fiber *adj.* able to dissolve in a particular substance or solvent; able to be solved or settled
241. cannot com_____se anymore *v.* to settle a problem or disagreement by mutual concession
242. neu_____cal symptoms *adj.* of or relating to the science of neurology or the nervous system
243. deputy prime mi_____er *n.* a person appointed to or a job of a head of a government department
244. w__n a person from a bad habit *v.* to gradually stop feeding a baby or young animal with its mother's milk and to start or accustom to eating other food
245. a signal of di_____ss *n.* a feeling of great worry, sadness, pain, or discomfort
246. flight at_____nt *n.* a person who is employed to provide a service or perform tasks, often in a public place, such as a flight attendant, parking attendant, or hospital attendant
247. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
248. planktonic co_____d *n.* a small, planktonic crustacean that is a dominant part of the marine zooplankton and serves as a major food source for many aquatic organisms
249. c__g a filter *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

ANSWERS: 239. complicated, 240. soluble, 241. compromise, 242. neurological, 243. minister, 244. wean, 245. distress, 246. attendant, 247. breast, 248. copepod, 249. clog

250. famous ad__e *n.* a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim
251. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
252. a tr____y during work *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
253. mi___w species *n.* a small freshwater fish, typically measuring between 2-4 inches in length, often used as bait for fishing
254. bre_____ing mother *n.* the act of feeding a baby with milk produced by the mother's breasts
255. cle_____ss standards *n.* the state of being clean or free from dirt, dust, or foreign substances; the practice of maintaining good hygiene and cleanliness
256. the mountain's br___t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

ANSWERS: 250. adage, 251. AI, 252. tragedy, 253. minnow, 254. breastfeeding, 255. cleanliness, 256. breast

257. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
258. un_____hy habit *adj.* not conducive to good health; detrimental to physical or mental well-being
259. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
260. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
261. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
262. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
263. ac__e pain *adj.* extremely sharp or severe
264. an in_____ct translation *adj.* not in accordance with fact or truth or not accurate
265. ter_____al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
266. il_____l drugs *adj.* not allowed by law
267. su_____e a blizzard *v.* to live or exist despite a dangerous event or period

ANSWERS: 257. infection, 258. unhealthy, 259. pollute, 260. ecosystem, 261. molecular, 262. industrial, 263. acute, 264. incorrect, 265. terrestrial, 266. illegal, 267. survive

268. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
269. citrus gr__e *n.* a small group of trees growing closely together
270. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
271. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
272. s__f the waves *v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
273. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
274. muddy sw__p *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
275. face the da_____ng reality *adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
276. fi_____rn grandchild *adj.* the first child born to a mother
277. pop_____on change *n.* the total number of people in a country, region, or location

ANSWERS: 268. complexity, 269. grove, 270. preserve, 271. virus, 272. surf, 273. fertilizer, 274. swamp, 275. daunting, 276. firstborn, 277. population

278. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
279. health ep____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
280. al__t system *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
281. g__p of fear *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
282. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
283. a s__d coat *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
284. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
285. noxious po____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
286. in__t temperature *n.* a small arm of the sea, a lake, or a river, usually leading inland
287. pi__h off a bud *v.* to grip something such as someone's skin and press it tightly between the finger and thumb; (noun) a painful or straitened circumstance

ANSWERS: 278. bunch, 279. epidemic, 280. alert, 281. grip, 282. disrupt, 283. seed, 284. identify, 285. pollutant, 286. inlet, 287. pinch

296. scientific jo____l *n.* a newspaper or magazine specialized in a specific topic or profession
297. 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
298. a fr____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
299. g__u valgum *n.* the anatomical term for the convex part of a structure, such as a knee or elbow joint
300. acrid f__es *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
301. nu____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
302. pe____t butter *n.* a type of legume that grows underground and is widely cultivated and consumed as a food source
303. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 296. journal, 297. toxin, 298. fraction, 299. genu, 300. fume, 301. nutrient, 302. peanut, 303. function

304. vi___o infection *n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology
305. 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
306. da___e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
307. 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
308. black-and-white bl__ms *n.* a flower, especially one having showy or colorful parts; the best time of youth
309. pa__e entertainment *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
310. a sandy sh__e *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
311. even more unf_____ely *adv.* by bad luck; unluckily

ANSWERS: 304. vibrio, 305. disease, 306. damage, 307. poisonous, 308. bloom, 309. passe, 310. shore, 311. unfortunately

312. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
313. make an in_____ct report *adj.* not in accordance with fact or truth or not accurate
314. the cell of the im____e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
315. tr__e a telephone call *v.* to find or discover someone or something that was lost
316. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
317. in a di_____m *n.* a simplified illustration of the appearance, structure, or workings of something
318. w__n my baby from the breast *v.* to gradually stop feeding a baby or young animal with its mother's milk and to start or accustom to eating other food
319. a private ind_____al *n.* a single person or thing, as distinct from a group
320. s__m of the earth *n.* a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
321. cultural le____y *n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

ANSWERS: 312. statistics, 313. incorrect, 314. immune, 315. trace, 316. pollute, 317. diagram, 318. wean, 319. individual, 320. scum, 321. legacy

322. pa_____is in the leg *n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
323. po___e tone *adj.* showing consideration, respect, or deference towards others; having good manners, civility, or courteous behavior
324. lose my g__p *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
325. an aw__l error *adj.* causing fear, dread, or terror; very bad or unpleasant
326. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
327. 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
328. a fur s__l *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
329. financial le___y *n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property
330. child of il_____l immigrants *adj.* not allowed by law

ANSWERS: 322. paralysis, 323. polite, 324. grip, 325. awful, 326. infection, 327. disease, 328. seal, 329. legacy, 330. illegal

331. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
332. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
333. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
334. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
335. 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
336. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
337. environmental po____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
338. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
339. a c__f elephant *n.* a young cow, bull, or other domestic bovine animals
340. brilliant fl__h *n.* a sudden intense burst of radiant energy; a momentary brightness

ANSWERS: 331. chain, 332. identify, 333. virus, 334. generate, 335. bacteria, 336. complicated, 337. pollution, 338. concentration, 339. calf, 340. flash

341. bl__m in autumn *n.* a flower, especially one having showy or colorful parts; the best time of youth
342. m__h attracted to the light *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
343. 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
344. b_y area *n.* a part of the coast that is partially enclosed by land; a compartment or section of a ship or building
345. 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
346. a truncated py_____d *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
347. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 341. bloom, 342. moth, 343. cholera, 344. bay, 345. planet, 346. pyramid, 347. AI

348. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
349. ju____le justice *adj.* relating to or characteristic of youth or young people; immature
350. a jar of j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
351. manually op____e a machine *v.* to work in a particular way; to supervise something
352. the gr____y business *n.* a shop that sells food and other household items
353. 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
354. ab__e a storm *v.* to lessen, reduce, or diminish in intensity or severity; to decline or wane in amount or strength over time
355. ter____al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
356. di____ea-related dehydration *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications

ANSWERS: 348. develop, 349. juvenile, 350. jam, 351. operate, 352. grocery, 353. planet, 354. abate, 355. terrestrial, 356. diarrhea

357. int_____ly decorated *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
358. ind_____ble substance *adj.* not easily digested or broken down by the body; difficult or impossible to understand or comprehend
359. 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
360. sh_____sh allergy *n.* water creatures that live in shells, especially one of the types that can be eaten
361. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
362. in____t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
363. sw__p tour *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
364. a motorcycle ri__r *n.* a clause, amendment, or stipulation added to a legal document or bill; a person who rides on or operates a vehicle or animal; a person who travels a specified distance on horseback to deliver a message

ANSWERS: 357. intricately, 358. indigestible, 359. ecologist, 360. shellfish, 361. molecule, 362. infect, 363. swamp, 364. rider

Session 3: Fill in the Blanks

1. Shakespeare's output of poetry was _____.
adj. extremely large or great
2. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
3. Seals and whales are _____ animals beloved by the people.
adj. relating to the sea and the creatures and plants that live there
4. They walked through the _____ of trees and admired the natural beauty.
n. a small group of trees growing closely together
5. He was _____ killed by friendly fire.
adv. by chance or without planning
6. The city is upgrading its _____ system to prevent flooding during heavy rain.
n. an underground system of pipes used to carry away sewage and wastewater
7. Her _____ as a philanthropist will live on for generations to come.
n. something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

ANSWERS: 1. enormous, 2. function, 3. marine, 4. grove, 5. accidentally, 6. sewer, 7. legacy

8. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
9. I will go to the _____ store to buy food for dinner.
n. a shop that sells food and other household items
10. A lobster is a type of _____ found in the ocean.
n. a type of arthropod, such as a crab, lobster, or shrimp, that has a hard outer shell or exoskeleton
11. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
12. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
13. He's always been _____ with his time and rarely tries to spend it with his family.
adj. unwilling to spend or give freely; characterized by an excessive unwillingness to share or be generous
14. The vaccination does not necessarily make you completely _____.
adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
15. It will take time for her mental scars to _____.
v. to make a wound or injury to become well again

ANSWERS: 8. individual, 9. grocery, 10. crustacean, 11. unfortunately, 12. eventually, 13. stingy, 14. immune, 15. heal

16. Hospitals must meet various standards to prevent nosocomial _____.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
17. _____ is generally the foundation of the ocean food chain.
- n.* tiny forms of plant and animal life that live in water or air on which other animals feed
18. The sponge _____ water well.
- v.* to take in a fluid or other substance gradually
19. 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
20. His _____ speech about his struggles with addiction brought tears to the audience's eyes.
- adj.* causing strong emotions or feelings, especially sadness or sympathy
21. He was able to _____ a gun inside the prison.
- v.* to import or export something or someone without paying appropriate customs duties, often illegally
22. The _____ of Japan is known for its unique culture and advanced technology.
- n.* a large organized community of people living in a particular country or region and having a particular culture
23. The surgeon performed a _____ replacement on the elderly patient.
- n.* the anatomical term for the convex part of a structure, such as a knee or elbow joint

ANSWERS: 16. infections, 17. Plankton, 18. absorbs, 19. ecologist, 20. moving, 21. smuggle, 22. nation, 23. genu

24. I'll _____ the online store to see if I can find that item in a different color.
- v.* to ride on or through waves while standing or lying down on a board or other object; to search or browse the Internet or other computer networks in a casual or aimless manner
25. He has been prescribed an _____ to treat his infection.
- n.* a substance or drug that kills or slows down the growth of bacteria
26. The watch was _____ designed, with many small moving parts.
- adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
27. The _____ at the parking lot directed me to an available parking spot
- n.* a person who is employed to provide a service or perform tasks, often in a public place, such as a flight attendant, parking attendant, or hospital attendant
28. Children often _____ parents with this head cold.
- v.* to affect a person, an animal, or a plant with a disease-causing organism
29. Bell-bottom jeans, once considered _____ fashion, have made a surprising comeback in recent years.
- adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
30. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 24. surf, 25. antibiotic, 26. intricately, 27. attendant, 28. infect, 29. passe, 30. develop

31. The cherry blossoms in the park were in full _____.
- n.* a flower, especially one having showy or colorful parts; the best time of youth
32. The _____ modified crops were resistant to pests and required less water.
- adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
33. The disease is now reaching _____ proportions in our country.
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
34. _____ has jammed the inlet to the water turbine.
- n.* A simple plant that grows in or near water and lacks typical leaves and roots
35. Chronic pain from the side effects of treatment made her life _____.
- adj.* incapable of being tolerated or endured; unacceptable
36. My homework was _____ and complex, but it was also intriguing.
- adj.* looking challenging to manage in prospect; making someone anxious and less confident about carrying out something
37. It's difficult to _____ an addict off drugs once they're hooked.
- v.* to gradually stop feeding a baby or young animal with its mother's milk and to start or accustom to eating other food
38. The physician is reading the _____ related to medicine
- n.* a newspaper or magazine specialized in a specific topic or profession

ANSWERS: 31. bloom, 32. genetically, 33. epidemic, 34. Algae, 35. intolerable, 36. daunting, 37. wean, 38. journals

39. Capitalism guarantees the right of ownership of personal _____.
- n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
40. We must prioritize our workplace's _____ for our employees' safety.
- n.* the state of being clean or free from dirt, dust, or foreign substances; the practice of maintaining good hygiene and cleanliness
41. This chemical compound is a thousand-fold more _____.
- adj.* of or relating to or caused by a poison; poisonous
42. The _____ of the novel is the corrupting influence of power.
- n.* a subject or topic of discourse or artistic representation
43. The large group of _____ swam gracefully in the ocean, jumping out of the water now and then.
- n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
44. The _____ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
45. He _____ money from the cashbox without telling the company's employees.
- v.* to grip something such as someone's skin and press it tightly between the finger and thumb; (noun) a painful or straitened circumstance
46. 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

ANSWERS: 39. fortune, 40. cleanliness, 41. toxic, 42. theme, 43. dolphins, 44. pollution, 45. pinched, 46. sew

47. The detective suspected that the vandalism was the work of _____ delinquents.

adj. relating to or characteristic of youth or young people; immature

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

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

49. The dish was filled with so much spice that it became _____ for me.

adj. not easily digested or broken down by the body; difficult or impossible to understand or comprehend

50. The mosquito is a common _____ for many diseases, including malaria and Zika.

n. a quantity that has both magnitude and direction, often used in mathematics, physics, and engineering to describe forces, velocities, or other physical phenomena; any agent (person or animal, or microorganism) that carries and transmits a disease

51. Several cities are experiencing _____ high unemployment rates.

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

52. It's important to be _____ even when you disagree with someone.

adj. showing consideration, respect, or deference towards others; having good manners, civility, or courteous behavior

53. I _____ made it to the meeting on time, rushing from another appointment across town.

adv. just enough; hardly; with great difficulty or effort

ANSWERS: 47. juvenile, 48. drifted, 49. indigestible, 50. vector, 51. incredibly, 52. polite, 53. barely

54. This machine is too difficult to _____ for me.

v. to work in a particular way; to supervise something

55. A balanced _____ is more important for health than supplements.

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

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

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

57. One bad apple spoils the whole _____.

n. a grouping of several similar things which are growing or fastened together

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

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

59. He tried to _____ his anger by taking deep breaths and counting to ten.

v. to lessen, reduce, or diminish in intensity or severity; to decline or wane in amount or strength over time

60. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.

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

61. The construction worker used a _____ saw to cut through the stubborn sheet metal.

n. a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity, and often used as a structural material, a conductor of heat or electricity, or for decorative purposes

ANSWERS: 54. operate, 55. diet, 56. Molecular, 57. bunch, 58. trace, 59. abate, 60. ecosystem, 61. metal

62. Sitting for long hours in front of the computer is considered _____.

adj. not conducive to good health; detrimental to physical or mental well-being

63. _____ longitude is measured in degrees east or west of the Prime Meridian.

adj. of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

64. The patient will undergo _____ transplant surgery tomorrow.

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

65. They used fast-acting _____ on the flowers in the flower beds.

n. any substance that is essential for the maintenance and growth of living things

66. The boat sailed through the narrow _____ and into the harbor.

n. a small arm of the sea, a lake, or a river, usually leading inland

67. He grilled the _____ meat of a chicken.

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

68. The _____ role of technology in modern society cannot be overstated.

adj. of, relating to, or performed on musical instruments; useful or important in achieving a purpose

69. The sugar is _____ in hot water and dissolves easily.

adj. able to dissolve in a particular substance or solvent; able to be solved or settled

ANSWERS: 62. unhealthy, 63. Terrestrial, 64. liver, 65. nutrients, 66. inlet, 67. breast, 68. instrumental, 69. soluble

70. Necessity is the mother of _____.

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

71. He discovered unique _____ for photochemical reactions.

- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

72. He is drawing a _____ illustrating how the equipment operates.

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

73. We should do our best not to _____ the environment.

- v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

74. He did _____ pen-and-ink drawings in just a few days.

- adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

75. _____ elections were held in several European countries.

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

76. The teacher's _____ to start a school garden project was met with enthusiasm from the students.

- n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

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

- n.* a tiny living thing

ANSWERS: 70. invention, 71. mechanisms, 72. diagram, 73. pollute, 74. complicated, 75. Communal, 76. initiative, 77. organism

78. He has _____ his wealth through real estate investments.

v. to collect or acquire a large number of things over a long period of time

79. The _____ scientist developed a breakthrough technology that revolutionized the industry.

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

80. The factory's use of chemicals has made it a significant _____ in the area.

n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

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

adj. of or relating to or resulting from industry

82. The _____ on my bike broke, leaving me stranded.

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

83. 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

84. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 78. accumulated, 79. pioneering, 80. pollutant, 81. Industrial, 82. chain, 83. discovery, 84. damage

85. The statement had a _____ impact on house prices.

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

86. By dividing and creating copies of themselves, bacteria _____.

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

87. The company has a strict _____ for handling sensitive information to ensure security.

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

88. The customs agents seized the _____ shipment.

adj. not allowed by law

89. Our system can now _____ with other databases.

v. to connect similar things

90. The _____ of the country is struggling due to the recent political instability.

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

91. She walked along the ____ and collected shells.

n. a part of the coast that is partially enclosed by land; a compartment or section of a ship or building

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

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

ANSWERS: 85. dramatic, 86. reproduce, 87. protocol, 88. illegal, 89. interconnect, 90. economy, 91. bay, 92. whale

93. The newborn _____ stood on wobbly legs, trying to find its mother's milk.
n. a young cow, bull, or other domestic bovine animals
94. He spent only a _____ of his earnings.
n. a small part or item forming a piece of a whole; the quotient of two rational numbers
95. _____ 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
96. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
97. I found an old _____ of my grandparents from their wedding day.
n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
98. The _____ on the pond's surface made seeing the fish swimming below difficult.
n. a layer of unwanted or unclean material that forms on the surface of a liquid or a solid, often containing dirt, oil, or other debris, also used figuratively to describe undesirable people or groups
99. Red _____ is often harmful to the local ecosystem.
n. the cyclical rise and fall of sea level caused by the moon's gravitational pull
100. I will introduce you to how to _____ the leading causes of the malfunction.
v. to recognize someone or something and say or prove who or what they are

ANSWERS: 93. calf, 94. fraction, 95. Bacteria, 96. sparked, 97. photograph, 98. scum, 99. tide, 100. identify

101. They worked hard to _____ the nature of their native lands.
- v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
102. The waves are beating against the _____.
- n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
103. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period
104. These heavy rains caused _____ floods on several islands.
- n.* a sudden intense burst of radiant energy; a momentary brightness
105. This exam requires excellent _____ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
106. In just four years, the _____ has doubled.
- n.* the total number of people in a country, region, or location
107. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
- n.* a workplace for the conduct of scientific research; a laboratory
108. The plant's leaves contain a deadly _____ that can cause hallucinations and seizures.
- n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

ANSWERS: 101. preserve, 102. shore, 103. survive, 104. flash, 105. concentration, 106. population, 107. lab, 108. poison

109. 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
110. The evolution of processors has dramatically improved the performance of _____.
n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
111. I can't _____ spicy food, and it always gives me heartburn
v. to allow something to exist or happen, even if it is disliked or opposed
112. I always look forward to going back to my _____ during the holidays.
n. the town or city where one was born or grew up
113. The bill to increase the consumption tax had passed despite much _____ from the public.
n. the act of defending oneself from an aggressor or refusing to accept something
114. The _____ demonstrate that poverty and unemployment are genuine problems.
n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
115. The company's cybersecurity team _____ the CEO to potential threats.
v. to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

ANSWERS: 109. poisonous snakes, 110. AI, 111. tolerate, 112. hometown, 113. resistance, 114. statistics, 115. alerted

116. A defective _____ is responsible for the disease.

- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

117. The angry customer began to _____ when their order was delayed.

- v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion

118. Despite their tragic loss, the family is showing great _____.

- n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people

119. 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

120. Massive demonstrations lead to total _____ of transportation.

- n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

121. Could you help me _____ some furniture?

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

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

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

123. This world-class _____ offers educational programs for school groups.

- n.* a transparent tank of water in which fish and other water animals and plants are kept; a building containing tanks of live fish of different species, especially one that is open to the public

ANSWERS: 116. gene, 117. fume, 118. spirit, 119. disease, 120. paralysis, 121. shift, 122. biology, 123. aquarium

124. 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

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

- adj.* hardworking, diligent, and persistent in effort

126. 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

127. The _____ on the food package lists the ingredients and nutritional information.

- n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

128. The _____ is a serious threat to the farm's output.

- n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

129. They never _____ on development despite the lack of funds.

- v.* to settle a problem or disagreement by mutual concession

130. The _____ bacteria can cause food poisoning if consumed.

- n.* a type of bacterium that belongs to the genus *Vibrio* characterized by their comma-shaped or curved rod morphology

131. I had to call a _____ to fix the leaky faucet in my bathroom.

- n.* a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system

ANSWERS: 124. planet, 125. industrious, 126. cholera, 127. label, 128. moth, 129. compromised, 130. vibrio, 131. plumber

132. _____ contamination in the soil posed a serious health risk to the nearby community.
- n.* a highly toxic chemical compound that is a byproduct of industrial processes, including waste incineration and certain industrial chemical reactions, which are persistent environmental pollutants that can have harmful effects on human health and the environment
133. The _____ of time travel has long fascinated scientists and fiction writers alike.
- n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
134. Certain types of fish contain _____ that can harm humans if ingested.
- n.* a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system
135. I had a terrible case of _____ and couldn't stop going to the bathroom.
- n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
136. Macbeth is a famous _____ by Shakespeare.
- n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
137. How many _____ does the average lion have?
- n.* descendant; any immature animal or plant

ANSWERS: 132. Dioxin, 133. notion, 134. neurotoxins, 135. diarrhea, 136. tragedy, 137. offspring

138. 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

139. The _____ child is often the parents' favorite.

adj. the first child born to a mother

140. The systems we have developed has accepted as industry _____.

n. something that is regarded as usual, typical, or standard

141. The _____ occasionally preaches at this church.

n. a person appointed to or a job of a head of a government department

142. He had a firm _____ on the rope as he climbed the mountain.

n. the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

143. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

144. _____ of fuel discounts is common practice among many retailers.

n. an amount of something obtained via natural growth or addition

145. The news of the pandemic was a _____ reminder of the fragility of human health.

adj. causing fear or alarm, or very surprising and alarming

146. I'm so sorry to _____ you when you're pretty busy.

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 138. fertilizers, 139. firstborn, 140. norms, 141. minister, 142. grip, 143. chemical, 144. Accumulation, 145. frightening, 146. disrupt

147. She has been in great _____ since she was heartbroken.

n. a feeling of great worry, sadness, pain, or discomfort

148. The child began to _____ when he dropped his ice cream cone.

v. to speak or cry in a way that is noisy, emotional, and often difficult to understand; to sob or weep uncontrollably; (noun) a thick layer of fat that lies under the skin of marine mammals such as whales, seals, and walruses

149. Wear a mask when using this chemical to avoid inhaling _____ fumes.

adj. causing or likely to damage or injury to somebody or something,

150. He lived by the wise _____ "honesty is the best policy" and was respected for his straightforward approach.

n. a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim

151. What do you _____ the culprit's motive was?

v. to think that something is likely to be actual or possible

152. The project's _____ made it difficult for the team to complete it on time.

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

153. I regretted making an _____ mistake in my final exam.

adj. causing fear, dread, or terror; very bad or unpleasant

154. The patient died from _____ alcohol intoxication.

adj. extremely sharp or severe

155. The incumbent _____ announced his plans to address the city's homelessness crisis.

n. an elected official who presides over a city or town government

ANSWERS: 147. distress, 148. blubber, 149. harmful, 150. adage, 151. suppose, 152. complexity, 153. awful, 154. acute, 155. mayor

156. Some people have severe allergies to _____ and must avoid them completely.
- n.* a type of legume that grows underground and is widely cultivated and consumed as a food source
157. _____ can cause allergic reactions in certain people.
- n.* water creatures that live in shells, especially one of the types that can be eaten
158. The lowland _____ was full of dangerous animals and poisonous plants.
- n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
159. He was the leader of the demonstrators and spoke out against the war in the front _____.
- n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
160. The Egyptian _____ consist of a vast number of blocks.
- n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
161. He found my English sentences are _____.
- adj.* not in accordance with fact or truth or not accurate
162. The drain was _____ with hair and needed to be cleaned out.
- v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
163. The shape of the DNA _____ is a double helix.
- n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 156. peanuts, 157. Shellfish, 158. swamp, 159. row, 160. pyramids, 161. incorrect, 162. clogged, 163. molecule

164. The horse _____ won first place in the equestrian competition.

- n.* a clause, amendment, or stipulation added to a legal document or bill; a person who rides on or operates a vehicle or animal; a person who travels a specified distance on horseback to deliver a message

165. Getting the hang of _____ at first can be challenging, but with patience and practice, it gets easier.

- n.* the act of feeding a baby with milk produced by the mother's breasts

166. He _____ the letter with hot wax.

- v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

167. Life expectancy has grown _____ this century.

- adv.* in a very impressive manner

168. The economic stimulation program would _____ a lot of new jobs.

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

169. This bar _____ shows sales over the past five years.

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

170. He planted the _____ in the soil and waited for it to sprout.

- n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

171. 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

ANSWERS: 164. rider, 165. breastfeeding, 166. sealed, 167. dramatically, 168. generate, 169. graph, 170. seed, 171. spot

172. They adopted a _____ approach to resolving their differences, emphasizing dialogue and understanding.

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

173. After the party, they had to clean up _____ of dirty dishes.

n. a collection of objects positioned one on top of another; a large sum of something, such as money

174. 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

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

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

176. Cold temperatures and long, dark winters characterize the _____ climate.

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

177. He was alert and could not _____ any critical information out of him.

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

178. The shredder in the print room often has paper _____.

n. a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

ANSWERS: 172. pacific, 173. piles, 174. virus, 175. predator's, 176. arctic, 177. pump, 178. jams

179. The angler used a _____ trap to gather bait for the day's fishing expedition.
- n.* a small freshwater fish, typically measuring between 2-4 inches in length, often used as bait for fishing
180. The sudden drop in the _____ population could negatively affect the local marine food web.
- n.* a small, planktonic crustacean that is a dominant part of the marine zooplankton and serves as a major food source for many aquatic organisms
181. The patient was diagnosed with a _____ disorder affecting their motor skills.
- adj.* of or relating to the science of neurology or the nervous system
182. 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

ANSWERS: 179. minnow, 180. copepod, 181. neurological, 182. toxins