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Vocabulary Builder Reference from...

Emma Teeling: The secret of the bat genome | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

ecosystem

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

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

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

function

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

synonym: purpose, mapping, job

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

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

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

disease

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

synonym : illness, ailment, affliction

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

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

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym : sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

deaf

adj. lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals

synonym : hearing-impaired, unresponsive, insensitive

(1) **deaf** in one ear, (2) **deaf** child

The **deaf** student needed an interpreter to understand the lecture.

intriguing

adj. arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating

synonym : fascinating, captivating, arresting

(1) **intriguing** concept, (2) **intriguing** character

The novel's plot was **intriguing** and kept readers in their seats.

aspect

n. one part or feature of a situation, problem, subject, etc.
synonym : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

everlasting

adj. lasting forever or indefinitely; eternal or infinite in duration, also used to describe something unchanging, constant, or enduring

synonym : perpetual, eternal, enduring

(1) **everlasting** love, (2) **everlasting** memories

The writer's words left an **everlasting** impact on his readers.

magnificent

adj. extremely beautiful and impressive; grand or noble in thought or deed

synonym : splendid, brilliant, exquisite

(1) a **magnificent** plan, (2) a **magnificent** mountain

The **magnificent** scene of the glacier is awe-inspiring.

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.

bat

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

synonym : cane, rod, stick

(1) **bat** cave, (2) **bat** an eye

The cave was a habitat for **bats**.

convince

v. to persuade someone or make someone believe that something is true

synonym : persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent
I am considering what I should do to **convince** him.

fortune

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

synonym: wealth, affluence, assets

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

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

fascinating

adj. extremely interesting

synonym: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

attribute

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

synonym: ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

flee

v. to leave by running away, especially out of fear or danger

synonym: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

inherent

adj. existing in something as a permanent, essential, or characteristic attribute

synonym: intrinsic, natural, innate

(1) **inherent** risk, (2) have an **inherent** dislike

Honesty is an **inherent** quality that everyone should strive to possess.

vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of **vertebrate** animals.

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.

pterodactyl

n. an extinct flying reptile that lived during the time of the dinosaurs, characterized by a slender body, long wings, and a beak-like snout

synonym: flying reptile, winged dinosaur

(1) flying **pterodactyl**, (2) fossilized **pterodactyl**

The museum's **pterodactyl** exhibit drew a large crowd, especially among children fascinated by the life-sized model.

metabolism

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

perceive

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

synonym: sense, discern, feel

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

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

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**.

echolocation

n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.

synonym: echo sounding

(1) bat **echolocation**, (2) ultrasound for **echolocation**

Dolphins use **echolocation** for hunting fish.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

larynx

n. an organ in the top of the throat involved in breathing, producing sound

(1) irritate the **larynx**, (2) narrowing of the **larynx**

Smoking significantly increases the risk of **larynx** cancer.

echo

n. a sound heard after being reflected off a surface, such as a wall or a cliff

synonym: reverberate, repeat, reflection

(1) the **echo** of a person's footsteps, (2) sound **echo**

A thunderous boom **echoed** throughout the valley.

acoustic

adj. relating to sound or the sense of hearing

synonym : aural, hearing, acoustical

(1) **acoustic** properties of a hall, (2) **acoustic** guitar

The ground acts as an **acoustic** barrier against outside sounds.

orient

v. to position or adjust someone or something for a particular purpose; (noun) the countries of Asia

synonym : position, align, adjust

(1) **orient** my thinking, (2) the exotic flavor of the **Orient**

She took a moment to **orient** herself in the unfamiliar city.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

alien

n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

synonym : foreigner, unfamiliar, unknown

(1) **alien** fungi, (2) resident **aliens**

Alien species have drastically altered the ecosystem in this area.

philosophy

n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

synonym : doctrine, attitude, creed

(1) **philosophy** of education, (2) western **philosophy**

Ethics is a branch of **philosophy**.

characteristic

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

synonym : feature, quality, attribute

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

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

hoe *n.* a garden tool with a flat blade attached at right angles to a long handle

(1) garden **hoe**, (2) weeding **hoe**

She purchased a **hoe** and a sickle for a backyard vegetable garden.

dedicate *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

teeny *adj.* extremely small; tiny

synonym: tiny, mini, minuscule

(1) **teeny** bit, (2) so **teeny** tiny

The ring was so **teeny** that it almost looked like a toy.

survival *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

botany *n.* the scientific study of plants

synonym: phytology, vegetation, horticulture

(1) **botany** professor, (2) geographical **botany**

The study of **botany** can also include the study of plant fossils and the history of plant evolution.

variation

n. the act or state of changing; a difference or change in the way something is done, made or said

synonym: fluctuation, change, variation

(1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

perception

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

synonym: understanding, idea, awareness

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

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

belfry

n. a bell tower, often attached to a church or other building, where bells are hung

synonym: bell tower, steeple, campanile

(1) towering **belfry**, (2) historic **belfry**

The old church's **belfry** offers stunning views of the surrounding countryside.

terrify

v. to frighten someone very much

synonym: unnerve, scare, horrify

(1) **terrify** people, (2) the threats **terrify** him

It would be best not to **terrify** your associates into doing complex tasks.

demon

n. an evil spirit, supernatural being or entity often depicted as malevolent or harmful

synonym: fiend, devil, evil spirit

(1) **demon** hunter, (2) cast **demon** eyes

The actor's portrayal of the **demon** in the horror movie was terrifying.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym: buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

stoke

v. to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict

synonym: stir up, fuel, ignite

(1) **stoke** a fire, (2) **stoke** passions

The artist used bright colors and bold brushstrokes to **stoke** a sense of vibrancy in their painting.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

frightening

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

synonym: scary, terrifying, alarming

(1) cast **frightening** eyes, (2) **frightening** experience

The news of the pandemic was a **frightening** reminder of the fragility of human health.

slightly

adv. in a small degree or extent; a little

synonym: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

synonymous

adj. having the same or a similar meaning as another word or phrase

synonym: equivalent, interchangeable, similar

(1) **synonymous** terms, (2) non- **synonymous** mutation

The phrase "big shot" and "important person" are **synonymous**.

- evil** *adj.* profoundly immoral, cruel, and wicked; having or exerting a harmful effect on people
synonym : malign, corruption, immorality
(1) **evil** ways, (2) a charm against **evil**
Corruption is an **evil** act for any reason.
- perpetrator** *n.* a person who carries out a harmful or illegal act, particularly one that involves violence or deception
synonym : culprit, wrongdoer, offender
(1) **perpetrator** identity, (2) culprit **perpetrator**
The police have not yet caught the **perpetrator** of the crime.
- horror** *n.* intense fear or disgust, especially at something shocking or terrifying
synonym : fear, terror, dread
(1) **horror** movie, (2) **horror-struck** look
The stories of war crimes filled her with **horror**.
- typical** *adj.* having the usual characteristics or traits of a specific group of things
synonym : characteristic, usual, distinctive
(1) **typical** leader, (2) fairly **typical** symptoms
This artwork is **typical** of her work.
- angel** *n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo
synonym : messenger, spirit, celestial being
(1) **angel** investors, (2) fallen **angel**
As she lay on her deathbed, a bright light appeared, and she saw a holy **angel** standing at the foot of her bed.
- tradition** *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
synonym : custom, practice, ritual
(1) a **tradition** of a culture, (2) against **tradition**
It is a **tradition** in many families to have a big Thanksgiving

dinner with all their relatives.

wealth

n. a large amount of money, property, or other things that someone or an organization owns

synonym: affluence, assets, fortunate

(1) majority of his **wealth**, (2) material **wealth**

The **wealth** inequality was unavoidable.

longevity

n. the property of being long-lived; significant duration of service

synonym: seniority, endurance

(1) **longevity** crisis, (2) **longevity** genes

He is proud of the **longevity** of the business.

virtue

n. high moral standards in behavior or attitudes

synonym: integrity, probity, goodness

(1) **virtue** of frugality, (2) acquire a **virtue**

She had many good **virtues** and few faults.

serenity

n. the state of being calm, peaceful, and untroubled; a feeling of tranquility or peacefulness

synonym: calmness, tranquility, peacefulness

(1) fall into **serenity**, (2) **serenity** prayer

Meditation and yoga are great ways to achieve **serenity** and peace of mind.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

blessing

n. a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune

synonym: favor, benediction, boon

(1) count your **blessings**, (2) bestowed **blessings**

Receiving support from his friends was a great **blessing** in his time of need.

definitely

adv. without any question and beyond doubt; clearly

synonym : absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**

The paper is **definitely** worth reading thoroughly.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym : depict, express, describe

(1) **represent** by a diagram, (2) the characters that

represent numbers

We elected him to **represent** us at the international conference.

pollinator

n. an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

synonym : fertilizer, pollenizer, pollen carrier

(1) **pollinator** species, (2) beneficial **pollinator**

Bees are important **pollinators** for many crops and plants.

disperse

v. to spread out or distribute over a broad region, or to cause something to do so

synonym : dissipate, spread, scatter

(1) **disperse** false information, (2) **disperse** the protesters

Before authorities **dispersed** the protesters, they yelled slogans.

pollinate

v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

synonym : fertilize, propagate

(1) **pollinate** plants, (2) **pollinate** fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

tequila

n. a distilled spirit made primarily from the blue agave plant, typically produced in Mexico, known for its distinctive taste and often consumed neat, in cocktails, or as a shot

synonym: liquor, spirit

(1) **tequila** cocktail, (2) bottle of **tequila**

We ordered a round of **tequila** shots at the bar.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

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.

insect

n. any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

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.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym : calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

colony

n. a country or an area that is governed by a more powerful country that is often far away

synonym : settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

statistics

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

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

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

threaten

v. to utter intentions of injury or punishment against someone

synonym : endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

syndrome

n. a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

synonym :

disorder, condition, complication

(1) **syndrome** of dementia, (2) acute **syndrome**

The patient was diagnosed with a rare genetic **syndrome**.

wipe

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

synonym: clean, brush, swab

(1) **Wipe** off dirt, (2) **wipe** with water

Please **wipe** your sweat with this towel.

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.

attraction

n. a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

synonym: allure, appeal, interest

(1) the big **attraction** of the event, (2) popular tourist **attraction**

She felt an instant **attraction** toward him.

calculated

adj. done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

synonym: premeditated, willful, deliberate

(1) **calculated** bankruptcy, (2) **calculated** crime

The company made a **calculated** decision to invest in new technology.

equation

n. the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by

connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

insecticide

n. a substance used to kill insects

synonym: pesticide, bug-killer, rodenticide

(1) **insecticide** spray, (2) **insecticide** residue

The farmer sprayed the crop with **insecticide** to protect it from pests.

pest

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

synonym: nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

agriculture

n. the practice or science of cultivating the land or raising stock

synonym: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

Agriculture is the foundation of our economy.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym: output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

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.

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

protein

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

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

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

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

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

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

advancement

n. the development, improvement, or progress of something

synonym: progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**
Competition between countries resulted in fast technological **advancement**.

modern

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

synonym: contemporary, stylish, current

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

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

molecular

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

synonym : microscopic, atomic

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

Molecular weight is the sum of all the atoms.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

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.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

susceptible

adj. easily influenced, harmed, or affected by something

synonym : exposed, liable, gullible

(1) a **susceptible** young woman, (2) **susceptible** of proof

Well-stretched muscles are less **susceptible** to injury.

capitalize

v. to write a whole letter or the first letter of the alphabet as a capital; to provide a company, etc. with the money; to take the chance to gain advantage from something

synonym : bankroll, finance, endow

(1) **capitalize** on an interest, (2) **capitalize** the 1st letter of a word

You must **capitalize** on your full of opportunities to become a professor.

differentiate

v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym : discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

disrupt

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

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

tolerate

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

synonym : endure, put up with, bear

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

ambiguity

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

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

sieve

n. a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully

synonym: strainer, colander, tamis

(1) **sieve** tissue, (2) molecular **sieve**

The baker sifted the flour through a **sieve** to remove any lumps.

evolutionary

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

synonym: developmental, mutative, transformative

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

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

distant

adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship

synonym: far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

ecology

n. the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

divergent

adj. different or becoming different from another or a standard; tending to move apart in different directions

synonym : differing, disparate, atypical

(1) follow a **divergent** path, (2) wildly **divergent** results
The prime minister had to reconcile **divergent** opinions on controversial issues like abortion.

ascertain

v. to find out or learn something true or correct

synonym : determine, establish, verify

(1) **ascertain** a diagnosis, (2) **ascertain** his address
He needed to **ascertain** the cause of the problem before he could fix it.

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym : hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error
The data **indicates** that the company's profits have steadily increased over the past quarter.

purple

adj. of a color intermediate between red and blue

synonym : violet

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

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**
Driving is difficult for me because of my poor **vision**.

lab

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

synonym : workshop, laboratory, research chamber

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

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

impair

v. to damage something or make it weaker or worse

synonym: degrade, mar, deface

(1) **impair** my health, (2) **impair** insulin sensitivity

The accident made his vision **impaired**.

disorder

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

inherit

v. to receive money, property, or a title from someone after they have died

synonym: obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym: fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

specialize

v. to become an expert in a specific career field, study, or business

synonym : narrow down, particularize

(1) **specialize** in child care, (2) **specialize** in market research

The restaurant has chefs who **specialize** in beef.

defect

n. an imperfection, shortcoming, or lack of something or someone

synonym : fault, blemish, flaw

(1) visual **defects**, (2) **defects** of character

Defects in the design could cause much worse issues.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

fountain

n. a structure usually consisting of a basin and a jet of water that is sprayed into the air, often used for decoration or as a source of drinking water

synonym : spring, well, spout

(1) **fountain** plaza, (2) decorative **fountain**

The **fountain** in the park provided a relaxing atmosphere.

biology

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

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

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

dawn

n. the time of day when the sun's light starts to show in the sky

synonym : daybreak, sunrise, advent

(1) the wan light of **dawn**, (2) crack of **dawn**

Missile assaults on the capital continued around **dawn**.

humankind

n. the whole of the living human inhabitants of the earth
synonym: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**
On the geological time scale, **humankind** has existed for a brief moment.

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.

deteriorate

v. to become worse in quality; to decline or degenerate
synonym: decline, degenerate, regress

(1) **deteriorate** at a slow pace, (2) **deteriorate** condition
The patient's health **deteriorated** rapidly after being diagnosed with the disease.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

hazard

n. something dangerous and likely to cause damage
synonym: peril, danger, threat

(1) occupational **hazard**, (2) potential health **hazards**
Lost mobile phones lead to another potential **hazard** regarding privacy.

vary

v. to become different in terms of size, shape, etc.
synonym: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price
Maximum heart rates **vary** a lot for each individual.

amazing

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

synonym: exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

relation

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

synonym: association, linkage, connection

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

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

graph

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

synonym: chart, diagram, figure

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

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

expend

v. to use or spend time, money, energy, etc.

synonym: disburse, spend, pay

(1) **expend** a great deal of energy, (2) **expend** time and resources

Billionaires tend to **expend** private funds on a public undertaking.

suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

consequence

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

synonym : result, impact, outcome

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

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

combine

v. to join or merge to form a single thing or group

synonym : coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

state-of-the-art

adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge

synonym : advanced, cutting-edge, innovative

(1) **state-of-the-art** technology, (2) **state-of-the-art** software

The hospital has **state-of-the-art** equipment and facilities to ensure the best healthcare for its patients.

up-to-date

adj. reflecting or incorporating the latest information, methods, or ideas; current; modern

synonym : modern, current, contemporary

(1) **up-to-date** technology, (2) **up-to-date** information

My computer software is **up-to-date** with the latest version.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym : disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

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.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym: accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

extraordinary

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

synonym: exceptional, noteworthy, astonishing

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

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

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym: antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

potentially

adv. in a possible state or condition; possibly

synonym: likely, possibly, probably

(1) **potentially** affected, (2) **potentially** lucrative

The organization assisted in the de-escalation of **potentially** violent situations.

halt

v. to bring or come to a stop; to force to stop moving or operating

synonym: stop, cease, terminate

(1) **halt** production, (2) **halt** progress

The train came to a **halt** at the station.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym : overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

superhero

n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

(1) **superhero** movies, (2) **superhero** comics

Superman is a classic **superhero** known for his superhuman strength and flying ability.

Session 2: Spelling

1. mo___n poetry *adj.* of or belonging to the present time or recent times
2. artificial cr____re *n.* a living being, especially an animal
3. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
4. cap_____ze on an interest *v.* to write a whole letter or the first letter of the alphabet as a capital; to provide a company, etc. with the money; to take the chance to gain advantage from something
5. dif_____ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
6. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
7. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
8. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
9. phi_____hy of education *n.* the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

ANSWERS: 1. modern, 2. creature, 3. fellow, 4. capitalize, 5. differentiate, 6. predict, 7. reverse, 8. extraordinary, 9. philosophy

10. or___t my thinking *v.* to position or adjust someone or something for a particular purpose; (noun) the countries of Asia
11. a private ind_____al *n.* a single person or thing, as distinct from a group
12. in_____ct directly with customers *v.* to communicate or react with somebody
13. met_____sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
14. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
15. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
16. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
17. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
18. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
19. te_____a cocktail *n.* a distilled spirit made primarily from the blue agave plant, typically produced in Mexico, known for its distinctive taste and often consumed neat, in cocktails, or as a shot

ANSWERS: 10. orient, 11. individual, 12. interact, 13. metabolism, 14. bat, 15. perception, 16. agriculture, 17. disrupt, 18. statistics, 19. tequila

20. spe_____ze in child care *v.* to become an expert in a specific career field, study, or business
21. te__y bit *adj.* extremely small; tiny
22. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
23. in____t biology *n.* any small creature that has six legs and a body divided into three sections
24. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
25. geographical bo____y *n.* the scientific study of plants
26. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
27. mu_____on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
28. the ec_____y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
29. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
30. ho____r movie *n.* intense fear or disgust, especially at something shocking or terrifying
31. at_____te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

ANSWERS: 20. specialize, 21. teeny, 22. amazing, 23. insect, 24. ecosystem, 25. botany, 26. disrupt, 27. mutation, 28. ecology, 29. doe, 30. horror, 31. attribute

32. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
33. lo_____ty crisis *n.* the property of being long-lived; significant duration of service
34. sound e__o *n.* a sound heard after being reflected off a surface, such as a wall or a cliff
35. ev_____on theory *n.* a gradual process of transformation of living things
36. historic be____y *n.* a bell tower, often attached to a church or other building, where bells are hung
37. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
38. w__e with water *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
39. sequencing of the human ge____e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
40. in_____nt risk *adj.* existing in something as a permanent, essential, or characteristic attribute
41. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
42. ev____e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
43. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 32. agriculture, 33. longevity, 34. echo, 35. evolution, 36. belfry, 37. biology, 38. wipe, 39. genome, 40. inherent, 41. consequence, 42. evolve, 43. represent

44. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
45. es_____al amino acid *adj.* indispensable; fundamental
46. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
47. the eq_____on of poverty with
 ignorance *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
48. fri_____ng experience *adj.* causing fear or alarm, or very surprising and alarming
49. di_____se the protesters *v.* to spread out or distribute over a broad region, or to cause something to do so
50. have an in_____nt dislike *adj.* existing in something as a permanent, essential, or characteristic attribute
51. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
52. pe_____ve a threat *v.* to become aware or conscious of something through the senses
53. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 44. doe, 45. essential, 46. genetic, 47. equation, 48. frightening, 49. disperse, 50. inherent, 51. prop, 52. perceive, 53. achieve

54. vo_____us reader *adj.* having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something
55. co_____e augmented reality *v.* to join or merge to form a single thing or group
56. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
57. bl__d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
58. pot_____ly affected *adv.* in a possible state or condition; possibly
59. human ev_____on *n.* a gradual process of transformation of living things
60. ind_____us student *adj.* hardworking, diligent, and persistent in effort
61. ins_____de spray *n.* a substance used to kill insects
62. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
63. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
64. bestowed bl_____ngs *n.* a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
65. traditional me_____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 54. voracious, 55. combine, 56. variation, 57. blind, 58. potentially, 59. evolution, 60. industrious, 61. insecticide, 62. typical, 63. therapy, 64. blessing, 65. medicinal

66. sus_____le of proof *adj.* easily influenced, harmed, or affected by something
67. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
68. sta_____art software *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
69. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
70. bottle of te_____a *n.* a distilled spirit made primarily from the blue agave plant, typically produced in Mexico, known for its distinctive taste and often consumed neat, in cocktails, or as a shot
71. sexual pr_____ors *n.* an animal whose natural behavior is to prey on others
72. su_____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
73. int_____ng character *adj.* arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
74. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
75. bo___y professor *n.* the scientific study of plants
76. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 66. susceptible, 67. crop, 68. state-of-the-art, 69. vision, 70. tequila, 71. predator, 72. survival, 73. intriguing, 74. experiment, 75. botany, 76. graph

77. ind_____al freedom *n.* a single person or thing, as distinct from a group
78. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
79. occupational ha____d *n.* something dangerous and likely to cause damage
80. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
81. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
82. 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
83. v__y directly with the price *v.* to become different in terms of size, shape, etc.
84. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
85. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
86. di_____t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

ANSWERS: 77. individual, 78. environment, 79. hazard, 80. bat, 81. ecosystem, 82. protein, 83. vary, 84. sequence, 85. crop, 86. distant

87. 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
88. ac_____ic guitar *adj.* relating to sound or the sense of hearing
89. majority of his we____h *n.* a large amount of money, property, or other things that someone or an organization owns
90. career adv_____nt *n.* the development, improvement, or progress of something
91. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
92. spe_____ze in market research *v.* to become an expert in a specific career field, study, or business
93. wildly di_____nt results *adj.* different or becoming different from another or a standard; tending to move apart in different directions
94. h__t production *v.* to bring or come to a stop; to force to stop moving or operating
95. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
96. fallen an__l *n.* a spiritual being believed to be a messenger of God often depicted as having wings and a halo
97. def_____ly become a problem *adv.* without any question and beyond doubt; clearly
98. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 87. maintain, 88. acoustic, 89. wealth, 90. advancement, 91. environment, 92. specialize, 93. divergent, 94. halt, 95. inherit, 96. angel, 97. definitely, 98. lab

99. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
100. gr__d bargain *adj.* important and large in size, scope, or extent
101. as_____in his address *v.* to find out or learn something true or correct
102. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
103. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
104. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
105. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
106. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
107. th_____en a healthy relationship *v.* to utter intentions of injury or punishment against someone
108. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth

ANSWERS: 99. uncover, 100. grand, 101. ascertain, 102. function, 103. predict, 104. medicinal, 105. estimate, 106. evolutionary, 107. threaten, 108. humankind

109. cal_____ed crime *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
110. a sus_____le young woman *adj.* easily influenced, harmed, or affected by something
111. the exotic flavor of the Or____t *v.* to position or adjust someone or something for a particular purpose; (noun) the countries of Asia
112. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
113. pu____e sweet potatoes *adj.* of a color intermediate between red and blue
114. visual de____ts *n.* an imperfection, shortcoming, or lack of something or someone
115. cast fri_____ng eyes *adj.* causing fear or alarm, or very surprising and alarming
116. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
117. dif_____ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
118. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
119. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 109. calculated, 110. susceptible, 111. orient, 112. relation, 113. purple, 114. defect, 115. frightening, 116. estimate, 117. differentiate, 118. evolutionary, 119. mechanism

120. po_____te fruit trees *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
121. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
122. si__e tissue *n.* a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully
123. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
124. hemoglobin met_____sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
125. narrowing of the la____x *n.* an organ in the top of the throat involved in breathing, producing sound
126. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
127. material we____h *n.* a large amount of money, property, or other things that someone or an organization owns
128. su_____al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

ANSWERS: 120. pollinate, 121. amazing, 122. sieve, 123. planet, 124. metabolism, 125. larynx, 126. blind, 127. wealth, 128. survival

129. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
130. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
131. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
132. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
133. increase sl_____ly *adv.* in a small degree or extent; a little
134. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed
135. cal_____ed bankruptcy *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
136. su_____ro movies *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
137. to_____te his disrespectful behavior *v.* to allow something to exist or happen, even if it is disliked or opposed
138. de___ts of character *n.* an imperfection, shortcoming, or lack of something or someone
139. people with bipolar di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
140. v__y according to the age *v.* to become different in terms of size, shape, etc.

ANSWERS: 129. aspect, 130. experiment, 131. fellow, 132. therapy, 133. slightly, 134. magnificent, 135. calculated, 136. superhero, 137. tolerate, 138. defect, 139. disorder, 140. vary

141. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
142. to _____te ambiguity *v.* to allow something to exist or happen, even if it is disliked or opposed
143. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
144. the files are in complete di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
145. su____r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
146. pol_____ or species *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
147. irritate the la____x *n.* an organ in the top of the throat involved in breathing, producing sound
148. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
149. es_____al commodities of life *adj.* indispensable; fundamental
150. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
151. a stone wall su_____nds the palace *v.* to be all around something or somebody

ANSWERS: 141. uncover, 142. tolerate, 143. relation, 144. disorder, 145. suffer, 146. pollinator, 147. larynx, 148. statistics, 149. essential, 150. vision, 151. surround

152. vo_____us thirst *adj.* having a very strong appetite or desire for something, especially for food or activity; extremely eager or enthusiastic for something
153. flying pte_____yl *n.* an extinct flying reptile that lived during the time of the dinosaurs, characterized by a slender body, long wings, and a beak-like snout
154. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
155. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
156. a mag_____nt plan *adj.* extremely beautiful and impressive; grand or noble in thought or deed
157. pe_____ve light *v.* to become aware or conscious of something through the senses
158. cap_____ze the 1st letter of a word *v.* to write a whole letter or the first letter of the alphabet as a capital; to provide a company, etc. with the money; to take the chance to gain advantage from something
159. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
160. ex___d a great deal of energy *v.* to use or spend time, money, energy, etc.

ANSWERS: 152. voracious, 153. pterodactyl, 154. evolve, 155. molecular, 156. magnificent, 157. perceive, 158. capitalize, 159. genome, 160. expend

161. det_____te at a slow pace *v.* to become worse in quality; to decline or degenerate
162. up-_____te technology *adj.* reflecting or incorporating the latest information, methods, or ideas; current; modern
163. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
164. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
165. W__e off dirt *v.* to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid
166. field of vi___l arts *adj.* relating to seeing or sight
167. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
168. int_____ng concept *adj.* arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
169. h__t progress *v.* to bring or come to a stop; to force to stop moving or operating

ANSWERS: 161. deteriorate, 162. up-to-date, 163. characteristic, 164. function, 165. wipe, 166. visual, 167. indicate, 168. intriguing, 169. halt

170. molecular si__e *n.* a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully
171. as_____in a diagnosis *v.* to find out or learn something true or correct
172. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
173. st__e passions *v.* to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict
174. di_____se false information *v.* to spread out or distribute over a broad region, or to cause something to do so
175. de__n hunter *n.* an evil spirit, supernatural being or entity often depicted as malevolent or harmful
176. eve_____ng love *adj.* lasting forever or indefinitely; eternal or infinite in duration, also used to describe something unchanging, constant, or enduring
177. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
178. su_____ro comics *n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

ANSWERS: 170. sieve, 171. ascertain, 172. tradition, 173. stoke, 174. disperse, 175. demon, 176. everlasting, 177. modern, 178. superhero

179. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
180. popular tourist att_____on *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
181. resident al____ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
182. f____e their homes *v.* to leave by running away, especially out of fear or danger
183. gr____h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
184. ins_____de residue *n.* a substance used to kill insects
185. the wan light of d____n *n.* the time of day when the sun's light starts to show in the sky
186. towering be____y *n.* a bell tower, often attached to a church or other building, where bells are hung
187. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
188. ac_____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 179. responsible, 180. attraction, 181. alien, 182. flee, 183. graph, 184. insecticide, 185. dawn, 186. belfry, 187. combine, 188. achieve

189. a chemical eq_____on *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
190. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
191. follow a di_____nt path *adj.* different or becoming different from another or a standard; tending to move apart in different directions
192. up-_____te information *adj.* reflecting or incorporating the latest information, methods, or ideas; current; modern
193. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
194. acquire a vi____e *n.* high moral standards in behavior or attitudes
195. te_____y people *v.* to frighten someone very much
196. im____r my health *v.* to damage something or make it weaker or worse
197. acute sy_____me *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
198. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

ANSWERS: 189. equation, 190. planet, 191. divergent, 192. up-to-date, 193. dedicate, 194. virtue, 195. terrify, 196. impair, 197. syndrome, 198. indicate

199. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
200. a co___y of bacteria *n.* a country or an area that is governed by a more powerful country that is often far away
201. nontechnical as___ts of the job *n.* one part or feature of a situation, problem, subject, etc.
202. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
203. a charm against e__l *adj.* profoundly immoral, cruel, and wicked; having or exerting a harmful effect on people
204. in_____t estate *v.* to receive money, property, or a title from someone after they have died
205. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
206. a gr__d meal *adj.* important and large in size, scope, or extent
207. lo_____ty genes *n.* the property of being long-lived; significant duration of service
208. non-syn_____us mutation *adj.* having the same or a similar meaning as another word or phrase
209. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
210. ex___d time and resources *v.* to use or spend time, money, energy, etc.

ANSWERS: 199. biology, 200. colony, 201. aspect, 202. dedicate, 203. evil, 204. inherit, 205. lab, 206. grand, 207. longevity, 208. synonymous, 209. typical, 210. expend

211. an__l investors	<i>n.</i> a spiritual being believed to be a messenger of God often depicted as having wings and a halo
212. in___t antenna	<i>n.</i> any small creature that has six legs and a body divided into three sections
213. weeding h_e	<i>n.</i> a garden tool with a flat blade attached at right angles to a long handle
214. va_____on of temperature	<i>n.</i> the act or state of changing; a difference or change in the way something is done, made or said
215. co_____ce her to go with us	<i>v.</i> to persuade someone or make someone believe that something is true
216. count your bl_____ngs	<i>n.</i> a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune
217. pr_____n synthesis	<i>n.</i> a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
218. western phi_____hy	<i>n.</i> the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind
219. eve_____ng memories	<i>adj.</i> lasting forever or indefinitely; eternal or infinite in duration, also used to describe something unchanging, constant, or enduring
220. vi___l navigation	<i>adj.</i> relating to seeing or sight

ANSWERS: 211. angel, 212. insect, 213. hoe, 214. variation, 215. convince, 216. blessing, 217. protein, 218. philosophy, 219. everlasting, 220. visual

221. ill fo____e *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
222. 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
223. cast de__n eyes *n.* an evil spirit, supernatural being or entity often depicted as malevolent or harmful
224. the muscle tissue of a ver_____te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
225. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
226. per_____or identity *n.* a person who carries out a harmful or illegal act, particularly one that involves violence or deception
227. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
228. co_____ce an opponent *v.* to persuade someone or make someone believe that something is true
229. 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

ANSWERS: 221. fortune, 222. mechanism, 223. demon, 224. vertebrate, 225. perception, 226. perpetrator, 227. genetic, 228. convince, 229. metric

230. th____en national security *v.* to utter intentions of injury or punishment against someone
231. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
232. im____r insulin sensitivity *v.* to damage something or make it weaker or worse
233. su____r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
234. al__n fungi *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
235. the e__o of a person's footsteps *n.* a sound heard after being reflected off a surface, such as a wall or a cliff
236. ver____te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
237. se____ty prayer *n.* the state of being calm, peaceful, and untroubled; a feeling of tranquility or peacefulness
238. d__f child *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals

ANSWERS: 230. threaten, 231. prop, 232. impair, 233. suffer, 234. alien, 235. echo, 236. vertebrate, 237. serenity, 238. deaf

239. potential health ha___ds *n.* something dangerous and likely to cause damage
240. say def_____ly *adv.* without any question and beyond doubt; clearly
241. d__f in one ear *adj.* lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals
242. 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
243. completely fas_____ng to me *adj.* extremely interesting
244. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
245. an und_____ng cause of an accident *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
246. ho___r-struck look *n.* intense fear or disgust, especially at something shocking or terrifying
247. so te__y tiny *adj.* extremely small; tiny
248. in_____ct with one another *v.* to communicate or react with somebody
249. ext_____ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
250. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 239. hazard, 240. definitely, 241. deaf, 242. metric, 243. fascinating, 244. molecular, 245. underlying, 246. horror, 247. teeny, 248. interact, 249. extraordinary, 250. disease

251. re____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
252. crack of d__n *n.* the time of day when the sun's light starts to show in the sky
253. apex pr____or *n.* an animal whose natural behavior is to prey on others
254. ind____us worker *adj.* hardworking, diligent, and persistent in effort
255. share my in____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
256. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
257. fall into se____ty *n.* the state of being calm, peaceful, and untroubled; a feeling of tranquility or peacefulness
258. st__e a fire *v.* to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict
259. hereditary mu____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
260. syn____us terms *adj.* having the same or a similar meaning as another word or phrase

ANSWERS: 251. reverse, 252. dawn, 253. predator, 254. industrious, 255. insight, 256. sequence, 257. serenity, 258. stoke, 259. mutation, 260. synonymous

261. garden h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
262. fo____in plaza *n.* a structure usually consisting of a basin and a jet of water that is sprayed into the air, often used for decoration or as a source of drinking water
263. at_____te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
264. decorative fo____in *n.* a structure usually consisting of a basin and a jet of water that is sprayed into the air, often used for decoration or as a source of drinking water
265. culprit per____or *n.* a person who carries out a harmful or illegal act, particularly one that involves violence or deception
266. cr____re of habit *n.* a living being, especially an animal
267. sta_____art technology *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
268. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
269. sl____ly alkaline soils *adv.* in a small degree or extent; a little
270. beneficial pol____or *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

ANSWERS: 261. hoe, 262. fountain, 263. attribute, 264. fountain, 265. perpetrator, 266. creature, 267. state-of-the-art, 268. emit, 269. slightly, 270. pollinator

271. bit of good fo____e *n.* a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
272. the threats te____y him *v.* to frighten someone very much
273. adv____nt of knowledge *n.* the development, improvement, or progress of something
274. plant a co____y *n.* a country or an area that is governed by a more powerful country that is often far away
275. a profound in____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
276. bat ech____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.
277. res____le action *adj.* answerable or accountable for something within one's power, control, or management
278. di____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
279. fossilized pte____yl *n.* an extinct flying reptile that lived during the time of the dinosaurs, characterized by a slender body, long wings, and a beak-like snout
280. det____te condition *v.* to become worse in quality; to decline or degenerate

ANSWERS: 271. fortune, 272. terrify, 273. advancement, 274. colony, 275. insight, 276. echolocation, 277. responsible, 278. disease, 279. pterodactyl, 280. deteriorate

281. an und_____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
282. deep pu___e *adj.* of a color intermediate between red and blue
283. ac_____ic properties of a hall *adj.* relating to sound or the sense of hearing
284. f__e abroad *v.* to leave by running away, especially out of fear or danger
285. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
286. history of hu_____nd *n.* the whole of the living human inhabitants of the earth
287. sy_____me of dementia *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
288. a di_____t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
289. vi___e of frugality *n.* high moral standards in behavior or attitudes
290. fas_____ng story *adj.* extremely interesting
291. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
292. ultrasound for ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.

ANSWERS: 281. underlying, 282. purple, 283. acoustic, 284. flee, 285. tradition, 286. humankind, 287. syndrome, 288. distant, 289. virtue, 290. fascinating, 291. emit, 292. echolocation

293. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
294. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
295. p__t control *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
296. 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
297. po_____te plants *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
298. science of ec_____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
299. e__l ways *adj.* profoundly immoral, cruel, and wicked; having or exerting a harmful effect on people
300. su_____nd a town *v.* to be all around something or somebody
301. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual

ANSWERS: 293. represent, 294. characteristic, 295. pest, 296. maintain, 297. pollinate, 298. ecology, 299. evil, 300. surround, 301. consequence

302. the big att_____on of the event *n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity
303. a p__t of bean plants *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
304. pot_____ly lucrative *adv.* in a possible state or condition; possibly

ANSWERS: 302. attraction, 303. pest, 304. potentially

Session 3: Fill in the Blanks

1. He is proud of the _____ of the business.
n. the property of being long-lived; significant duration of service
2. On the geological time scale, _____ has existed for a brief moment.
n. the whole of the living human inhabitants of the earth
3. The teacher asked the students to _____ between the two similar species of birds.
v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
4. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
5. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
6. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
7. The patient's health _____ rapidly after being diagnosed with the disease.
v. to become worse in quality; to decline or degenerate
8. We gained various _____ by analyzing the vast amount of data owned by the company.
n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 1. longevity, 2. humankind, 3. differentiate, 4. evolved, 5. typical, 6. emits, 7. deteriorated, 8. insights

9. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
10. Corruption is an _____ act for any reason.
adj. profoundly immoral, cruel, and wicked; having or exerting a harmful effect on people
11. The accident made his vision _____.
v. to damage something or make it weaker or worse
12. These economic activities had disastrous environmental _____.
n. the outcome of a particular action or event, especially relative to an individual
13. We ordered a round of _____ shots at the bar.
n. a distilled spirit made primarily from the blue agave plant, typically produced in Mexico, known for its distinctive taste and often consumed neat, in cocktails, or as a shot
14. Meditation and yoga are great ways to achieve _____ and peace of mind.
n. the state of being calm, peaceful, and untroubled; a feeling of tranquility or peacefulness
15. My computer software is _____ with the latest version.
adj. reflecting or incorporating the latest information, methods, or ideas; current; modern
16. The writer's words left an _____ impact on his readers.
adj. lasting forever or indefinitely; eternal or infinite in duration, also used to describe something unchanging, constant, or enduring

ANSWERS: 9. medicinal, 10. evil, 11. impaired, 12. consequences, 13. tequila, 14. serenity, 15. up-to-date, 16. everlasting

17. You must _____ on your full of opportunities to become a professor.
- v.* to write a whole letter or the first letter of the alphabet as a capital; to provide a company, etc. with the money; to take the chance to gain advantage from something
18. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
19. _____ algorithms can find ways to optimize that humans do not anticipate.
- adj.* relating to or denoting how living things develop or change from earlier forms
20. We have finally lost our last _____.
- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
21. 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
22. 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
23. The human _____ contains approximately three billion chemical base pairs.
- n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 17. capitalize, 18. function, 19. Evolutionary, 20. prop, 21. environment, 22. voracious, 23. genome

24. The golfer recorded an _____ distance.

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

25. He needed to _____ the cause of the problem before he could fix it.

v. to find out or learn something true or correct

26. 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

27. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

28. The cave was a habitat for _____.

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

29. 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

30. He is the kind of _____ who only works for his success.

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

31. We do move forward with those tasks in _____ next week.

n. a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 24. amazing, 25. ascertain, 26. mechanisms, 27. tradition, 28. bats, 29. protein, 30. fellow, 31. sequence

32. I am considering what I should do to _____ him.
- v.* to persuade someone or make someone believe that something is true
33. The baker sifted the flour through a _____ to remove any lumps.
- n.* a utensil with a mesh bottom or fine holes, used for separating larger objects from smaller ones or for straining liquids; (verb) to check and sort carefully
34. _____ in the design could cause much worse issues.
- n.* an imperfection, shortcoming, or lack of something or someone
35. The _____ declared its independence and became a republic.
- n.* a country or an area that is governed by a more powerful country that is often far away
36. It's notoriously challenging to _____ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
37. Without bees to _____ the flowers, many crops would not exist.
- v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
38. His professional experience includes all _____ of media production.
- n.* one part or feature of a situation, problem, subject, etc.
39. The museum's _____ exhibit drew a large crowd, especially among children fascinated by the life-sized model.
- n.* an extinct flying reptile that lived during the time of the dinosaurs, characterized by a slender body, long wings, and a beak-like snout

ANSWERS: 32. convince, 33. sieve, 34. Defects, 35. colony, 36. predict, 37. pollinate, 38. aspects, 39. pterodactyl

40. The native South American animals were in danger because of the _____ arrival.
- n.* an animal whose natural behavior is to prey on others
41. The industrial _____ laws were passed with little to no alteration.
- n.* the way two persons or groups of people feel and act toward one another
42. Sow early for an early _____.
- n.* a plant that is cultivated in large amounts, particularly for food
43. Before authorities _____ the protesters, they yelled slogans.
- v.* to spread out or distribute over a broad region, or to cause something to do so
44. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
45. The _____ principle of every business was identical.
- adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
46. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
47. She felt an instant _____ toward him.
- n.* a sense of like someone, particularly sexually; something that causes individuals to desire to go to a specific area or do a specific activity

ANSWERS: 40. predator's, 41. relations, 42. crop, 43. dispersed, 44. ecosystem, 45. underlying, 46. disease, 47. attraction

48. Radiation often promotes genetic _____ in plants and animals.
n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
49. She took a moment to _____ herself in the unfamiliar city.
v. to position or adjust someone or something for a particular purpose; (noun) the countries of Asia
50. The study of _____ can also include the study of plant fossils and the history of plant evolution.
n. the scientific study of plants
51. The sun set over the crest of _____ hills.
adj. far away in space, time, or where you are; far apart in relevance, relationship, or kinship
52. He evaluated his chances for _____ rather pessimistically.
n. the state of continuing to exist or live, frequently in the face of difficulty or danger
53. 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
54. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
55. The presence of a backbone is a defining characteristic of _____ animals.
adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

ANSWERS: 48. mutations, 49. orient, 50. botany, 51. distant, 52. survival, 53. individual, 54. combine, 55. vertebrate

56. It would be best not to _____ your associates into doing complex tasks.
v. to frighten someone very much
57. The artist used bright colors and bold brushstrokes to _____ a sense of vibrancy in their painting.
v. to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict
58. Maximum heart rates _____ a lot for each individual.
v. to become different in terms of size, shape, etc.
59. _____ species have drastically altered the ecosystem in this area.
n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
60. The gardener used natural methods to keep _____ away from her plants.
n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
61. The _____ inequality was unavoidable.
n. a large amount of money, property, or other things that someone or an organization owns
62. The prime minister had to reconcile _____ opinions on controversial issues like abortion.
adj. different or becoming different from another or a standard; tending to move apart in different directions
63. After his death, his sons _____ his business.
v. to receive money, property, or a title from someone after they have died

ANSWERS: 56. terrify, 57. stoke, 58. vary, 59. Alien, 60. pests, 61. wealth, 62. divergent, 63. inherited

64. He continued his investigation and soon _____ another crime.
- v. to remove the cover from something; to discover something previously unseen or hidden
65. Australia is widely _____ as having low levels of corruption.
- v. to become aware or conscious of something through the senses
66. Dolphins use _____ for hunting fish.
- n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.
67. He should _____ more with his colleagues.
- v. to communicate or react with somebody
68. The train came to a _____ at the station.
- v. to bring or come to a stop; to force to stop moving or operating
69. A thunderous boom _____ throughout the valley.
- n. a sound heard after being reflected off a surface, such as a wall or a cliff
70. It is a basic instinct to _____ from a dangerous situation.
- v. to leave by running away, especially out of fear or danger
71. The _____ in the park provided a relaxing atmosphere.
- n. a structure usually consisting of a basin and a jet of water that is sprayed into the air, often used for decoration or as a source of drinking water
72. The restaurant _____ a ban on smoking.
- v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 64. uncovered, 65. perceived, 66. echolocation, 67. interact, 68. halt, 69. echoed, 70. flee, 71. fountain, 72. reversed

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

n. a living being, especially an animal

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

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

75. I underwent aversion _____ for my addiction to alcohol.

n. the act of caring for someone through medication, remedial training, etc.

76. On three sides, mountains _____ the settlement.

v. to be all around something or somebody

77. The ring was so _____ that it almost looked like a toy.

adj. extremely small; tiny

78. Bananas have their _____ taste and odor.

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

79. The museum houses a _____ collection of Celtic artifacts.

adj. extremely interesting

80. Honesty is an _____ quality that everyone should strive to possess.

adj. existing in something as a permanent, essential, or characteristic attribute

81. I will work hard to _____ my goals and realize my dreams.

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 73. creature, 74. graph, 75. therapy, 76. surround, 77. teeny, 78. characteristic, 79. fascinating, 80. inherent, 81. achieve

82. Bees are important _____ for many crops and plants.
n. an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
83. The company made a _____ decision to invest in new technology.
adj. done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
84. She purchased a ____ and a sickle for a backyard vegetable garden.
n. a garden tool with a flat blade attached at right angles to a long handle
85. Billionaires tend to _____ private funds on a public undertaking.
v. to use or spend time, money, energy, etc.
86. The doctor prescribed some medicine for the mental _____.
n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
87. The older man _____ from arthritis and finds it difficult to move around.
v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
88. As she lay on her deathbed, a bright light appeared, and she saw a holy _____ standing at the foot of her bed.
n. a spiritual being believed to be a messenger of God often depicted as having wings and a halo
89. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times

ANSWERS: 82. pollinators, 83. calculated, 84. hoe, 85. expend, 86. disorder, 87. suffers, 88. angel, 89. modern

90. 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
91. She had many good _____ and few faults.
n. high moral standards in behavior or attitudes
92. Smoking significantly increases the risk of _____ cancer.
n. an organ in the top of the throat involved in breathing, producing sound
93. The novel's plot was _____ and kept readers in their seats.
adj. arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
94. The plant has a stunning _____ blossom.
adj. of a color intermediate between red and blue
95. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
96. The farmer sprayed the crop with _____ to protect it from pests.
n. a substance used to kill insects
97. Lost mobile phones lead to another potential _____ regarding privacy.
n. something dangerous and likely to cause damage
98. Receiving support from his friends was a great _____ in his time of need.
n. a gift or favor from a higher power or force; an act or expression of approval, encouragement, or gratitude; something that brings happiness or good fortune

ANSWERS: 90. metric, 91. virtues, 92. larynx, 93. intriguing, 94. purple, 95. vision, 96. insecticide, 97. hazard, 98. blessing

99. I can't _____ spicy food, and it always gives me heartburn
v. to allow something to exist or happen, even if it is disliked or opposed
100. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
101. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
102. The hospital has _____ equipment and facilities to ensure the best healthcare for its patients.
adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge
103. The _____ student needed an interpreter to understand the lecture.
adj. lacking the ability to hear, or having impaired hearing; unresponsive or unaware of certain sounds or signals
104. Hunters use a whistle that makes the _____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
105. I'm so sorry to _____ you when you're pretty busy.
v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
106. In junior high school, we had to dissect a frog in _____ class.
n. the scientific study of life and the natural processes of living things

ANSWERS: 99. tolerate, 100. Agriculture, 101. genetic, 102. state-of-the-art, 103. deaf, 104. doe, 105. disrupt, 106. biology

107. We _____ the season's total trade deficit at \$50 billion.

v. to guess or calculate the cost, size, value, etc. of something

108. The actor's portrayal of the _____ in the horror movie was terrifying.

n. an evil spirit, supernatural being or entity often depicted as malevolent or harmful

109. These _____ are more prevalent above a certain latitude.

n. any small creature that has six legs and a body divided into three sections

110. Competition between countries resulted in fast technological _____.

n. the development, improvement, or progress of something

111. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

112. He _____ the disappointing results to the economic downturn.

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

113. The restaurant has chefs who _____ in beef.

v. to become an expert in a specific career field, study, or business

114. The old church's _____ offers stunning views of the surrounding countryside.

n. a bell tower, often attached to a church or other building, where bells are hung

115. Please _____ your sweat with this towel.

v. to clean or dry something by rubbing with a piece of cloth or paper or one's hand and removing dirt, food, or liquid

ANSWERS: 107. estimated, 108. demon, 109. insects, 110. advancement, 111. visual, 112. attributes, 113. specialize, 114. belfry, 115. wipe

116. Well-stretched muscles are less _____ to injury.

adj. easily influenced, harmed, or affected by something

117. They study the _____ of the universe.

n. a gradual process of transformation of living things

118. Ethics is a branch of _____.

n. the study of general and fundamental questions, such as those about existence, reason, knowledge, values, mind

119. The ground acts as an _____ barrier against outside sounds.

adj. relating to sound or the sense of hearing

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

adj. hardworking, diligent, and persistent in effort

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

adj. indispensable; fundamental

122. The paper is _____ worth reading thoroughly.

adv. without any question and beyond doubt; clearly

123. The patient was diagnosed with a rare genetic _____.

n. a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

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

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

ANSWERS: 116. susceptible, 117. evolution, 118. philosophy, 119. acoustic, 120. industrious, 121. essential, 122. definitely, 123. syndrome, 124. perception

125. Better sleep leads to increased _____.

- n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

126. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.

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

127. Capitalism guarantees the right of ownership of personal _____.

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

128. We elected him to _____ us at the international conference.

- v.* to speak, act, or be present on behalf of another person or group; to form or constitute

129. Various artificially induced causes are _____ our ecosystem.

- v.* to utter intentions of injury or punishment against someone

130. There is a lot of _____ in the colors of flowers in the garden.

- n.* the act or state of changing; a difference or change in the way something is done, made or said

131. The stories of war crimes filled her with _____.

- n.* intense fear or disgust, especially at something shocking or terrifying

132. The police have not yet caught the _____ of the crime.

- n.* a person who carries out a harmful or illegal act, particularly one that involves violence or deception

ANSWERS: 125. metabolism, 126. lab, 127. fortune, 128. represent, 129. threatening, 130. variation, 131. horror, 132. perpetrator

133. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
134. She was nearly _____ due to severe diabetes.
- adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
135. The _____ scene of the glacier is awe-inspiring.
- adj.* extremely beautiful and impressive; grand or noble in thought or deed
136. The news of the pandemic was a _____ reminder of the fragility of human health.
- adj.* causing fear or alarm, or very surprising and alarming
137. The data _____ that the company's profits have steadily increased over the past quarter.
- v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
138. Many companies are now enthusiastically embracing the knowledge of _____ for sustainable development.
- n.* the study of the relationships between living organisms, including humans, and their physical environment
139. Superman is a classic _____ known for his superhuman strength and flying ability.
- n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

ANSWERS: 133. statistics, 134. blind, 135. magnificent, 136. frightening, 137. indicates, 138. ecology, 139. superhero

140. He moved his body _____ to the left.

adv. in a small degree or extent; a little

141. He narrated the _____ story of his adventure.

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

142. The phrase "big shot" and "important person" are _____.

adj. having the same or a similar meaning as another word or phrase

143. 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

144. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

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

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

146. In this class, you will learn how to solve quadratic _____.

n. the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign

147. The organization assisted in the de-escalation of _____ violent situations.

adv. in a possible state or condition; possibly

148. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

adj. answerable or accountable for something within one's power, control, or management

ANSWERS: 140. slightly, 141. extraordinary, 142. synonymous, 143. maintain, 144. planet, 145. Molecular, 146. equations, 147. potentially, 148. responsible

149. His _____ showed highly positive results.

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

150. He _____ his life to helping others.

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

151. Missile assaults on the capital continued around _____.

n. the time of day when the sun's light starts to show in the sky

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

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

ANSWERS: 149. experiments, 150. dedicated, 151. dawn, 152. grand