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Vocabulary Builder Reference from...

Cella Wright: This sea creature breathes through its butt | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

fuzzy

adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

synonym : hazy, blurry, indistinct

(1) **fuzzy** logic, (2) **fuzzy** memory

The picture was **fuzzy** because it was taken with an old camera.

ripe

adj. (of fruit or crops) fully developed and ready to be eaten or harvested

synonym : mature, ready, developed

(1) a **ripe** old age, (2) **ripe** tomato

The fruit was **ripe** and ready to eat.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

tube

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

synonym : pipe, hose, duct

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

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

toothpaste

n. a paste or gel used for cleaning the teeth and freshening the breath

synonym : paste, gel, dentifrice

(1) **toothpaste** hygiene product, (2) **toothpaste** tube

I always use mint-flavored **toothpaste** to refresh my mouth in the morning and at night.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym : modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

cucumber

n. a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

(1) a **cucumber** face mask, (2) several varieties of **cucumbers**

I like to slice **cucumber** and put it on my sandwiches.

odd

adj. strange or unexpected; not divisible by two

synonym : strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

toil

v. to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time

synonym : struggle, labor, work hard

(1) **toil** to make a living, (2) **toil** up the mountain

The farmers **toiled** in the fields, harvesting the crops before

the start of the rainy season.

pave

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

synonym : surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road

They **paved** the courtyard with bricks, giving it a more polished appearance.

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**.

thrive

v. to grow vigorously; to make steady progress

synonym : bloom, flourish, prosper

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

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

phylum

n. a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics

synonym : division, group, classification

(1) animal **phylum**, (2) plant **phylum**

Arthropoda is the largest **phylum** in the animal kingdom, comprising insects, spiders, and crustaceans.

urchin

n. a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines

synonym : mischief, waif, guttersnipe

(1) **urchin** child, (2) street **urchin**

The young boy was an **urchin** wandering the streets without a home.

starfish

n. marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor

synonym: sea star, echinoderm, asteroid

(1) **starfish** arm, (2) **starfish** habitat

The **starfish's** unique shape helps it to escape from predators quickly.

radial

adj. of or relating to rays or the radii of a circle; spreading out from a central point

synonym: concentric, central, spoke-like

(1) **radial** symmetry, (2) in a **radial** direction

The **radial** design of the wheel allows for maximum strength and stability.

symmetrical

adj. having similarity in size, shape, and relative position of corresponding parts

synonym: harmonious, balanced, proportional

(1) **symmetrical** triangle, (2) **symmetrical** pattern

This figure is **symmetrical** about the x-axis.

spiny

adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance

synonym: thorny, prickly, bristly

(1) **spiny** shrub, (2) **spiny** lobster

The **spiny** cactus plant was difficult to handle without getting pricked.

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.

invertebrate

n. a class of animals that do not have a backbone; they include insects, worms, and mollusks

synonym : animal, mollusk, worm

(1) **invertebrate** species, (2) study of **invertebrates**

Many species of marine **invertebrates**, such as corals and sponges, are important components of ocean ecosystems.

feathery

adj. having or resembling the soft and delicate feathers of a bird, typically in texture or appearance

synonym : fluffy, plumed, downy

(1) **feathery** fronds, (2) delicate **feathery**

The **feathery** leaves of the plant gently swayed in the breeze.

tentacle

n. a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving

(1) a squid's **tentacle**, (2) posterior **tentacle**

The police caught the fugitive criminal in the **tentacles** of an expanded investigation.

puffy

adj. swollen or distended, especially with air or gas;

synonym : swollen, distended, inflated

(1) **puffy** off-shore winds, (2) **puffy** eyes

His cheeks looked **puffy** after he overate junk food.

bloated

adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink

synonym : swollen, inflated, puffed-up

(1) **bloated** budget, (2) **bloated** feeling

Her stomach was visibly **bloated** after eating a large meal.

balloon

n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

synonym : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

headless

adj. having no head or lacking a head

synonym : decapitated, beheaded

(1) find his **headless** body, (2) **headless** torso

The **headless** corpse was found in the alleyway behind the nightclub.

monster

n. an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

synonym : giant, freak, behemoth

(1) horde of **monsters**, (2) **monster** film

This car has a **monster** engine.

cylinder

n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this

(1) a six- **cylinder** engine, (2) a ventilation **cylinder**

The gas was trapped inside the **cylinders** under high pressure.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

flesh

n. the soft substance composing the body of a person or animal, as opposed to bones and other structures

synonym : meat, muscle, tissue

(1) grow in **flesh**, (2) **flesh** eating

The **flesh** of the fruit is sweet and juicy.

surrounding

adj. that is near or around, or closely encircling something

synonym : circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

tract

n. a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

synonym: region, area, tube

(1) a urinary **tract** infection, (2) a **tract** of virgin forest

The farmer owns a large **tract** of land where he grows corn and soybeans.

bookend

n. an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.

synonym: book stop, end piece, support

(1) wooden **bookend**, (2) **bookend** design

The movie starts and ends with a panoramic shot of the city, serving as a great **bookend** to the story.

adhesive

n. a sticky substance used to hold things together

synonym: sticky, clingy, gluey

(1) **adhesive** ability, (2) **adhesive** tape

You'll need some solid **adhesive** to repair that chair.

scoot

v. to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device

synonym: glide, slide, scurry

(1) **scoot** out of my room, (2) **scoot** over

I have to **scoot** over to the next desk because there's not enough room for me to sit comfortably.

seafloor

n. the bottom of the ocean

synonym: ocean floor, benthic zone, abyssal plain

(1) **seafloor** exploration, (2) **seafloor** mapping

The oceanographer studied the **seafloor** topography to understand how it had changed over time.

specialized

adj. possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function

synonym : technical, expert, skilled

(1) **specialized** knowledge, (2) **specialized** equipment

The hospital has many **specialized** departments, including cardiology and oncology.

respiration

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

synonym : breathing, ventilation

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

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

anus

n. the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum

synonym : rectum, back passage, bottom

(1) **anus** fissure, (2) **anus** hygiene

He felt a pain in his **anus** after a long bike ride.

rhythmic

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

synonym : measured, metrical, cadenced

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

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

contract

n. a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

synonym : agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

internal

adj. of or relating to the inside of something

synonym: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

lung

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

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

He has terminal **lung** cancer.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

respiratory

adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

synonym: breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can

significantly impact a person's quality of life.

extract

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

synonym: excerpt, quote, distillation

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

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

oxygen

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

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

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

seawater

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

synonym: saltwater, brine, ocean water

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

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

crab

n. a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

synonym: crustacean, shellfish, crusty

(1) **crab** cakes, (2) **crab** legs

I ordered a plate of fresh **crab** at the seafood restaurant.

pearlfish

n. a type of fish that lives in coral reefs and burrows into other organisms for shelter or food

(1) venomous **pearlfish**, (2) white-stripe **pearlfish**

Some **pearlfish** species are pests because they harm or kill their hosts.

advantage

n. a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

synonym: benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

dilate

v. to make something wider, larger, or more open

synonym: widen, open, enlarge

(1) **dilate** the bronchial tubes, (2) **dilate** blood vessel

The pupils of the eyes **dilate** in low light.

shimmy

v. to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion

synonym: jiggle, wiggle, shake

(1) **shimmy** dance, (2) **shimmy** through the crowd

She started to **shimmy** her hips to the beat of the music.

shelter

n. a structure built to protect from poor weather, danger, or attack:

synonym: refuge, hideout, lair

(1) rainproof **shelter**, (2) anti-air raid **shelter**

They need food and **shelter**.

rear

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

synonym: back, end, behind

(1) the **rear** gate, (2) **rear** children

The player quickly went to the **rear** side of the defender.

harbor

n. an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession

synonym : port, dock, pier

(1) a sheltered **harbor**, (2) **harbor** a resentment

The tsunami swamped every boat in the **harbor**.

intrude

v. to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something

synonym : impose, obtrude, interlope

(1) **intrude** on his personal space, (2) **intrude** on other people's conversations

The loud music from the party next door **intruded** into my peaceful evening at home.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym : prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

unwanted

adj. not wanted or desired

synonym : undesired, unneeded

(1) **unwanted** attention, (2) **unwanted** guests

He threw away the **unwanted** items in his closet.

outfit

n. a set of clothing worn together, typically for a particular occasion or activity; any cohesive unit such as a company, military, etc.

synonym : ensemble, set, suit

(1) camping **outfit**, (2) a construction **outfit**

I need to buy a new **outfit** for the wedding I'm attending next weekend.

defend

v. to protect someone or something from attack, criticism, danger, etc.

synonym : protect, guard, support

(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

evade

v. to escape from or avoid meeting someone or something

synonym : dodge, avoid, bypass

(1) **evade** capture, (2) **evade** an issue

The jailbroken criminal is continuously attempting to **evade** the cops.

threat

n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym : menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

launch

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

synonym : start, initiate, begin

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

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

counterattack

n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it

synonym : retaliation, reprisal, response

(1) gear up for a **counterattack**, (2) launch a **counterattack**

The company launched a **counterattack** against its rivals with a new marketing campaign.

mutable

adj. liable or subject to change; changeable; capable of being changed or altered

synonym : variable, changeable, unstable

(1) **mutable** opinions, (2) **mutable** weather conditions

The **mutable** nature of technology means that it's constantly evolving and changing.

collagen

n. a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

synonym : gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production

Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

tissue

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

synonym : structure, texture, anatomy

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

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

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

synonym : jelly, goo, paste

(1) **gel** nail polish, (2) antibacterial **gel**

I must use hair **gel** to style my hair for the job interview.

bundle

n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things

synonym : package, parcel, bale

(1) **bundle** of papers, (2) travel **bundle**

I tied up the **bundle** of newspapers and took them to the recycling center.

fibril

n. a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell

synonym : filament, thread, fiber

(1) **fibril** formation, (2) amyloid **fibril**

The doctor found a **fibril** in her patient's blood sample, indicating a possible health issue.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

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

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

slide

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

synonym : glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

stiffen

v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

synonym : harden, solidify, tense

(1) **stiffen** joints, (2) **stiffen** penalties

The cold weather made my muscles **stiffen** up.

versatile

adj. able to do many things in different fields; having many talents

synonym : adaptable, protean, universal

(1) provide a **versatile** solution, (2) a **versatile** writer

He's a **versatile** actor who has acted in various parts.

aid

n. things sent to help countries in need, notably food or money; support

synonym : helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs

Pakistan's **aid** budget was still being reviewed.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym : productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

locomotion

n. the action or ability to move from one place to another

synonym : movement, travel, mobility

(1) **locomotion** system, (2) **locomotion** control

The **locomotion** of the robotic arm was smooth and precise.

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**.

asexual

adj. lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations

synonym : neutral, sexless, unisex

(1) **asexual** community, (2) **asexual** individual

Asexual reproduction is a common trait found in certain species of plants and animals.

split

v. to divide, or to make something divide into two or more parts, especially along a particular line

synonym : break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

explosive

adj. easily able or likely to shatter violently or burst apart; sudden and loud

synonym : volatile, dangerous, fiery

(1) **explosive** device, (2) an **explosive** personality

This container stores an **explosive** substance.

employ

v. to give somebody a job and pay them for it; to make use of

synonym : hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method

When making arrests, police officers frequently **employ** excessive force.

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.

loosen

v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax

synonym : relax, slacken, untie

(1) **loosen** grip, (2) **loosen** knot

Please **loosen** the screws on the back panel so we can access the inside of the machine.

attachment

n. a feeling of affection for someone or something

synonym : adoration, affection, extension

(1) **attachment** to a formal plan, (2) stand mixer fitted with the paddle **attachment**

I have no **attachment** to the countryside.

eviscerate

v. to remove the internal organs of an animal; to severely criticize or attack someone or something

synonym : disembowel, gut, devitalize

(1) **eviscerate** the infected organs, (2) **eviscerate** the movie

The predator **eviscerated** its prey and ate its internal organs.

surprisingly

adv. in a way that causes amazement or wonder

synonym : exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

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.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

startling

adj. extremely surprising, astonishing, and sometimes worrying

synonym : alarming, astonishing, shocking

(1) **startling** earthquake shocks, (2) **startling** discovery
He describes the story with **startling** reality.

distract

v. to draw someone's attention away from what they are trying to do

synonym : divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

innards

n. the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something

synonym : entrails, guts, viscera

(1) animal **innards**, (2) **innards** of a machine

The chef used the **innards** of the fish to make a flavorful broth.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym : adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

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**.

drastic

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

synonym : extreme, fierce, radical

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

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

regenerate

v. to improve or renew an area, institution, system, etc., especially by making it more active or successful

synonym: renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

gut

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

synonym: belly, abdomen, courage

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

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

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

evolve

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

synonym: develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

cumbersome

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

synonym: clumsy, awkward, bulky

(1) **cumbersome** process, (2) a **cumbersome** suitcase
His **cumbersome** writing style made the reader confused.

creature

n. a living being, especially an animal

synonym: being, animal, organism

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

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

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym: nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

seabed

n. the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms

synonym: ocean floor, sea bottom

(1) **seabed** mining, (2) **seabed** habitat

The dense coral reefs on the **seabed** provide a home for various marine life.

shallow

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

synonym: superficial, external, surface

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

Shallow brooks are noisier than deep rivers.

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**.

abyss

n. a deep, dark, or seemingly bottomless chasm or void
synonym : chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness

The deep sea is an **abyss** of mystery and discovery.

trench

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

synonym : aqueduct, ditch, channel

(1) deep-sea **trench**, (2) **trench** excavator

A **trench** was being dug alongside the road by workers.

comprise

v. to include or consist of something; the act of making up or forming something

synonym : consist of, include, be composed of

(1) **comprise** a large percentage, (2) **comprise** the recent past

The team **comprises** players from different countries.

biomass

n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

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

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

sausage

n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices

synonym : bratwurst, wurst, frankfurter

(1) beef **sausage**, (2) German **sausage**

The mother sliced off a piece of **sausage**.

trudge

v. to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously

synonym : plod, slog, hike

(1) **trudge** through mud, (2) **trudge** up the hill

The hiker **trudged** through the dense forest, chopping his way with a machete.

vacuum

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

synonym: void, emptiness, gap

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

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

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym: grit, dust, powder

(1) **sand** dunes, (2) **sand** castle

The **sand** on the beach was warm and golden.

digest

v. to transform food into absorbable substances; break down

synonym: absorb, condense

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

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

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym: biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

excrete

v. to discharge waste matter, such as urine or feces, from the body or a cell or gland

synonym: eliminate, expel, secrete

(1) **excrete** a sticky liquid, (2) **excrete** waste products

The body **excretes** excess salt through urine to maintain proper electrolyte balance.

byproduct

n. a secondary or incidental product produced in the manufacture or synthesis of something else

synonym : side effect, spinoff, outgrowth

(1) toxic **byproducts**, (2) **byproduct** of technology

The **byproduct** of the energy production process is a large amount of carbon dioxide emissions.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

detritus

n. waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

synonym : debris, waste, garbage

(1) **detritus** pile, (2) **detritus** removal

The beach was littered with **detritus** and trash left behind by careless visitors.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

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.

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.

excretion

n. the process of eliminating waste products from the body; the waste products themselves

synonym: elimination, evacuation, secretion

(1) **excretion** system, (2) liquid **excretion**

The body's **excretion** of waste products is essential for maintaining good health.

coral

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

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

She is wearing a **coral** necklace.

buffer

n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

synonym: cushion, shield, insulation

(1) a **buffer** between the quarreling parents, (2) use a **buffer** to reduce noise

Using a password manager can act as a **buffer** against hackers who try to steal your personal information.

environment

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

synonym: atmosphere, surroundings, climate

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

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

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

sandy

adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

synonym : arenaceous, sandlike

(1) miles of **sandy** beaches, (2) **sandy** hair

The rain rapidly soaked into the **sandy** soil.

rejoicing

n. the expression of joy or happiness; a feeling or state of great joy or delight

synonym : celebration, merriment, festivity

(1) sound of **rejoicing**, (2) **rejoicing** family

There was much **rejoicing** among the fans when their team won the championship.

crunch

n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation

synonym : crushing, snapping, crisis

(1) financial **crunch**, (2) a gas **crunch**

The **crunch** of the leaves underfoot was heard as they walked through the park.

grain

n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

synonym : seed, piece, cereal

(1) a **grain** of sand, (2) flour made from **grain**

Ordinary air purifiers cannot adequately remove pollen **grains**.

pickle

n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a

difficult situation

synonym : jam, predicament, quagmire

(1) **pickle** a cucumber, (2) **pickle** barrel

The **pickle** must have an acidity level high enough to inhibit the growth of bacteria.

Session 2: Spelling

- | | |
|-------------------------------|--|
| 1. in_____ct with one another | <i>v.</i> to communicate or react with somebody |
| 2. em_____y job seekers | <i>v.</i> to give somebody a job and pay them for it; to make use of |
| 3. financial cr_____h | <i>n.</i> a loud, crackling noise made by something being crushed or broken; a difficult or critical situation |
| 4. an ex_____ve personality | <i>adj.</i> easily able or likely to shatter violently or burst apart; sudden and loud |
| 5. co__l island | <i>n.</i> a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry |
| 6. stream aci_____ion | <i>n.</i> the act or process of becoming acid or making something become acid |
| 7. in a ra____l direction | <i>adj.</i> of or relating to rays or the radii of a circle; spreading out from a central point |
| 8. a tr__t of virgin forest | <i>n.</i> a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body |
| 9. bl_____d budget | <i>adj.</i> having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink |
| 10. by_____ct of technology | <i>n.</i> a secondary or incidental product produced in the manufacture or synthesis of something else |

ANSWERS: 1. interact, 2. employ, 3. crunch, 4. explosive, 5. coral, 6. acidification, 7. radial, 8. tract, 9. bloated, 10. byproduct

11. ex____e a sticky liquid *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
12. in____e on his personal space *v.* to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
13. ex____e waste products *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
14. tr____h excavator *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
15. lack of ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
16. ur____n child *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
17. bu____e of papers *n.* a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
18. a gr____n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

ANSWERS: 11. excrete, 12. intrude, 13. excrete, 14. trench, 15. oxygen, 16. urchin, 17. bundle, 18. grain

19. res_____on rate *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
20. t__l up the mountain *v.* to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time
21. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
22. att_____nt to a formal plan *n.* a feeling of affection for someone or something
23. de____d my country *v.* to protect someone or something from attack, criticism, danger, etc.
24. sp__t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
25. lo____n knot *v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
26. fe_____ry fronds *adj.* having or resembling the soft and delicate feathers of a bird, typically in texture or appearance
27. fu__y memory *adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

ANSWERS: 19. respiration, 20. toil, 21. sand, 22. attachment, 23. defend, 24. split, 25. loosen, 26. feathery, 27. fuzzy

28. sur_____ng areas *adj.* that is near or around, or closely encircling something
29. mu_____e weather conditions *adj.* liable or subject to change; changeable; capable of being changed or altered
30. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
31. in_____ct directly with customers *v.* to communicate or react with somebody
32. c__b cakes *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
33. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
34. la____h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
35. provide a ve_____le solution *adj.* able to do many things in different fields; having many talents
36. a six-cy_____er engine *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
37. un_____ed attention *adj.* not wanted or desired

ANSWERS: 28. surrounding, 29. mutable, 30. structure, 31. interact, 32. crab, 33. organic, 34. launch, 35. versatile, 36. cylinder, 37. unwanted

38. sh____w people *adj.* not having much distance from the top to the bottom
39. di____ct public opinion *v.* to draw someone's attention away from what they are trying to do
40. in____al organs *adj.* of or relating to the inside of something
41. chemical ad____on *n.* the act or process of adding something to something else; the process of adding numbers
42. several varieties of cu____ers *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
43. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
44. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
45. mo____r film *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful
46. camping ou____t *n.* a set of clothing worn together, typically for a particular occasion or activity; any cohesive unit such as a company, military, etc.
47. 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

ANSWERS: 38. shallow, 39. distract, 40. internal, 41. addition, 42. cucumber, 43. threat, 44. toxic, 45. monster, 46. outfit, 47. reproduce

48. rainproof sh____r *n.* a structure built to protect from poor weather, danger, or attack:
49. st____y weather *adj.* made of or covered with an adhesive substance; hot or warm and humid
50. beef sa____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
51. a gas cr____h *n.* a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
52. as____l individual *adj.* lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations
53. horde of mo____rs *n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful
54. se____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
55. co____se a large percentage *v.* to include or consist of something; the act of making up or forming something
56. t__l to make a living *v.* to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time

ANSWERS: 48. shelter, 49. sticky, 50. sausage, 51. crunch, 52. asexual, 53. monster, 54. seawater, 55. comprise, 56. toil

57. grow in fl__h *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
58. st_____ng earthquake shocks *adj.* extremely surprising, astonishing, and sometimes worrying
59. in_____e on other people's conversations *v.* to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
60. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
61. g_l nail polish *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
62. a cu_____er face mask *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
63. a rh_____ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
64. stand mixer fitted with the paddle att_____nt *n.* a feeling of affection for someone or something
65. g_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

ANSWERS: 57. flesh, 58. startling, 59. intrude, 60. marine, 61. gel, 62. cucumber, 63. rhythmic, 64. attachment, 65. gut

66. o_d behavior *adj.* strange or unexpected; not divisible by two
67. ev__e an issue *v.* to escape from or avoid meeting someone or something
68. a construction ou___t *n.* a set of clothing worn together, typically for a particular occasion or activity; any cohesive unit such as a company, military, etc.
69. fl__h eating *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
70. animal ph___m *n.* a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
71. in an o_d way *adj.* strange or unexpected; not divisible by two
72. di_____ve juices *adj.* relating to or capable of causing or promoting digestion of food
73. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
74. sh_____w water *adj.* not having much distance from the top to the bottom
75. a__s hygiene *n.* the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum
76. cum_____me process *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression

ANSWERS: 66. odd, 67. evade, 68. outfit, 69. flesh, 70. phylum, 71. odd, 72. digestive, 73. protein, 74. shallow, 75. anus, 76. cumbersome

77. 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
78. co____en supplement *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
79. energy-ef_____nt appliances *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
80. apex pr____or *n.* an animal whose natural behavior is to prey on others
81. di___t information *v.* to transform food into absorbable substances; break down
82. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
83. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
84. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 77. shore, 78. collagen, 79. efficient, 80. predator, 81. digest, 82. lung, 83. slide, 84. process

85. de____us removal *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
86. st____n joints *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
87. he____ss torso *adj.* having no head or lacking a head
88. a di____ve enzyme *adj.* relating to or capable of causing or promoting digestion of food
89. sp__y shrub *adj.* covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
90. di____e blood vessel *v.* to make something wider, larger, or more open
91. a sheltered ha____r *n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession
92. sp__y lobster *adj.* covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
93. bi____s energy *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

ANSWERS: 85. detritus, 86. stiffen, 87. headless, 88. digestive, 89. spiny, 90. dilate, 91. harbor, 92. spiny, 93. biomass

94. tr___e up the hill *v.* to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously
95. too_____te tube *n.* a paste or gel used for cleaning the teeth and freshening the breath
96. co_____ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
97. spe_____ed knowledge *adj.* possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function
98. se___d habitat *n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
99. plant ph___m *n.* a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
100. find his he_____ss body *adj.* having no head or lacking a head
101. th___e in a society *v.* to grow vigorously; to make steady progress
102. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again

ANSWERS: 94. trudge, 95. toothpaste, 96. contract, 97. specialized, 98. seabed, 99. phylum, 100. headless, 101. thrive, 102. recycle

103. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
104. venomous pe_____sh *n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
105. co_____se the recent past *v.* to include or consist of something; the act of making up or forming something
106. ba_____n into a severe political problem *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
107. cr_____re of habit *n.* a living being, especially an animal
108. lo___n grip *v.* to make something less tight, firm, or fixed; to free from restraint or constraint; to relax
109. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
110. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
111. turn cattle out to gr___e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
112. st_____sh habitat *n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor

ANSWERS: 103. tissue, 104. pearlfish, 105. comprise, 106. balloon, 107. creature, 108. loosen, 109. evolve, 110. advantage, 111. graze, 112. starfish

113. a cum_____me suitcase *adj.* difficult to handle or use, especially because of being large, heavy, or not effective; not elegant or graceful in expression
114. the blind g_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
115. reg_____te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
116. fu__y logic *adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
117. r__r children *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
118. an ab__s of hopelessness *n.* a deep, dark, or seemingly bottomless chasm or void
119. ra___l symmetry *adj.* of or relating to rays or the radii of a circle; spreading out from a central point
120. ba_____n ride *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
121. ess_____ly correct *adv.* relating to the essential features or concepts of anything
122. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 113. cumbersome, 114. gut, 115. regenerate, 116. fuzzy, 117. rear, 118. abyss, 119. radial, 120. balloon, 121. essentially, 122. advantage

123. fi___l formation *n.* a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell
124. co_____en production *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
125. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
126. become ess_____ly same *adv.* relating to the essential features or concepts of anything
127. financial a_d *n.* things sent to help countries in need, notably food or money; support
128. a r__e old age *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
129. p__e a new path *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
130. the ab__s of time *n.* a deep, dark, or seemingly bottomless chasm or void
131. mu_____e opinions *adj.* liable or subject to change; changeable; capable of being changed or altered
132. a__s fissure *n.* the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum

ANSWERS: 123. fibril, 124. collagen, 125. predator, 126. essentially, 127. aid, 128. ripe, 129. pave, 130. abyss, 131. mutable, 132. anus

133. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
134. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
135. ad_____ve ability *n.* a sticky substance used to hold things together
136. st___y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
137. edible sh_____sh *n.* water creatures that live in shells, especially one of the types that can be eaten
138. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
139. se_____or exploration *n.* the bottom of the ocean
140. spe_____ed equipment *adj.* possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function
141. s__d castle *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
142. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 133. toxic, 134. ecosystem, 135. adhesive, 136. sticky, 137. shellfish, 138. evolve, 139. seafloor, 140. specialized, 141. sand, 142. environment

143. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
144. in_____s of a machine *n.* the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something
145. r__e tomato *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
146. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
147. pi___e barrel *n.* vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation
148. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
149. th___e on pressure *v.* to grow vigorously; to make steady progress
150. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
151. economic th___t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

ANSWERS: 143. ecosystem, 144. innards, 145. ripe, 146. tube, 147. pickle, 148. surprisingly, 149. thrive, 150. tube, 151. threat

152. country-by-country a_d programs *n.* things sent to help countries in need, notably food or money; support
153. un_____ed guests *adj.* not wanted or desired
154. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
155. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
156. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
157. di___e the bronchial tubes *v.* to make something wider, larger, or more open
158. antibacterial g_l *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
159. sh___y through the crowd *v.* to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion

ANSWERS: 152. aid, 153. unwanted, 154. process, 155. lung, 156. respiratory, 157. dilate, 158. gel, 159. shimmy

160. eat or _____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
161. trigger a re _____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
162. a reg _____te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
163. stress pr _____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
164. re __x a series of muscles *v.* to become or cause someone to become less active or tense and calmer
165. chemical re _____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
166. German sa _____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
167. p __e a smoother road *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
168. 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

ANSWERS: 160. organic, 161. reaction, 162. regenerate, 163. protein, 164. relax, 165. reaction, 166. sausage, 167. pave, 168. mechanism

169. sa__y hair *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
170. a urinary tr__t infection *n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
171. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
172. va___m cleaner *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
173. delicate fe____ry *adj.* having or resembling the soft and delicate feathers of a bird, typically in texture or appearance
174. a ventilation cy____er *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
175. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
176. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
177. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 169. sandy, 170. tract, 171. oxygen, 172. vacuum, 173. feathery, 174. cylinder, 175. efficient, 176. equip, 177. equip

178. ha___r a resentment *n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession
179. animal in____s *n.* the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something
180. wooden bo____d *n.* an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
181. help di___t food *v.* to transform food into absorbable substances; break down
182. re_____ng family *n.* the expression of joy or happiness; a feeling or state of great joy or delight
183. 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
184. ad____ve tape *n.* a sticky substance used to hold things together
185. de____us pile *n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas

ANSWERS: 178. harbor, 179. innards, 180. bookend, 181. digest, 182. rejoicing, 183. mechanism, 184. adhesive, 185. detritus

186. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
187. sym_____al pattern *adj.* having similarity in size, shape, and relative position of corresponding parts
188. se_____or mapping *n.* the bottom of the ocean
189. ex_____on system *n.* the process of eliminating waste products from the body; the waste products themselves
190. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
191. sh___y dance *v.* to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion
192. de___d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
193. fuel bi_____s *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
194. amyloid fi___l *n.* a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell
195. co___l ornament *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
196. toxic by_____cts *n.* a secondary or incidental product produced in the manufacture or synthesis of something else

ANSWERS: 186. tissue, 187. symmetrical, 188. seafloor, 189. excretion, 190. humble, 191. shimmy, 192. defend, 193. biomass, 194. fibril, 195. coral, 196. byproduct

197. se___d mining *n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
198. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
199. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
200. the r__r gate *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
201. re_____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
202. sc__t out of my room *v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
203. nu_____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
204. re__x at home *v.* to become or cause someone to become less active or tense and calmer

ANSWERS: 197. seabed, 198. extract, 199. mold, 200. rear, 201. recycle, 202. scoot, 203. nutrient, 204. relax

205. a ve_____le writer *adj.* able to do many things in different fields; having many talents
206. artificial cr_____re *n.* a living being, especially an animal
207. la____h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
208. loc_____on system *n.* the action or ability to move from one place to another
209. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
210. a bu____r between the quarreling parents *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
211. ex_____ve device *adj.* easily able or likely to shatter violently or burst apart; sudden and loud
212. pi____e a cucumber *n.* vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation
213. gear up for a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
214. too_____te hygiene product *n.* a paste or gel used for cleaning the teeth and freshening the breath
215. make dr____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact

ANSWERS: 205. versatile, 206. creature, 207. launch, 208. locomotion, 209. slide, 210. buffer, 211. explosive, 212. pickle, 213. counterattack, 214. toothpaste, 215. drastic

216. c__b legs *n.* a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing
217. use a bu___r to reduce noise *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
218. tr___e through mud *v.* to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously
219. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
220. sp__t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
221. 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
222. in a rh____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
223. deep-sea tr___h *n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

ANSWERS: 216. crab, 217. buffer, 218. trudge, 219. mold, 220. split, 221. shore, 222. rhythmic, 223. trench

224. as_____l community *adj.* lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations
225. artificial res_____on *n.* the process of inhaling and exhaling air to exchange oxygen and carbon dioxide with the environment; the total of the physiological processes by which living organisms metabolize oxygen and release carbon dioxide
226. a squid's te_____le *n.* a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
227. the in_____al economy *adj.* of or relating to the inside of something
228. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
229. di_____ct attention from the real issue *v.* to draw someone's attention away from what they are trying to do
230. st_____ng discovery *adj.* extremely surprising, astonishing, and sometimes worrying
231. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 224. asexual, 225. respiration, 226. tentacle, 227. internal, 228. extract, 229. distract, 230. startling, 231. environment

232. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
233. pu__y off-shore winds *adj.* swollen or distended, especially with air or gas;
234. bl____d feeling *adj.* having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
235. liquid ex_____on *n.* the process of eliminating waste products from the body; the waste products themselves
236. flour made from gr__n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
237. anti-air raid sh_____r *n.* a structure built to protect from poor weather, danger, or attack:
238. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
239. study of inv_____ates *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
240. va___m packing *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
241. loc_____on control *n.* the action or ability to move from one place to another
242. variety of ma___e life *adj.* relating to the sea and the creatures and plants that live there
243. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid

ANSWERS: 232. evolutionary, 233. puffy, 234. bloated, 235. excretion, 236. grain, 237. shelter, 238. nutrient, 239. invertebrate, 240. vacuum, 241. locomotion, 242. marine, 243. acidification

244. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
245. inv_____ate species *n.* a class of animals that do not have a backbone; they include insects, worms, and mollusks
246. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
247. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
248. st_____n penalties *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
249. white-stripe pe_____sh *n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
250. sound of re_____ng *n.* the expression of joy or happiness; a feeling or state of great joy or delight
251. sym_____al triangle *adj.* having similarity in size, shape, and relative position of corresponding parts
252. gr__e the left shoulder *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
253. evis_____te the infected organs *v.* to remove the internal organs of an animal; to severely criticize or attack someone or something
254. street ur____n *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines

ANSWERS: 244. surrounding, 245. invertebrate, 246. evolutionary, 247. seawater, 248. stiffen, 249. pearlfish, 250. rejoicing, 251. symmetrical, 252. graze, 253. eviscerate, 254. urchin

255. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
256. ev__e capture *v.* to escape from or avoid meeting someone or something
257. pu__y eyes *adj.* swollen or distended, especially with air or gas;
258. res_____ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
259. travel bu___e *n.* a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
260. posterior te_____le *n.* a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
261. evi_____te the movie *v.* to remove the internal organs of an animal; to severely criticize or attack someone or something
262. st_____sh arm *n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
263. miles of sa__y beaches *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

ANSWERS: 255. structure, 256. evade, 257. puffy, 258. respiratory, 259. bundle, 260. tentacle, 261. eviscerate, 262. starfish, 263. sandy

264. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
265. sc__t over *v.* to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
266. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
267. employment co_____ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
268. dr_____c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
269. bo_____d design *n.* an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
270. launch a cou_____ack *n.* an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it
271. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
272. 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: 264. addition, 265. scoot, 266. humble, 267. contract, 268. drastic, 269. bookend, 270. counterattack, 271. surprisingly, 272. reproduce

273. em___y a new method

v. to give somebody a job and pay them for it; to make use of

274. sh_____sh allergy

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

ANSWERS: 273. employ, 274. shellfish

Session 3: Fill in the Blanks

1. The chef used the _____ of the fish to make a flavorful broth.
n. the internal organs of a human or animal; the visceral organs, especially the stomach, and intestines; the internal parts of something

2. The _____ must have an acidity level high enough to inhibit the growth of bacteria.
n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation

3. Using a password manager can act as a _____ against hackers who try to steal your personal information.
n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

4. The picture was _____ because it was taken with an old camera.
adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

5. The company launched a _____ against its rivals with a new marketing campaign.
n. an attack made in response to an attack by an enemy or opponent often intended to stop or oppose against it

6. The global community is undergoing _____ changes at present.
adj. radical and extreme; likely to have a significant or far-reaching impact

7. The _____ design of the wheel allows for maximum strength and stability.
adj. of or relating to rays or the radii of a circle; spreading out from a central point

ANSWERS: 1. innards, 2. pickle, 3. buffer, 4. fuzzy, 5. counterattack, 6. drastic, 7. radial

8. _____ reproduction is a common trait found in certain species of plants and animals.
adj. lacking sexual organs or characteristics; not involving or characterized by sexual activity; neither male nor female in gender identity; not operating in a sexual manner or with sexual connotations
9. His cheeks looked _____ after he overate junk food.
adj. swollen or distended, especially with air or gas;
10. The deep sea is an _____ of mystery and discovery.
n. a deep, dark, or seemingly bottomless chasm or void
11. I tied up the _____ of newspapers and took them to the recycling center.
n. a group of things that are tied or wrapped together; a large amount or quantity of something; a package or parcel of things
12. Many species of marine _____ such as corals and sponges, are important components of ocean ecosystems.
n. a class of animals that do not have a backbone; they include insects, worms, and mollusks
13. He felt a pain in his _____ after a long bike ride.
n. the opening at the end of the digestive tract through which feces are discharged; the outlet of the rectum
14. The nobler, the more _____.
adj. having or showing a modest or low estimate of one's quality or importance
15. The team _____ players from different countries.
v. to include or consist of something; the act of making up or forming something

ANSWERS: 8. Asexual, 9. puffy, 10. abyss, 11. bundle, 12. invertebrates, 13. anus, 14. humble, 15. comprises

16. His _____ writing style made the reader confused.

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

17. There was much _____ among the fans when their team won the championship.

n. the expression of joy or happiness; a feeling or state of great joy or delight

18. He told me a _____ truth about my parent's death.

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

19. The _____ leaves of the plant gently swayed in the breeze.

adj. having or resembling the soft and delicate feathers of a bird, typically in texture or appearance

20. The new washing machine is much more _____ than the old one.

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

21. The prime minister canceled visits to other countries to resolve _____ disputes.

adj. of or relating to the inside of something

22. Our natural _____ production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

n. a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

ANSWERS: 16. cumbersome, 17. rejoicing, 18. gut-wrenching, 19. feathery, 20. efficient, 21. internal, 22. collagen

23. 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
24. The dense coral reefs on the _____ provide a home for various marine life.
- n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
25. I always use mint-flavored _____ to refresh my mouth in the morning and at night.
- n.* a paste or gel used for cleaning the teeth and freshening the breath
26. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
27. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
- adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
28. The tsunami swamped every boat in the _____.
- n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession
29. There was a chemical _____ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 23. ecosystem, 24. seabed, 25. toothpaste, 26. recycle, 27. respiratory, 28. harbor, 29. reaction

30. Mushrooms and _____ are fungi.

- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

31. _____ can cause allergic reactions in certain people.

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

32. In _____ private corporations provide healthcare services.

- n.* the act or process of adding something to something else; the process of adding numbers

33. The young boy was an _____ wandering the streets without a home.

- n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines

34. The doctor carefully monitored the patient's _____ during the surgery.

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

35. A nutritious diet improves _____ functions.

- adj.* relating to or capable of causing or promoting digestion of food

36. The jailbroken criminal is continuously attempting to _____ the cops.

- v.* to escape from or avoid meeting someone or something

37. The _____ nature of technology means that it's constantly evolving and changing.

- adj.* liable or subject to change; changeable; capable of being changed or altered

ANSWERS: 30. mold, 31. Shellfish, 32. addition, 33. urchin, 34. respiration, 35. digestive, 36. evade, 37. mutable

38. The _____ corpse was found in the alleyway behind the nightclub.
adj. having no head or lacking a head
39. The satellite _____ slowly ascended into the sky.
n. a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
40. Arthropoda is the largest _____ in the animal kingdom, comprising insects, spiders, and crustaceans.
n. a major group or category of animals or plants characterized by shared physical, developmental, and evolutionary characteristics
41. They need food and _____.
n. a structure built to protect from poor weather, danger, or attack:
42. The hiker _____ through the dense forest, chopping his way with a machete.
v. to walk or march slowly and heavily, typically due to exhaustion, difficulty, or reluctance; to move with effort or laboriously
43. The _____ of the fruit is sweet and juicy.
n. the soft substance composing the body of a person or animal, as opposed to bones and other structures
44. The _____ on the beach was warm and golden.
n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
45. The _____ sound of the drums was mesmerizing.
adj. having a pattern of regular beats or a regular beat; characterized by rhythm

ANSWERS: 38. headless, 39. balloon, 40. phylum, 41. shelter, 42. trudged, 43. flesh, 44. sand, 45. rhythmic

46. The _____ mountains make the city difficult to be invaded.
adj. that is near or around, or closely encircling something
47. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
48. He describes the story with _____ reality.
adj. extremely surprising, astonishing, and sometimes worrying
49. I need to buy a new _____ for the wedding I'm attending next weekend.
n. a set of clothing worn together, typically for a particular occasion or activity; any cohesive unit such as a company, military, etc.
50. Ordinary air purifiers cannot adequately remove pollen _____.
n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
51. The body's _____ of waste products is essential for maintaining good health.
n. the process of eliminating waste products from the body; the waste products themselves
52. The desalination plant turned _____ into drinking water through a complex process.
n. water from the sea or ocean, typically containing salt and various other dissolved minerals
53. International law allows each nation to _____ itself when its rights and interests are illegally violated.
v. to protect someone or something from attack, criticism, danger, etc.

ANSWERS: 46. surrounding, 47. protein, 48. startling, 49. outfit, 50. grains, 51. excretion, 52. seawater, 53. defend

54. The predator _____ its prey and ate its internal organs.

- v.* to remove the internal organs of an animal; to severely criticize or attack someone or something

55. 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

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

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

57. She is wearing a _____ necklace.

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

58. The farmer owns a large _____ of land where he grows corn and soybeans.

- n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

59. The _____ of severe weather prompted the city to issue an evacuation warning.

- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

60. _____ a society is an organism.

- adv.* relating to the essential features or concepts of anything

61. Without investment, a business cannot _____.

- v.* to grow vigorously; to make steady progress

ANSWERS: 54. eviscerated, 55. nutrients, 56. environment, 57. coral, 58. tract, 59. threat, 60. Essentially, 61. thrive

62. The _____ of the leaves underfoot was heard as they walked through the park.
n. a loud, crackling noise made by something being crushed or broken; a difficult or critical situation
63. A peculiar _____ material coated the foliage.
adj. made of or covered with an adhesive substance; hot or warm and humid
64. The mother sliced off a piece of _____.
n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
65. You'll need some solid _____ to repair that chair.
n. a sticky substance used to hold things together
66. The loud music from the party next door _____ into my peaceful evening at home.
v. to enter or to be present in a place or situation where one is not wanted or allowed; to interrupt or disturb someone or something
67. The movie starts and ends with a panoramic shot of the city, serving as a great _____ to the story.
n. an object, often decorative or functional, placed at either end of a row of books on a shelf to help keep them upright and organized; something that serves as the beginning and end of a series or a period of time.
68. Most babies can readily _____ a wide variety of foods.
v. to transform food into absorbable substances; break down
69. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

ANSWERS: 62. crunch, 63. sticky, 64. sausage, 65. adhesive, 66. intruded, 67. bookend, 68. digest, 69. oxygen

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

n. a living being, especially an animal

71. Please _____ the screws on the back panel so we can access the inside of the machine.

v. to make something less tight, firm, or fixed; to free from restraint or constraint; to relax

72. When making arrests, police officers frequently _____ excessive force.

v. to give somebody a job and pay them for it; to make use of

73. The rules were _____ after the new executive arrived.

v. to become or cause someone to become less active or tense and calmer

74. This container stores an _____ substance.

adj. easily able or likely to shatter violently or burst apart; sudden and loud

75. Please use the _____ to clean up the mess on the floor.

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

76. The sheep _____ on the green grass in the meadow.

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

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

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

ANSWERS: 70. creature, 71. loosen, 72. employ, 73. relaxed, 74. explosive, 75. vacuum, 76. graze, 77. slide

78. 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

79. Eyeless fish _____ in dark caves.

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

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

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

81. He threw away the _____ items in his closet.

- adj.* not wanted or desired

82. The construction company _____ the building with an earthquake-resistant device.

- v.* to provide a person or a place with the things that are needed for a particular purpose or activity

83. This car has a _____ engine.

- n.* an imaginary creature that is large and has various human and animal parts; someone or something large and powerful

84. Please don't _____ me while I'm studying.

- v.* to draw someone's attention away from what they are trying to do

85. One of the main _____ of the new product is its increased efficiency.

- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 78. shore, 79. evolved, 80. tissue, 81. unwanted, 82. equipped, 83. monster, 84. distract, 85. advantages

86. The player quickly went to the _____ side of the defender.

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

87. The _____ train was packed with commuters during rush hour.

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

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

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

89. The company signed a _____ with the supplier for the delivery of goods.

n. a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

90. I like to slice _____ and put it on my sandwiches.

n. a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

91. I ordered a plate of fresh _____ at the seafood restaurant.

n. a sea creature with two large claws and a flattened back (e.g., blue crab or king crab); a sour or grumpy person who is prone to complaining or criticizing

92. _____ brooks are noisier than deep rivers.

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

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

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

ANSWERS: 86. rear, 87. tube, 88. marine, 89. contract, 90. cucumber, 91. crab, 92. Shallow, 93. predator's

94. The body _____ excess salt through urine to maintain proper electrolyte balance.
- v. to discharge waste matter, such as urine or feces, from the body or a cell or gland
95. I have to _____ over to the next desk because there's not enough room for me to sit comfortably.
- v. to move or glide along quickly and smoothly on a surface, especially on a scooter or similar device
96. They _____ the courtyard with bricks, giving it a more polished appearance.
- v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
97. A _____ was being dug alongside the road by workers.
- n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water
98. Pakistan's _____ budget was still being reviewed.
- n. things sent to help countries in need, notably food or money; support
99. Companies often _____ their shares to lower the stock price and encourage investors to buy.
- v. to divide, or to make something divide into two or more parts, especially along a particular line
100. The doctor found a _____ in her patient's blood sample, indicating a possible health issue.
- n. a small, thread-like structure, often microscopic, that makes up part of a larger structure, such as a muscle fiber or a nerve cell

ANSWERS: 94. excretes, 95. scoot, 96. paved, 97. trench, 98. aid, 99. split, 100. fibril

101. The gas was trapped inside the _____ under high pressure.
n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
102. The rain rapidly soaked into the _____ soil.
adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
103. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
104. The cold weather made my muscles _____ up.
v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
105. _____ algorithms can find ways to optimize that humans do not anticipate.
adj. relating to or denoting how living things develop or change from earlier forms
106. He has terminal _____ cancer.
n. either of the two organs in the chest that people and some animals use for breathing
107. Her stomach was visibly _____ after eating a large meal.
adj. having an abnormally swollen or enlarged appearance, often due to an accumulation of fluid or excessive consumption of food or drink
108. The farmers _____ in the fields, harvesting the crops before the start of the rainy season.
v. to work hard and persistently; to engage in physically or mentally demanding tasks or activities for extended periods of time

ANSWERS: 101. cylinders, 102. sandy, 103. structure, 104. stiffen, 105. Evolutionary, 106. lung, 107. bloated, 108. toiled

109. The _____ for applying for a visa can be lengthy and complicated.

- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

110. The kidney is an _____ component of the body.

- adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

111. The pupils of the eyes _____ in low light.

- v.* to make something wider, larger, or more open

112. I have no _____ to the countryside.

- n.* a feeling of affection for someone or something

113. Anesthetize the gum before _____ the teeth.

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

114. The hospital has many _____ departments, including cardiology and oncology.

- adj.* possessing or relating to specific knowledge or skills that are unique to a particular field or task; designed or intended for a particular purpose or function

115. The company is set to _____ its new product line next month.

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

ANSWERS: 109. process, 110. organic, 111. dilate, 112. attachment, 113. extracting, 114. specialized, 115. launch

116. The oceanographer studied the _____ topography to understand how it had changed over time.
- n.* the bottom of the ocean
117. I must use hair ____ to style my hair for the job interview.
- n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
118. Some _____ species are pests because they harm or kill their hosts.
- n.* a type of fish that lives in coral reefs and burrows into other organisms for shelter or food
119. The _____ cactus plant was difficult to handle without getting pricked.
- adj.* covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance
120. The fruit was ____ and ready to eat.
- adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
121. The police caught the fugitive criminal in the _____ of an expanded investigation.
- n.* a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
122. She started to _____ her hips to the beat of the music.
- v.* to shake or vibrate rapidly; (noun, of dancing or performing) a movement or technique that involves shaking the hips or shoulders in a rapid, rhythmic motion

ANSWERS: 116. seafloor, 117. gel, 118. pearlfish, 119. spiny, 120. ripe, 121. tentacles, 122. shimmy

123. The _____ of the robotic arm was smooth and precise.
n. the action or ability to move from one place to another
124. The new CEO's primary mission is to _____ the company on the verge of bankruptcy.
v. to improve or renew an area, institution, system, etc., especially by making it more active or successful
125. 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
126. He's a _____ actor who has acted in various parts.
adj. able to do many things in different fields; having many talents
127. He should _____ more with his colleagues.
v. to communicate or react with somebody
128. This chemical compound is a thousand-fold more _____.
adj. of or relating to or caused by a poison; poisonous
129. The exam was _____ tricky for everyone.
adv. in a way that causes amazement or wonder
130. Ocean _____ leads to a decrease in tiny sea snails.
n. the act or process of becoming acid or making something become acid
131. The _____ in a forest can be measured by collecting and weighing all living plants within a specific area.
n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

ANSWERS: 123. locomotion, 124. regenerate, 125. reproduce, 126. versatile, 127. interact, 128. toxic, 129. surprisingly, 130. acidification, 131. biomass

132. The _____ of the energy production process is a large amount of carbon dioxide emissions.
- n.* a secondary or incidental product produced in the manufacture or synthesis of something else
133. This figure is _____ about the x-axis.
- adj.* having similarity in size, shape, and relative position of corresponding parts
134. The beach was littered with _____ and trash left behind by careless visitors.
- n.* waste or debris of any kind, particularly organic matter that has decayed or broken off from larger organisms; figuratively, a collection of disorganized or discarded material or ideas
135. His grandfather was an ____ man.
- adj.* strange or unexpected; not divisible by two
136. The _____ unique shape helps it to escape from predators quickly.
- n.* marine invertebrate that belongs to the phylum Echinodermata, characterized by a five-armed body shape that resembles a star, typically found on or near the seafloor
137. 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

ANSWERS: 132. byproduct, 133. symmetrical, 134. detritus, 135. odd, 136. starfish's, 137. mechanisms