

Englist.me



Vocabulary Builder Reference from...

Mariela Pajuelo and Javier Antonio Quinones: The one thing stopping jellyfish from taking over | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

jellyfish

n. a marine creature with a soft, jelly-like body and tentacles for stinging

synonym: medusa, sea nettle, moon jelly

(1) spineless **jellyfish**, (2) **jellyfish** sting

The beach was filled with hundreds of **jellyfish**, so swimming was not recommended.

overwhelm

v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

synonym: conquer, crush, dominate

(1) he was **overwhelmed** with gratitude, (2) **overwhelm** opponents by numbers

Too much variety may **overwhelm** and confuse viewers.

diver

n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

synonym: plunger, frogman, loon

(1) professional **diver**, (2) deep-sea **diver**

The search and rescue team sent a team of **divers** to search for the missing plane wreckage.

swat

- v. to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with

synonym : slap, smack, hit

(1) expertly **swat** back the ball, (2) **SWAT** operation

I had to **swat** away a fly that was buzzing around my head.

sting

- v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

synonym : bite, prick, poke

(1) **sting** me on the arm, (2) **sting** his face

Bees **sting** as a defense mechanism when they feel threatened.

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**.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

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

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

cluster

- n. a group of similar things or people close together, often forming a distinct mass or unit

synonym : group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym : atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

react

v. to take action in response to something

synonym : respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

clog

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

synonym : block, jam, obstruct

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

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

essential

adj. indispensable; fundamental

synonym : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

gram

n. a metric unit of weight equal to one-thousandth of a kilogram

(1) centimeter- **gram-second** system, (2) **gram** amount

How much is it per one hundred **grams**?

decibel

n. (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

synonym : dB, sound level, volume

(1) **decibel** level, (2) adjust the **decibel**

The concert reached 100 **decibels**, causing many people to cover their ears.

meter

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

synonym: gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym: diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym: horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

fishery

n. an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish

synonym: fishing, piscary, angling

(1) **fishery** management, (2) commercial **fishery**

The majority of the people on the island are **fishery** folk.

snap

v. to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands

synonym: break, crack, fracture

(1) **snap** a whip, (2) **snap** judgment

She **snapped** a quick picture of the beautiful sunset before it

disappeared.

devour

v. to eat or consume something eagerly or ravenously; or to destroy something rapidly

synonym: consume, swallow, destroy

(1) **devour** a meal, (2) **devour** my way

She **devoured** the mystery novel in one sitting.

voracious

adj. having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something

synonym: ravenous, insatiable, greedy

(1) **voracious** thirst, (2) **voracious** reader

The **voracious** appetite of the teenager was legendary.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

routinely

adv. on a regular or habitual basis; in a manner that is customary or expected

synonym: habitually, regularly, customarily

(1) **routinely** check, (2) **routinely** scheduled maintenance

They **routinely** conduct fire drills to ensure everyone in the building knows what to do in an emergency.

undermine

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame,

confidence, or authority less effective or weaker
gradually

synonym: damage, subvert, weaken

(1) **undermine** a good relationship, (2) **undermine** their adversary's reputation

They tried to **undermine** her position by slandering her.

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.

outcompete

v. to be more successful in competition than someone or something

synonym: outperform, outdo, surpass

(1) **outcompete** peers, (2) **outcompete** domestic producers

To **outcompete** its rivals, the company invested heavily in research and development.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

trajectory

n. the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

gelatinous

adj. having the texture of jelly; having a translucent, jelly-like consistency

synonym: jelly-like, viscous, slippery

(1) **gelatinous** texture, (2) **gelatinous** substance

The jellyfish's body was transparent and **gelatinous**, making it difficult to see in the water.

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.

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**.

ancient

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

synonym: archaic, age-old, obsolete

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

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

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.

prey

n. the object of a hunt; an animal hunted or trapped for eating

synonym: target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists

The majority of snakes swallow their **prey** whole.

leather

n. a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items

synonym : hide, skin, suede

(1) enameled **leather**, (2) **leather** boots

The **leather** jacket was worn in but still comfortable.

exclusive

adj. not divided or shared with others

synonym : sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs

The condo offers **exclusive** access to the beach.

metric

adj. using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic

synonym : metrical, measured

(1) **metric** units, (2) key performance **metrics**

In the **metric** system, measurements are made in meters and liters.

roughly

adv. approximately but not precisely; with a violent manner

synonym : approximately, more or less, around

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

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

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym : duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

calorie

n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

(1) **calorie** calculation, (2) reduce my **calorie** intake

It would be best if you burned off **calories** through vigorous exercise.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

grand

adj. important and large in size, scope, or extent

synonym: impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

selective

adj. relating to or involving only a small number of a larger group of people or things

synonym: choosy, demanding, finicky

(1) the process of **selective** breeding, (2) **selective** readers

This medication is **selective** in its effects.

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.

gonad

n. a reproductive organ that produces gametes, such as testes in males or ovaries in females

synonym: testes, ovary, reproductive gland

(1) **gonad** development, (2) reproductive **gonad**

Certain chemicals can disrupt the proper functioning of **gonads**, leading to reproductive problems.

mow

v. to cut down and trim grass or other vegetation, usually with a machine such as a lawnmower; to cut down or harvest crops

synonym: cut, trim, clip

(1) **mow** the field, (2) **mow** a yard

My father likes to **mow** the lawn early on Saturday mornings.

swath

n. a strip of land, especially a long, narrow one; a large amount or quantity of something

synonym: strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a vast **swath** of the population.

unsuspecting

adj. unaware of the presence of danger; not suspicious

synonym: unaware, unassuming, gullible

(1) **unsuspecting** boys and girls, (2) **unsuspecting** victim

The thief stole the wallet from the **unsuspecting** tourist.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

defenseless

adj. without protection or defense, vulnerable

synonym: vulnerable, helpless, powerless

(1) **defenseless** against crime, (2) a **defenseless** city

The small animal was **defenseless** against its predators, with no means of protection.

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.

venomous

adj. extremely poisonous or injurious; containing or producing venom; marked by deep ill will

synonym: poisonous, toxic, lethal

(1) the **venomous** jellyfish's sting, (2) have **venomous** eyes

The **venomous** snake bit him, causing him to go into shock.

harpoon

n. a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon

synonym: spear, lance, arrow

(1) **harpoon** fishing, (2) **harpoon** the giant octopus

The whaling industry declined as countries began to ban the use of **harpoons**

coil

v. to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern

synonym: twist, wind, loop

(1) **coil** wire, (2) **coil** an arm

She carefully **coiled** the rope so that it wouldn't tangle.

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.

barb

n. a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult;

a type of fishing lure that has small hooks and a brightly colored feather or hair

synonym : spine, barbed remark, sting

(1) **barb** wire, (2) aim a **barb**

The politician's words were full of **barbs** designed to hurt his opponent.

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.

nematocyst

n. a specialized stinging cell found in the tentacles of cnidarians, such as jellyfish and sea anemones, used for protection and capturing prey

synonym : cnidocyst, stinging cell, nematocyte

(1) **nematocyst** discharge, (2) **nematocyst** injection

The **nematocysts** on jellyfish tentacles can cause a painful sting.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air

The animal rights group worked to **release** the dolphins back into the wild.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym : immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

irritate

v. to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore

synonym : annoy, vex, bother

(1) **irritate** skin, (2) **irritate** my partner

The sound of his chewing loudly **irritates** me during dinner.

would-be

adj. indicating a person who aspires or attempts to be something but has not yet achieved that status or position

synonym : aspiring, wannabe, potential

(1) **would-be** actor, (2) **would-be** entrepreneur

The **would-be** burglar was caught on the security camera and arrested by the police.

intruder

n. someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something

synonym : trespasser, intruder, interloper

(1) illegal **intruder**, (2) infrared **intruder** system

The homeowner called the police when they spotted an **intruder** in their backyard.

useless

adj. not serving any useful purpose; having no practical result

synonym : ineffectual, unhelpful, worthless

(1) **useless** information, (2) **useless** in the kitchen

The old, rusty tools were now **useless** and had to be thrown away.

reptile

n. a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

synonym : lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

keratin

n. a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers

synonym : ceratin

(1) **keratin** treatment, (2) **keratin** protein

Keratosis is a skin condition characterized by the formation of excess **keratin** on the skin's surface

nail

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

synonym : pin, tack, fastener

(1) rusty **nail**, (2) **nail** clipper

He used a hammer and round **nail** to fix the loose board on the fence.

claw

n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

synonym : paw, talon, nail

(1) **claw** marks, (2) **claw** hammer

The bear used its **claw** to catch a fish in the river.

armor

n. a protective covering made of metal or other durable materials, worn to guard against injury or damage

synonym : shield, protection, plate

(1) **armor** plates, (2) protective **armor**

The knights wore heavy **armor** for protection during battle.

hunt

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

synonym : chase, pursuit, quest

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

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

capture

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

synonym : catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

imp

n. a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore

synonym : demon, sprite, mischievous child

(1) a little **imp**, (2) behave like an **imp**

The mischievous **imp** caused trouble wherever it went.

spike

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

synonym : end, spindle, point

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

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

esophagus

n. the muscular tube that connects the mouth and throat to the stomach, which allows food to pass through

synonym : gullet, throat, food pipe

(1) **esophagus** reflux, (2) upper **esophagus**

The tumor in her **esophagus** was causing her difficulty in eating and drinking.

adaptation

n. the action or process of changing to suit different conditions

synonym : adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly

effective.

individual

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

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

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

population

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

synonym : people, inhabitants, folk

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

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

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.

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.

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.

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.

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.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

tropical

adj. originating in, located in, or characteristic of the tropics

synonym : equatorial, tropic

(1) **tropical** cyclones, (2) **tropical** islands

Tropical storm Marco is making his way along the coast of Florida.

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**.

constantly

adv. all the time

synonym : continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

temperate

adj. mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

synonym : moderate, mild, genial

(1) **temperate** grassland, (2) **temperate** behavior

The **temperate** climate of the region made it an ideal vacation spot.

climate

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

synonym : atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

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

bloom

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

synonym : blossom, flush, flower

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

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

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym : boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

alarming

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

synonym : forbidding, concerning, disturbing

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

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

humanity

n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

synonym : humankind, society, human race

(1) **humanity** at large, (2) mass of **humanity**

They donated large sums of money for the development of **humanity**.

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym : manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

runoff

n. the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome

synonym : drainage, overspill, overflow

(1) agricultural **runoff**, (2) primary **runoff** election

Industrial **runoff** and wind-blown debris are prime examples of pollution.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

simultaneously

adv. at the same time

synonym : concurrently, coincidentally, together

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

simultaneously

Two students answered the teacher's question

simultaneously.

prompt

v. to make someone decide to or try to do something, or to make something happen

synonym : actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

temperature

n. the degree of hotness or coldness of a thing or place

synonym : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric

temperature

Cities around the world set records for highest **temperatures** this summer.

reproduction

n. the process by which organisms create offspring; the production of something similar to an original work

synonym : procreation, replication, duplication

(1) **reproduction** rate, (2) **reproduction** system

The **reproduction** of the plant depends on the pollinators.

extend

v. to broaden in scope, range, or area

synonym : prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

reproductive

adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants

synonym : procreative, generative

(1) **reproductive** ability, (2) during **reproductive** period

This documentary deals with the **reproductive** biology of the buffalo.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

pollution

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

synonym : corrosion, deterioration, corruption

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

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

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

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

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

polyp

n. (of zoology) a small, typically sessile, marine animal with a hollow, cylindrical body and tentacles surrounding a central mouth, often found in colonies and sometimes forming coral reefs; (of gastroenterology) an abnormal tissue growth that can occur in the colon, rectum, or other parts of the gastrointestinal tract

synonym : polypus, hydra, anemone

(1) the **polyp** on the hydra's tentacle, (2) gastric **polyp**

The coral reef was home to various **polyps** and other sea creatures.

attach

v. to fasten, join, or connect one thing to another
synonym: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail
He does not **attach** importance to these rumors.

policy

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

synonym: strategy, plan, guideline

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

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

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.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

gill

n. a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide

synonym: respiratory organ, lung

(1) **gill** slits, (2) **gill** apparatus

The fish's **gills** are necessary for extracting oxygen from the water.

unintentional

adj. not done or made on purpose; accidental

synonym : accidental, unforeseen, spontaneous

(1) avoid **unintentional** harm, (2) **unintentional** insult

The mistake was **unintentional** and made in good faith.

pacific

adj. peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone;

(noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

synonym : calm, peaceful, tranquil

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

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

extinction

n. the complete disappearance of a species from the earth

synonym : disappearance, eradication, annihilation

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

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

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

develop

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

synonym : evolve, progress, advance

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

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

inexpensive

adj. costing little; having a low price

synonym: cheap, affordable, economical

(1) **inexpensive** option, (2) an **inexpensive** inn

The restaurant offered delicious food at an **inexpensive** price.

minimize

v. to make something, especially something bad, small or less serious

synonym: diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

dolphin

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

synonym: porpoise, cetacean, marine mammal

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

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

seabird

n. a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals

synonym: seafowl, oceanic bird

(1) **seabird** migration, (2) **seabird** nesting

The fishermen were alarmed to see a flock of **seabirds** circling above the water.

gear

n. a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

synonym: equipment, tools, apparatus

(1) sports **gear**, (2) a **gear** change lever

She checked her **gear** before embarking on the hike.

Session 2: Spelling

1. 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
2. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
3. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
4. tr_____al islands *adj.* originating in, located in, or characteristic of the tropics
5. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
6. a gr__d meal *adj.* important and large in size, scope, or extent
7. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
8. to prevent blood sugar sp__es *n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
9. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 1. structure, 2. construct, 3. communal, 4. tropical, 5. diameter, 6. grand, 7. ancient, 8. spike, 9. mechanism

- | | |
|--------------------------------|---|
| 10. less fo_____te person | <i>adj.</i> having good luck or lucky |
| 11. have ve_____us eyes | <i>adj.</i> extremely poisonous or injurious; containing or producing venom; marked by deep ill will |
| 12. re_____ce by myself | <i>v.</i> to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process |
| 13. a little i_p | <i>n.</i> a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore |
| 14. effects of cl_____e change | <i>n.</i> the weather in a particular location averaged over some long period |
| 15. bl__m in autumn | <i>n.</i> a flower, especially one having showy or colorful parts; the best time of youth |
| 16. reproductive go__d | <i>n.</i> a reproductive organ that produces gametes, such as testes in males or ovaries in females |
| 17. g__m amount | <i>n.</i> a metric unit of weight equal to one-thousandth of a kilogram |
| 18. ca_____e a glimpse | <i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape |
| 19. de___d my country | <i>v.</i> to protect someone or something from attack, criticism, danger, etc. |
| 20. pr___t a debate | <i>v.</i> to make someone decide to or try to do something, or to make something happen |

ANSWERS: 10. fortunate, 11. venomous, 12. reproduce, 13. imp, 14. climate, 15. bloom, 16. gonad, 17. gram, 18. capture, 19. defend, 20. prompt

21. the Pa____c Ocean *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions
22. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
23. c__g artery *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
24. ma_____e stars *adj.* enormous amount; very heavy and solid
25. g__l apparatus *n.* a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide
26. rep_____ive ability *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
27. not no_____ly drink much *adv.* usually; under normal conditions
28. ro_____ly scheduled maintenance *adv.* on a regular or habitual basis; in a manner that is customary or expected
29. hu_____ty at large *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
30. a tra_____ry missile *n.* the curved path followed by an object moving through space

ANSWERS: 21. pacific, 22. pollution, 23. clog, 24. massive, 25. gill, 26. reproductive, 27. normally, 28. routinely, 29. humanity, 30. trajectory

31. 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
32. ex_____ve authority *adj.* not divided or shared with others
33. apex pr_____or *n.* an animal whose natural behavior is to prey on others
34. pa_____ze a city *v.* to cause a person or part of the body to become unable to move or feel
35. ro_____ly check *adv.* on a regular or habitual basis; in a manner that is customary or expected
36. re_____e exhibition *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
37. ir_____te my partner *v.* to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore
38. a con_____ly innovative enterprise *adv.* all the time
39. professional di__r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
40. de__r my way *v.* to eat or consume something eagerly or ravenously; or to destroy something rapidly
41. a large sw__h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

ANSWERS: 31. structure, 32. exclusive, 33. predator, 34. paralyze, 35. routinely, 36. reptile, 37. irritate, 38. constantly, 39. diver, 40. devour, 41. swath

42. ar__r plates *n.* a protective covering made of metal or other durable materials, worn to guard against injury or damage
43. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
44. the po__p on the hydra's tentacle *n.* (of zoology) a small, typically sessile, marine animal with a hollow, cylindrical body and tentacles surrounding a central mouth, often found in colonies and sometimes forming coral reefs; (of gastroenterology) an abnormal tissue growth that can occur in the colon, rectum, or other parts of the gastrointestinal tract
45. a sw__h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
46. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
47. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
48. sim_____sly affected *adv.* at the same time
49. te_____te grassland *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

ANSWERS: 42. armor, 43. introduction, 44. polyp, 45. swath, 46. pollution, 47. environment, 48. simultaneously, 49. temperate

50. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
51. 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
52. ir_____te skin *v.* to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore
53. ind_____al freedom *n.* a single person or thing, as distinct from a group
54. behave like an i_p *n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
55. es_____us reflux *n.* the muscular tube that connects the mouth and throat to the stomach, which allows food to pass through
56. the process of se_____ve breeding *adj.* relating to or involving only a small number of a larger group of people or things
57. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
58. locust sw___m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
59. nem_____st injection *n.* a specialized stinging cell found in the tentacles of cnidarians, such as jellyfish and sea anemones, used for protection and capturing prey

ANSWERS: 50. marine, 51. protein, 52. irritate, 53. individual, 54. imp, 55. esophagus, 56. selective, 57. evolve, 58. swarm, 59. nematocyst

60. expertly s__t back the ball
- v. to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with
61. do_____n-watching tour
- n. a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
62. career tra_____ry
- n. the curved path followed by an object moving through space
63. foreign po____y
- n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
64. de_____p a strategy
- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
65. s__p judgment
- v. to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands

ANSWERS: 60. SWAT, 61. dolphin, 62. trajectory, 63. policy, 64. develop, 65. snap

66. rem_____le achievement *adj.* worthy of attention because unusual or special
67. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
68. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
69. 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
70. spineless je_____sh *n.* a marine creature with a soft, jelly-like body and tentacles for stinging
71. aim a b__b *n.* a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair
72. a gas me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
73. go__d development *n.* a reproductive organ that produces gametes, such as testes in males or ovaries in females

ANSWERS: 66. remarkable, 67. nuclear, 68. nail, 69. launch, 70. jellyfish, 71. barb, 72. meter, 73. gonad

74. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
75. re_____e a prisoner *v.* to set free or allow to escape from confinement
76. fr_____nt use *adj.* happening constantly
77. 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
78. st__g me on the arm *v.* to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick
79. primary ru___f election *n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
80. vo_____us thirst *adj.* having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something
81. s__p a whip *v.* to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands
82. al_____ng statistics *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
83. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 74. dramatically, 75. release, 76. frequent, 77. protein, 78. sting, 79. runoff, 80. voracious, 81. snap, 82. alarming, 83. ancient

84. at___h a file to an e-mail *v.* to fasten, join, or connect one thing to another
85. a private ind_____al *n.* a single person or thing, as distinct from a group
86. es_____al amino acid *adj.* indispensable; fundamental
87. labor pop_____on *n.* the total number of people in a country, region, or location
88. health po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
89. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
90. a def_____ss city *adj.* without protection or defense, vulnerable
91. cr_____re of habit *n.* a living being, especially an animal
92. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
93. gr___d bargain *adj.* important and large in size, scope, or extent

ANSWERS: 84. attach, 85. individual, 86. essential, 87. population, 88. policy, 89. develop, 90. defenseless, 91. creature, 92. environment, 93. grand

94. c__w hammer *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
95. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
96. se____d nesting *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
97. fo____te situation *adj.* having good luck or lucky
98. a cl____r of stars *n.* a group of similar things or people close together, often forming a distinct mass or unit
99. nem____st discharge *n.* a specialized stinging cell found in the tentacles of cnidarians, such as jellyfish and sea anemones, used for protection and capturing prey
100. se____d migration *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
101. 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

ANSWERS: 94. claw, 95. numb, 96. seabird, 97. fortunate, 98. cluster, 99. nematocyst, 100. seabird, 101. asexual

102. out_____te domestic producers *v.* to be more successful in competition than someone or something
103. infrared in_____er system *n.* someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something
104. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
105. during rep_____ive period *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
106. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
107. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
108. brink of ext_____on *n.* the complete disappearance of a species from the earth
109. es_____al commodities of life *adj.* indispensable; fundamental
110. pop_____on change *n.* the total number of people in a country, region, or location
111. way to mi_____ze conflict *v.* to make something, especially something bad, small or less serious
112. commercial fi_____y *n.* an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
113. upper es_____us *n.* the muscular tube that connects the mouth and throat to the stomach, which allows food to pass through

ANSWERS: 102. outcompete, 103. intruder, 104. remarkable, 105. reproductive, 106. multiply, 107. predator, 108. extinction, 109. essential, 110. population, 111. minimize, 112. fishery, 113. esophagus

114. ine_____ve option *adj.* costing little; having a low price
115. take several inputs sim_____sly *adv.* at the same time
116. pa_____ze a person *v.* to cause a person or part of the body to become unable to move or feel
117. language ada_____on *n.* the action or process of changing to suit different conditions
118. ha_____n fishing *n.* a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon
119. us_____s in the kitchen *adj.* not serving any useful purpose; having no practical result
120. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
121. su_____e a plane crash *v.* to live or exist despite a dangerous event or period
122. variety of ma_____e life *adj.* relating to the sea and the creatures and plants that live there
123. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
124. an ine_____ve inn *adj.* costing little; having a low price
125. he was ov_____lmed with gratitude *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

ANSWERS: 114. inexpensive, 115. simultaneously, 116. paralyze, 117. adaptation, 118. harpoon, 119. useless, 120. fertilizer, 121. survive, 122. marine, 123. maintain, 124. inexpensive, 125. overwhelm

126. live in a cl____r
n. a group of similar things or people close together, often forming a distinct mass or unit
127. 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
128. fr____nt absence
adj. happening constantly
129. mass of hu____ty
n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
130. m_w the field
v. to cut down and trim grass or other vegetation, usually with a machine such as a lawnmower; to cut down or harvest crops
131. a squid's te____le
n. a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
132. agricultural ru____f
n. the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
133. at____h firmly
v. to fasten, join, or connect one thing to another
134. c__g a filter
v. to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

ANSWERS: 126. cluster, 127. threat, 128. frequent, 129. humanity, 130. mow, 131. tentacle, 132. runoff, 133. attach, 134. clog

135. le____r boots *n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
136. mi____ze a loss *v.* to make something, especially something bad, small or less serious
137. ro____y explain my idea *adv.* approximately but not precisely; with a violent manner
138. avoid uni_____nal harm *adj.* not done or made on purpose; accidental
139. fossil re____e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
140. vo____us reader *adj.* having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something
141. deep-sea di__r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
142. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
143. adjust the de____l *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale
144. la__a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

ANSWERS: 135. leather, 136. minimize, 137. roughly, 138. unintentional, 139. reptile, 140. voracious, 141. diver, 142. hunt, 143. decibel, 144. larva

145. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
146. a ch_____al compound *adj.* relating to or connected with chemistry;
147. 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
148. a g__r change lever *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
149. ca_____e calculation *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
150. li_____an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
151. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
152. un_____ne a good relationship *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

ANSWERS: 145. fertilizer, 146. chemical, 147. asexual, 148. gear, 149. calorie, 150. lifespan, 151. diameter, 152. undermine

153. key performance me___cs *adj.* using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic
154. a cold cl____e *n.* the weather in a particular location averaged over some long period
155. toxic ch____als *adj.* relating to or connected with chemistry;
156. de___r a meal *v.* to eat or consume something eagerly or ravenously; or to destroy something rapidly
157. protective ar__r *n.* a protective covering made of metal or other durable materials, worn to guard against injury or damage
158. ke____n treatment *n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers
159. do____n show *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
160. mu____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
161. de____l level *n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 153. metric, 154. climate, 155. chemical, 156. devour, 157. armor, 158. keratin, 159. dolphin, 160. multiply, 161. decibel

162. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
163. 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
164. m_w a yard *v.* to cut down and trim grass or other vegetation, usually with a machine such as a lawnmower; to cut down or harvest crops
165. pr____t a feeling of hunger *v.* to make someone decide to or try to do something, or to make something happen
166. b__b wire *n.* a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair
167. ov_____lm opponents by numbers *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
168. uns_____ing victim *adj.* unaware of the presence of danger; not suspicious
169. uns_____ing boys and girls *adj.* unaware of the presence of danger; not suspicious
170. wo_____be entrepreneur *adj.* indicating a person who aspires or attempts to be something but has not yet achieved that status or position

ANSWERS: 162. maintain, 163. launch, 164. mow, 165. prompt, 166. barb, 167. overwhelm, 168. unsuspecting, 169. unsuspecting, 170. would-be

171. uni_____nal insult *adj.* not done or made on purpose; accidental
172. black-and-white bl__ms *n.* a flower, especially one having showy or colorful parts; the best time of youth
173. ex___d the warranty *v.* to broaden in scope, range, or area
174. 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
175. rusty n__l *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
176. me___c units *adj.* using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic
177. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
178. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
179. illegal in_____er *n.* someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something
180. 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: 171. unintentional, 172. bloom, 173. extend, 174. reproduce, 175. nail, 176. metric, 177. temperature, 178. roughly, 179. intruder, 180. grain

181. ca____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
182. S__T operation *v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with
183. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
184. us_____s information *adj.* not serving any useful purpose; having no practical result
185. un_____ne their adversary's reputation *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
186. de___d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
187. ke_____n protein *n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers
188. re__t against his way of thinking *v.* to take action in response to something

ANSWERS: 181. capture, 182. swat, 183. temperature, 184. useless, 185. undermine, 186. defend, 187. keratin, 188. react

189. reduce my ca_____e intake *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
190. c__l an arm *v.* to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern
191. te_____te behavior *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
192. def_____ss against crime *adj.* without protection or defense, vulnerable
193. al_____ng news *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
194. 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
195. hu____e opinion *adj.* having or showing a modest or low estimate of one's quality or importance

ANSWERS: 189. calorie, 190. coil, 191. temperate, 192. defenseless, 193. alarming, 194. threat, 195. humble

196. se_____ve readers *adj.* relating to or involving only a small number of a larger group of people or things
197. enameled le_____r *n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
198. 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
199. out_____te peers *v.* to be more successful in competition than someone or something
200. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
201. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
202. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
203. 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
204. gel_____us texture *adj.* having the texture of jelly; having a translucent, jelly-like consistency
205. the ve_____us jellyfish's sting *adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will
206. st__g his face *v.* to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

ANSWERS: 196. selective, 197. leather, 198. mechanism, 199. outcompete, 200. humble, 201. lifespan, 202. consume, 203. grain, 204. gelatinous, 205. venomous, 206. sting

207. he confessed dra_____lly *adv.* in a very impressive manner
208. a moth la__a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
209. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
210. ex_____ve clubs *adj.* not divided or shared with others
211. complete no_____ly *adv.* usually; under normal conditions
212. wo_____be actor *adj.* indicating a person who aspires or attempts to be something but has not yet achieved that status or position
213. c__l wire *v.* to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern
214. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating
215. ext_____on prevention *n.* the complete disappearance of a species from the earth
216. je_____sh sting *n.* a marine creature with a soft, jelly-like body and tentacles for stinging
217. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
218. rep_____ion system *n.* the process by which organisms create offspring; the production of something similar to an original work

ANSWERS: 207. dramatically, 208. larva, 209. release, 210. exclusive, 211. normally, 212. would-be, 213. coil, 214. prey, 215. extinction, 216. jellyfish, 217. survive, 218. reproduction

219. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
220. ma_____e amounts *adj.* enormous amount; very heavy and solid
221. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
222. a con_____ly varying mind *adv.* all the time
223. ada_____on ability *n.* the action or process of changing to suit different conditions
224. ex___d a line *v.* to broaden in scope, range, or area
225. gel_____us substance *adj.* having the texture of jelly; having a translucent, jelly-like consistency
226. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
227. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
228. rep_____ion rate *n.* the process by which organisms create offspring; the production of something similar to an original work
229. pa_____c-natured disposition *adj.* peaceful in character or intent; tending to lessen or avoid conflict; calm or soothing in manner or tone; (noun, as "Pacific") the largest and deepest of Earth's oceanic divisions

ANSWERS: 219. numb, 220. massive, 221. evolve, 222. constantly, 223. adaptation, 224. extend, 225. gelatinous, 226. consume, 227. introduction, 228. reproduction, 229. pacific

230. artificial cr____re	<i>n.</i> a living being, especially an animal
231. co_____ct a dam	<i>v.</i> to build or create something; to assemble or combine different parts to form something whole
232. fi_____y management	<i>n.</i> an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
233. to sp__e	<i>n.</i> a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
234. a sw__m of mosquitoes	<i>n.</i> a group of many things, such as insects, fishes, etc., in the air or water or on the ground
235. posterior te_____le	<i>n.</i> a flexible, mobile, and long arm-like organ used for feeling and holding things, catching food, or moving
236. poetic me__r	<i>n.</i> a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
237. co_____al combination of funds	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
238. tr_____al cyclones	<i>adj.</i> originating in, located in, or characteristic of the tropics
239. c__w marks	<i>n.</i> a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

ANSWERS: 230. creature, 231. construct, 232. fishery, 233. spike, 234. swarm, 235. tentacle, 236. meter, 237. communal, 238. tropical, 239. claw

240. h__t a job *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
241. sports g__r *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
242. ha____n the giant octopus *n.* a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon
243. re__t at a high temperature *v.* to take action in response to something
244. g__l slits *n.* a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide
245. centimeter-g__m-second system *n.* a metric unit of weight equal to one-thousandth of a kilogram
246. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
247. gastric po__p *n.* (of zoology) a small, typically sessile, marine animal with a hollow, cylindrical body and tentacles surrounding a central mouth, often found in colonies and sometimes forming coral reefs; (of gastroenterology) an abnormal tissue growth that can occur in the colon, rectum, or other parts of the gastrointestinal tract

ANSWERS: 240. hunt, 241. gear, 242. harpoon, 243. react, 244. gill, 245. gram, 246. nuclear, 247. polyp

248. p__y of beast

n. the object of a hunt; an animal hunted or trapped for eating

ANSWERS: 248. prey

Session 3: Fill in the Blanks

1. To _____ its rivals, the company invested heavily in research and development.
v. to be more successful in competition than someone or something
2. The majority of the people on the island are _____ folk.
n. an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
3. The _____ snake bit him, causing him to go into shock.
adj. extremely poisonous or injurious; containing or producing venom; marked by deep ill will
4. How did he _____ to your idea?
v. to take action in response to something
5. The recent _____ in grain prices is partly due to the war in the producing countries.
n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
6. The thief stole the wallet from the _____ tourist.
adj. unaware of the presence of danger; not suspicious
7. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
8. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 1. outcompete, 2. fishery, 3. venomous, 4. react, 5. spike, 6. unsuspecting, 7. chemical, 8. capture

9. This year's _____ gathering will be held in Canada.

adj. important and large in size, scope, or extent

10. The fish's _____ are necessary for extracting oxygen from the water.

n. a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide

11. He _____ hypotheses that no mathematician has ever imagined before.

v. to build or create something; to assemble or combine different parts to form something whole

12. This documentary deals with the _____ biology of the buffalo.

adj. connected with the process of reproduction; relating to reproducing babies, young animals, or plants

13. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

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

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

15. _____ 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

16. 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

ANSWERS: 9. grand, 10. gills, 11. constructs, 12. reproductive, 13. roughly, 14. predator's, 15. Asexual, 16. tentacles

17. Certain chemicals can disrupt the proper functioning of _____ leading to reproductive problems.
- n.* a reproductive organ that produces gametes, such as testes in males or ovaries in females
18. The _____ of the plant depends on the pollinators.
- n.* the process by which organisms create offspring; the production of something similar to an original work
19. 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
20. The company's new _____ on remote work has made it a more inclusive workplace.
- n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
21. 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
22. The venom from the snake bite _____ his arm.
- v.* to cause a person or part of the body to become unable to move or feel
23. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period

ANSWERS: 17. gonads, 18. reproduction, 19. reproduce, 20. policy, 21. threat, 22. paralyzed, 23. survive

24. 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
25. The recent economic downturn has resulted in _____ layoffs.
- adj.* enormous amount; very heavy and solid
26. _____ a number by itself twice.
- v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
27. The condo offers _____ access to the beach.
- adj.* not divided or shared with others
28. The _____ on jellyfish tentacles can cause a painful sting.
- n.* a specialized stinging cell found in the tentacles of cnidarians, such as jellyfish and sea anemones, used for protection and capturing prey
29. The butterfly emerged from its _____ stage.
- n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
30. How much is it per one hundred _____
- n.* a metric unit of weight equal to one-thousandth of a kilogram
31. 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

ANSWERS: 24. grains, 25. massive, 26. Multiply, 27. exclusive, 28. nematocysts, 29. larva, 30. grams?, 31. protein

32. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space
33. Her visit will _____ from Monday to Friday.
v. to broaden in scope, range, or area
34. The drain was _____ with hair and needed to be cleaned out.
v. to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
35. The _____ to the new class was informative and engaging.
n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
36. The homeowner called the police when they spotted an _____ in their backyard.
n. someone who enters a place or situation without permission or invitation; someone who interrupts or interferes in something
37. The mistake was _____ and made in good faith.
adj. not done or made on purpose; accidental
38. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
39. That incident _____ a nationwide chain reaction regarding the crackdown on illegal groups.
v. to make someone decide to or try to do something, or to make something happen

ANSWERS: 32. trajectory, 33. extend, 34. clogged, 35. introduction, 36. intruder, 37. unintentional, 38. evolved, 39. prompted

40. The nobler, the more _____.

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

41. 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

42. He does not _____ importance to these rumors.

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

43. The sound of his chewing loudly _____ me during dinner.

v. to annoy, provoke, or cause resentment or anger in someone; to inflame or make sore

44. _____ storm Marco is making his way along the coast of Florida.

adj. originating in, located in, or characteristic of the tropics

45. I need to _____ my car regularly to prevent any major mechanical issues.

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

46. Hounds _____ their prey by using their keen scent.

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

47. The jellyfish's body was transparent and _____ making it difficult to see in the water.

adj. having the texture of jelly; having a translucent, jelly-like consistency

ANSWERS: 40. humble, 41. launch, 42. attach, 43. irritates, 44. Tropical, 45. maintain, 46. hunt, 47. gelatinous,

48. 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
49. The beach was filled with hundreds of _____ so swimming was not recommended.
- n.* a marine creature with a soft, jelly-like body and tentacles for stinging
50. I had to ____ away a fly that was buzzing around my head.
- v.* to strike or hit someone or something with a quick, sharp blow, usually with the hand or a flat object; (noun, an acronym that stands for "Special Weapons And Tactics") specialized groups within police departments that are trained to handle high-risk operations that regular officers are not equipped to deal with
51. The sudden rise in crime rates in our neighborhood is quite _____.
- adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
52. Two students answered the teacher's question _____.
- adv.* at the same time
53. Alligators are a type of _____ that live in swamps and rivers.
- n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
54. Generally speaking, men have a shorter _____ than women.
- n.* the length of time for which a person, animal lives, or thing exists
55. The small animal was _____ against its predators, with no means of protection.
- adj.* without protection or defense, vulnerable

ANSWERS: 48. environment, 49. jellyfish, 50. swat, 51. alarming, 52. simultaneously, 53. reptile, 54. lifespan, 55. defenseless

56. Many countries have now agreed to a treaty banning the use of _____ weapons.

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

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

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

58. The coral reef was home to various _____ and other sea creatures.

n. (of zoology) a small, typically sessile, marine animal with a hollow, cylindrical body and tentacles surrounding a central mouth, often found in colonies and sometimes forming coral reefs; (of gastroenterology) an abnormal tissue growth that can occur in the colon, rectum, or other parts of the gastrointestinal tract

59. In just four years, the _____ has doubled.

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

60. Bees _____ as a defense mechanism when they feel threatened.

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

61. Too much variety may _____ and confuse viewers.

v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

62. The mischievous ____ caused trouble wherever it went.

n. a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore

63. This medication is _____ in its effects.

adj. relating to or involving only a small number of a larger group of people or things

ANSWERS: 56. nuclear, 57. Climate, 58. polyps, 59. population, 60. sting, 61. overwhelm, 62. imp, 63. selective

64. The _____ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
65. 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
66. 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
67. They donated large sums of money for the development of _____.
- n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
68. My left arm became _____.
- adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
69. The _____ climate of the region made it an ideal vacation spot.
- adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
70. The mobile application industry is _____ changing.
- adv.* all the time
71. The cherry blossoms in the park were in full _____.
- n.* a flower, especially one having showy or colorful parts; the best time of youth

ANSWERS: 64. pollution, 65. structure, 66. mechanisms, 67. humanity, 68. numb, 69. temperate, 70. constantly, 71. bloom

72. _____ elections were held in several European countries.

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

73. He used a hammer and round _____ to fix the loose board on the fence.

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

74. The election was a _____ success for the Whigs.

adj. worthy of attention because unusual or special

75. He was pretty _____ to pass the exam.

adj. having good luck or lucky

76. Life expectancy has grown _____ this century.

adv. in a very impressive manner

77. We must _____ a new system to streamline our workflow and increase efficiency.

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

78. Trial and error is an _____ part of education.

adj. indispensable; fundamental

79. The politician's words were full of _____ designed to hurt his opponent.

n. a sharp projection or point, often on a plant or animal; a cutting remark or criticism that is meant to hurt or insult; a type of fishing lure that has small hooks and a brightly colored feather or hair

ANSWERS: 72. Communal, 73. nail, 74. remarkable, 75. fortunate, 76. dramatically, 77. develop, 78. essential, 79. barbs

80. The _____ on the wall showed that the room was three meters long.
- n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
81. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
82. The _____ appetite of the teenager was legendary.
- adj.* having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something
83. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
- n.* a natural or chemical substance added to soil to make plants grow more successfully
84. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.
- n.* the complete disappearance of a species from the earth
85. They have been living near water since _____ times.
- adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
86. I bought a gadget before my trip to help _____ stress during the flight.
- v.* to make something, especially something bad, small or less serious
87. The concert reached 100 _____ causing many people to cover their ears.
- n.* (also "dB") a unit used to measure the intensity of sound or the comparative loudness of two sounds based on a logarithmic scale

ANSWERS: 80. meter, 81. individual, 82. voracious, 83. fertilizers, 84. extinction, 85. ancient, 86. minimize, 87. decibels,

88. A _____ of grapes hung from the vine.

n. a group of similar things or people close together, often forming a distinct mass or unit

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

n. a living being, especially an animal

90. I don't _____ take a vacation in the middle of summer.

adv. usually; under normal conditions

91. The tumor in her _____ was causing her difficulty in eating and drinking.

n. the muscular tube that connects the mouth and throat to the stomach, which allows food to pass through

92. Keratosis is a skin condition characterized by the formation of excess _____ on the skin's surface

n. a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers

93. 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.

94. She _____ the mystery novel in one sitting.

v. to eat or consume something eagerly or ravenously; or to destroy something rapidly

95. A _____ of angry bees attacked because we had approached the hive.

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

ANSWERS: 88. cluster, 89. creature, 90. normally, 91. esophagus, 92. keratin, 93. defend, 94. devoured, 95. swarm

96. In the _____ system, measurements are made in meters and liters.

adj. using or relating to the meter as a unit of length; a system of related measures that facilitates the quantification of some particular characteristic

97. The old, rusty tools were now _____ and had to be thrown away.

adj. not serving any useful purpose; having no practical result

98. The bear used its _____ to catch a fish in the river.

n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

99. The charity organization has helped to provide education to a vast _____ of the population.

n. a strip of land, especially a long, narrow one; a large amount or quantity of something

100. She _____ a quick picture of the beautiful sunset before it disappeared.

v. to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands

101. It would be best if you burned off _____ through vigorous exercise.

n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

102. The majority of snakes swallow their _____ whole.

n. the object of a hunt; an animal hunted or trapped for eating

ANSWERS: 96. metric, 97. useless, 98. claw, 99. swath, 100. snapped, 101. calories, 102. prey

103. The restaurant offered delicious food at an _____ price.

adj. costing little; having a low price

104. She carefully _____ the rope so that it wouldn't tangle.

v. to wind something in a spiral or helical shape; to create a coil or coil-like shape; to group or organize something closely together in a circular or spiral pattern

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

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

106. They tried to _____ her position by slandering her.

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

107. The company's _____ approach has been highly effective.

n. the action or process of changing to suit different conditions

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

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

109. The knights wore heavy _____ for protection during battle.

n. a protective covering made of metal or other durable materials, worn to guard against injury or damage

ANSWERS: 103. inexpensive, 104. coiled, 105. pacific, 106. undermine, 107. adaptation, 108. dolphins, 109. armor

110. Draw a circle five centimeters in _____.

- n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference

111. The _____ jacket was worn in but still comfortable.

- n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items

112. My father likes to ___ the lawn early on Saturday mornings.

- v.* to cut down and trim grass or other vegetation, usually with a machine such as a lawnmower; to cut down or harvest crops

113. Industrial _____ and wind-blown debris are prime examples of pollution.

- n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome

114. The _____ burglar was caught on the security camera and arrested by the police.

- adj.* indicating a person who aspires or attempts to be something but has not yet achieved that status or position

115. The animal rights group worked to _____ the dolphins back into the wild.

- v.* to set free or allow to escape from confinement

116. His heartaches are less _____ now.

- adj.* happening constantly

117. The search and rescue team sent a team of _____ to search for the missing plane wreckage.

- n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

ANSWERS: 110. diameter, 111. leather, 112. mow, 113. runoff, 114. would-be, 115. release, 116. frequent, 117. divers

118. They _____ conduct fire drills to ensure everyone in the building knows what to do in an emergency.

adv. on a regular or habitual basis; in a manner that is customary or expected

119. A smaller car will _____ less fuel.

v. to spend something, especially fuel, energy, or time, in a large amount

120. The whaling industry declined as countries began to ban the use of _____

n. a spear-like weapon used for fishing or hunting sea creatures such as whales or sharks; a sharp tool used for piercing or impaling something; (verb) to hunt or capture a fish or other sea creature using a spear-like instrument called a harpoon

121. She checked her _____ before embarking on the hike.

n. a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

122. Cities around the world set records for highest _____ this summer.

n. the degree of hotness or coldness of a thing or place

123. The fishermen were alarmed to see a flock of _____ circling above the water.

n. a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals

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

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

ANSWERS: 118. routinely, 119. consume, 120. harpoons, 121. gear, 122. temperatures, 123. seabirds, 124. marine