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Vocabulary Builder Reference from...

Toby Kiers: Lessons from fungi on markets and economics | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

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.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym: imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

normally

adv. usually; under normal conditions

synonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much
I don't **normally** take a vacation in the middle of summer.

economy

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

synonym: finance, trade, business

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

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

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym: mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

consensus

n. general agreement or accord in the judgment or opinion reached by a group as a whole

synonym: agreement, accord, harmony

(1) a public **consensus**, (2) **consensus** among scientists

The two parties have reached a **consensus**.

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

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**.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

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

Two students answered the teacher's question **simultaneously**.

persistent

adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

synonym: tenacious, steadfast, unrelenting

(1) **persistent** cough, (2) **persistent** data

Despite the setbacks, he remained **persistent** in his pursuit of his dreams.

survive

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

synonym: endure, persist, stay

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

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

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

extinction

n. the complete disappearance of a species from the earth

synonym: disappearance, eradication, annihilation

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

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

- rely** v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
synonym : depend, count, lean
(1) **rely** on convenience stores, (2) **rely** entirely on him
Babies heavily **rely** on others for food.
- cognition** n. the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
synonym : awareness, understanding, comprehension
(1) social **cognition**, (2) **cognition** disorder
The professor focused on the research of infant **cognition**.
- decision** n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
synonym : choice, determination, judgment
(1) **decision** authority, (2) a selfish **decision**
She was struggling to make a **decision** between two job offers.
- beg** v. to ask for something urgently or earnestly; to appeal to someone to do something
synonym : plead, implore, entreat
(1) **beg** the question, (2) **beg** for help
She **begged** her parents to let her go to the concert.
- cheat** v. to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
synonym : deceive, swindle, defraud
(1) **cheat** on my taxes, (2) **cheat** in a game
Even though he knew it was wrong, he **cheated** on the exam.
- absence** n. the fact or condition of being away from a place where they are typically anticipated to be
synonym :

dearth, scarcity, lack

(1) **absence** from work, (2) a leave of **absence**

Another critical factor of child poverty is the father's **absence**.

colon

n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

(1) **colon** examination, (2) the **colon** at the end of the sentence

Consumption of vegetables may aid in the prevention of **colon** cancer.

arbuscule

n. an intricate, tree-like structure that forms in the tissues of plant roots as a result of a symbiotic relationship with certain types of fungi, allowing for increased nutrient absorption

synonym: root hair, fungal penetration

(1) **arbuscule** formation, (2) **arbuscule** morphology

Arbuscule symbiosis is a type of mycorrhizal association between plants and fungi.

mycorrhiza

n. a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis

synonym: fungus, root, relationship

(1) **mycorrhiza** fungi, (2) orchid **mycorrhiza**

Some studies have shown that plants grown in soil with a high population of **mycorrhizal** fungi are more resistant to drought and disease.

complexity

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

synonym: intricacy, sophistication, elaboration

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

The project's **complexity** made it difficult for the team to

complete it on time.

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym: subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist

Having **underground** parking has been very beneficial throughout the winter.

filament

n. a thin wire or thread, especially one used to produce light in an electric bulb

synonym: fiber, thread, filament

(1) **filament** lamp, (2) carbon **filament**

The **filament** in the light bulb burned out, and now it's not working.

thread

n. a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

synonym: filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

cotton

n. a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

(1) **cotton** cloth, (2) culture of **cotton**

The price of raw **cotton** continued to rise.

subway

n. an underground railway system, typically in a city
synonym: underground, metro, tube

(1) **subway** train, (2) rapid transit **subway**

He took the **subway** to work every day to avoid traffic congestion.

unload

v. to remove contents of something from a vehicle, ship, container, etc.

synonym: empty, offload, unpack

(1) **unload** the cargo, (2) **unload** a dishwasher

He had to **unload** the merchandise before the Black Friday bargain.

dense

adj. containing a large number of people or something with little space between them

synonym: heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

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

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

gram

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

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

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

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym: filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before planting.

thimbleful

n. a small amount of liquid that would fit into a thimble (= a small, bell-shaped implement); a very small amount or quantity of anything

synonym: tiny amount, small quantity, wee bit

(1) **thimbleful** of water, (2) **thimbleful** of coffee

I only need a **thimbleful** of sugar for my tea, and I don't like it too sweet.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

shrub

n. a woody plant that is smaller than a tree and has several main stems emerging from the soil

synonym: bush, hedge, fern

(1) tree and **shrubs**, (2) small **shrub**

These are **shrubs** with no trunks that rarely grow taller than 3 meters.

vine

n. a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems

(1) a green **vine**, (2) **vine** of ore

A **vine** remains productive throughout the year.

associate

v. to mentally connect someone or something with someone or something else

synonym: tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

jargon

n. specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse

rather than clarify

synonym : lingo, vernacular, slang

(1) business **jargon**, (2) scientific **jargon**

The financial industry is notorious for using complicated **jargon** that confuses consumers.

surprisingly

adv. in a way that causes amazement or wonder

synonym : exceptionally, notably, unusually

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

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

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym : approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym : trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym : bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

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.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

phosphorus

n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

synonym : P, phosphoric, phosphorous

(1) **phosphorus** element, (2) yellow **phosphorus**

Phosphorus compounds are commonly used to manufacture fertilizers to promote plant growth.

nitrogen

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

(1) heavy **nitrogen**, (2) **nitrogen** absorption

Nitrogen gas is used to inflate car tires because it does not react with rubber.

nutrient

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

synonym : food, vitamin

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

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

penetrate

v. to pass into or through something, often by overcoming resistance

synonym : pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin
Western ideology slowly **penetrates** through the eastern countries.

structure

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

synonym: construction, architecture, establishment

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

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

harmonious

adj. characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone

synonym: concordant, consistent, melodious

(1) **harmonious** relationship, (2) **harmonious** blend

The painting's **harmonious** composition and balance of colors made it a masterpiece.

scratch

v. to cut or damage the surface of something or the skin with a sharp or pointed object

synonym: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

pause

v. to take a short break from talking or doing something before continuing

synonym: halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

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.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

reaction

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

synonym: response, reply, answer

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

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

tropical

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

synonym: equatorial, tropic

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

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

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym : variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

nutrition

n. the substances or the process that organisms take into their bodies as food for their growth and health

synonym : alimentation, nourishment, sustenance

(1) **nutrition** condition, (2) **nutrition** intake

This food contains all the **nutrition** your dog requires.

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**.

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.

fast-forward

v. to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording

synonym: advance, hasten, speed up

(1) **fast-forward** 10 seconds, (2) **fast-forward** to the good part

I like to **fast-forward** through commercials when watching TV shows.

manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym: control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

consistent

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

synonym: coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

discriminating

adj. having or showing the ability to judge or discern, typically by distinguishing differences or making careful and considered choices; selective in a discerning way; showing refined taste or awareness of quality

synonym: selective, critical, discerning

(1) **discriminating** judgment, (2) **discriminating** eye

The restaurant has **discriminating** tastes when selecting the best ingredients for their dishes.

allocate

v. to give or distribute something, such as resources or duties, to someone or something for a particular purpose

synonym: apportion, assign, distribute

(1) **allocate** resource, (2) **allocate** budgets

The company **allocated** a portion of its profits to developing new products.

reciprocal

adj. given or felt by each toward the other; mutual; corresponding or interchangeable

synonym: mutual, complementary, supplemental

(1) have a **reciprocal** respect, (2) **reciprocal** actions

Their relationship was based on **reciprocal** love and respect for each other.

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.

inoculate

v. to introduce a vaccine into the body to produce immunity to a specific disease

synonym: vaccinate, immunize, protect

(1) **inoculate** against disease, (2) **inoculate** with a virus

The doctor **inoculated** the child with a vaccine.

emerge

v. to move out of or away from something and become visible

synonym: arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

nonetheless

adv. in spite of what has just been said or done; nevertheless

synonym: nevertheless, regardless, still

(1) we are **nonetheless** confident, (2) love him

nonetheless

They each choose **nonetheless** to battle.

incredibly

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

synonym: enormously, exceptionally, extraordinarily

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

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

opportunistic

adj. making use of a current situation to get power or advantage, especially regardless of planning or principle

synonym: timeserving, conciliatory

(1) **opportunistic** fungus, (2) **opportunistic** behavior

Many of the party's members joined for simply **opportunistic** reasons.

hijack

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym: commandeer, seize, pirate

(1) **hijack** a helicopter, (2) **hijack** a phone number

He made a desperate effort to **hijack** an airliner.

uptake

n. the rate or amount of something that is taken in or used by a particular system or organism; the process of taking food into the body through the mouth by eating

synonym: absorption, incorporation, intake

(1) **uptake** rate, (2) **uptake** of calcium

The **uptake** of the new technology was slower than expected.

suppress

v. to bring something under control by force or authority; to put an end by force

synonym: subdue, bury, stifle

(1) **suppress** a yawn, (2) **suppress** a revolt

The doctor prescribed medication to **suppress** the patient's appetite.

addiction

n. the inability to stop using or doing something as a habit, especially something harmful

synonym: dependence

(1) alcohol **addiction**, (2) **addiction** to foreign oil

He is now fighting his **addiction** to drugs.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

extract

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

synonym: excerpt, quote, distillation

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

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

hoard

v. to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use

synonym: stockpile, accumulation, stash

(1) **hoard** my possessions, (2) plutonium **hoard**

They **hoarded** a common secret instead of sharing it.

unavailable

adj. not able to be used or accessed; not present, able to be found, or able to be contacted

synonym: inaccessible, unobtainable, out of reach

(1) **unavailable** resource, (2) **unavailable** option

The professor is currently **unavailable** but will respond to your email as soon as possible

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely
You must **compete** with others to obtain this position.

economics

n. the branch of social science that deals with the production, consumption, and transfer of goods and services

synonym: social science, finance, business

(1) welfare **economics**, (2) **economics** professor
His class will cover an introduction to agricultural **economics**.

avail

v. to help or benefit; to use or take advantage of

synonym: help, benefit, serve

(1) **avail** you little, (2) **avail** ourselves of this opportunity
Their financing options are reasonable and easy to **avail**.

cunning

adj. clever or skillful in achieving a goal, especially deceptively or secretly; shrewd or wily

synonym: sly, crafty, tricky

(1) **cunning** plan, (2) **cunning** thief
The **cunning** fox managed to elude the hunters and escape with his prey.

orchid

n. a plant with showy or unusual flowers, typically having either a single, complex flower or a cluster of small flowers, many of which are prized for their beauty and often cultivated as ornamental plants

(1) **orchid** garden, (2) **orchid** species
The **orchid** blooms were so delicate and beautiful.

devious

adj. cunning and deceitful; not straightforward; tricky

synonym: cunning, deceitful, tricky

(1) **devious** plot, (2) use **devious** methods
The **devious** plan to cheat on the test was foiled by the teacher.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy,

knowledge, etc.

synonym : knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger
To expand the company, we must **tap** new human resources.

photosynthesis

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

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

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

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym : hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

flourish

v. to grow or develop vigorously or successfully

synonym : boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym : decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

altruism

n. the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of

kindness or charity

synonym: selflessness, philanthropy, generosity

(1) acts of **altruism**, (2) **altruism** in society

His act of volunteering at the homeless shelter was a clear example of practical **altruism**.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

judge

n. a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

synonym: arbiter, justice, (verb) deduce

(1) **judge** a competition, (2) an associate **judge**

The strict **judge** ruled in favor of the plaintiff in the case.

morality

n. principles of right and evil or good and bad behavior

synonym: decency, rectitude, righteousness

(1) business **morality**, (2) sense of **morality**

She found fault with the **morality** of politicians.

advocate

n. a person who supports or suggests an idea, development, or way of doing something

synonym: proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education

advocates

Advocates of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

ruthless

adj. lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the

consequences for others

synonym : heartless, pitiless, merciless

(1) show **ruthless** behavior, (2) **ruthless** brutality

The dictator was known for his **ruthless** tactics and had no qualms about using violence to maintain power.

neo-liberal

adj. relating to a modern political and economic philosophy that emphasizes the promotion of free markets, limited government intervention, privatization, and deregulation

synonym : free-market, laissez-faire, capitalist

(1) **neo-liberal** economic model, (2) **neo-liberal** ideology

The government's **neo-liberal** policies prioritize free-market capitalism over social welfare programs.

dynamics

n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

synonym : mechanics, kinetics, kinematics

(1) **dynamics** of group, (2) **dynamics** of economy

The relationship **dynamics** between the two countries were complex and constantly changing.

enact

v. to make a law; to put something into practice

synonym : legislate, pass, decree

(1) **enact** new legislation, (2) **enact** the smoking ban

The government **enacted** this law in 1925.

benchmark

n. a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance

synonym : standard, measure, gauge

(1) industry **benchmark**, (2) performance **benchmark**

The teacher used a **benchmark** to measure the progress of her students.

process

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

synonym : procedure, method, system

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

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

contaminate

v. to make something impure, unclean, or poisonous by contact or mixture

synonym : defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego

We strive not to **contaminate** the environment when demolishing petroleum plants.

jealousy

n. a feeling of resentment or bitterness towards someone because they have something that you desire

synonym : envy, covetousness, resentment

(1) **jealousy** feeling towards another person, (2) burn with **jealousy**

His **jealousy** of his brother's success caused a rift in their relationship.

spite

n. feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty

synonym : malice, ill will, vindictiveness

(1) bear **spite** against him, (2) die in **spite** of intensive care

He did it out of **spite**, to annoy me.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

dilemma

n. a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

synonym: difficulty, plight, predicament

(1) chicken-and-egg **dilemma**, (2) be in a **dilemma**

The choice between bureaucracy and adhococracy represents a common **dilemma**.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

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

American customers

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

inequality

n. the unfairness of a society in which some people have more opportunity, money, etc. than others;
(mathematics) relation between two values when they are different

synonym: imbalance, prejudice, unfairness

(1) **inequality** in salary, (2) algebraic **inequality**

There are several causes of economic **inequality** within societies.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success"

rigorously.

- feat** *n.* a notable or impressive achievement, especially one that requires great skill or bravery
synonym: achievement, accomplishment, exploit
(1) intellectual **feat**, (2) **feat** accomplishment
It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.
- landscape** *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
synonym: geography, terrain, topography
(1) a peaceful **landscape**, (2) **landscape** painting
Recent electoral shocks have shaken the political **landscape** in Europe.
- relentless** *adj.* persistent and determined; continuing despite difficulties or setbacks
synonym: unyielding, tireless, unremitting
(1) **relentless** attack, (2) face **relentless** pressure
The athlete's **relentless** training paid off in the end.
- 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.
- exposed** *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
synonym: endangered, revealed, disclosed
(1) **exposed** to radiation, (2) an **exposed** rock
Tech companies often employ **exposed** ducts and other materials in their office interiors.

patch

n. a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose

synonym: mend, repair, fix

(1) **patch** of grass, (2) software **patch**

I need to sew a **patch** onto my jeans that ripped.

advantage

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

synonym: benefit, edge, asset

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

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

uncertain

adj. not being sure of something; not being able to choose

synonym: doubtful, skeptical, pending

(1) numerous **uncertain** factors, (2) take an **uncertain** attitude

She was **uncertain** about her friend's intentions.

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym: frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

nanoparticle

n. a particle of matter that is between 1 and 100 nanometres (nm) in diameter

(1) aluminum **nanoparticle**, (2) atmospheric **nanoparticle**

For some creatures, carbon **nanoparticles** are deadly.

fluoresce

v. to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly

synonym: glow, radiate, luminesce

(1) **fluoresce** yellow, (2) **fluoresce** in the dark
The minerals in the rock **fluoresce** brightly under UV light.

quantum

n. the smallest amount or unit of something, especially (electromagnetic) energy

(1) probabilistic **quantum** theory, (2) laws of **quantum** mechanics

Big techs are now eager to develop **quantum** computers.

dot

n. a very small circular mark, especially one that is printed
synonym: drop, dab, fleck

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

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

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.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

unseen

adj. not seen or noticed; not perceived

synonym: invisible, hidden, undercover

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

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

bargain

n. an agreement between two parties regarding the terms of a purchase or a transaction; a deal or a negotiation that results in a product or a service being acquired for a

lower price than usual or expected

synonym : deal, agreement, pact

(1) **bargain** deal, (2) **bargain** hunting

The price for the used car was a **bargain** compared to the market value.

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.

concentration

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

synonym : attention, engagement, assiduity

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

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

mimic

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

synonym : mirror, imitate, ape

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

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

abundance

n. a significant amount of something; the situation in which there is too much of something

synonym : plenty, affluence, plentitude

(1) an age of **abundance**, (2) an **abundance** of examples

A healthy farm provides an **abundance** of food.

scarcity

n. the state of being in short supply; a small and inadequate amount

synonym : lack, absence, dearth

(1) fuel **scarcity**, (2) **scarcity** of capital

Some research says that a relative decline in teacher salaries

is causing labor **scarcity**.

quantify

v. to express or measure something in numerical terms
synonym: measure, express, determine

(1) **quantify** the results, (2) **quantify** blood flow

He tried to **quantify** the amount of product that was needed to complete the job.

encourage

v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

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.

partnership

n. the state of a cooperative relationship between people or groups, especially in business

synonym: alliance, participation, cooperation

(1) **partnership** across the Atlantic, (2) establish a

partnership

The military **partnership** between the two countries created tension in the international community.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on
synonym: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

puzzling

adj. confusing or difficult to understand; mysterious
synonym: baffling, confusing, enigmatic

(1) **puzzling** behavior, (2) **puzzling** questions

The detective found the clues **puzzling** and couldn't solve the case immediately.

sophistication

n. the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined

synonym: refinement, culture, elegance

(1) cultural **sophistication**, (2) linguistic **sophistication**

The new technology added a level of **sophistication** to the manufacturing process.

medium

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym: average, intermediate, (noun) channel

(1) **medium** color, (2) an advertising **medium**

The **medium** size shirt fits him perfectly.

calculation

n. the act or process of using numbers to judge an amount of something

synonym: analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym : mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

cue

n. a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

synonym : signal, sign, hint

(1) **cue** card, (2) visual **cue**

The director gave the actor a **cue** to begin the scene.

dive

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

synonym : dip, leap, plunge

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

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

resolve

v. to find a suitable answer to the problems or difficulty

synonym : decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error

This company **resolves** its battery problem completely.

hypha

n. a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms

synonym : thread, filament, hair

(1) **hypha** of candida, (2) **hyphal** growth

In some fungi, the **hyphae** form a network called mycelium, which can spread over large soil or organic matter areas.

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym : organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

dissect

v. to cut into pieces to study the structure of something in detail

synonym: analyze, examine, study

(1) **dissect** the data, (2) **dissect** a personality

The scientist **dissected** the frog to study its internal organs.

increasingly

adv. more and more

synonym: more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

reliant

adj. needing something or something to continue, to work correctly, or to succeed

synonym: dependent, subservient

(1) heavily **reliant** on oil, (2) export- **reliant** economy

The company is heavily **reliant** on its overseas operations for revenue.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

profitable

adj. making or likely to make material gain or profit

synonym : advantageous, beneficial, thriving

(1) a **profitable** job, (2) **profitable** trade

The Prohibition amendment made bootlegging **profitable**.

split

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

synonym : break, divide, break apart

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

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

cognitive

adj. of or relating to mental processes of understanding

synonym : perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

capitalism

n. an economic system based on the private ownership of the means of production and their operation for profit

synonym : commercialism

(1) advance **capitalism**, (2) under the umbrella of **capitalism**

Capitalism also guarantees intellectual property rights and thus promotes innovation.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

Session 2: Spelling

1. business ja___n
n. specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify
2. ju___e a competition
n. a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
3. an advertising me___m
adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
4. a det_____nt of crop yields
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
5. a m___s of molten rock
n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
6. pa___h of grass
n. a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose

ANSWERS: 1. jargon, 2. judge, 3. medium, 4. determinant, 5. mass, 6. patch

7. su___y train *n.* an underground railway system, typically in a city
8. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
9. un___d a dishwasher *v.* to remove contents of something from a vehicle, ship, container, etc.
10. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
11. we are non_____ss confident *adv.* in spite of what has just been said or done; nevertheless
12. in_____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
13. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
14. hi___k a phone number *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
15. co_____e against a friend *v.* to strive to achieve more success than someone or something
16. love him non_____ss *adv.* in spite of what has just been said or done; nevertheless
17. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
18. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 7. subway, 8. evolutionary, 9. unload, 10. define, 11. nonetheless, 12. integrate, 13. transport, 14. hijack, 15. compete, 16. nonetheless, 17. biology, 18.

exchange

19. an ab_____ce of examples *n.* a significant amount of something; the situation in which there is too much of something
20. theoretical ph_____st *n.* a scientist who specializes in the field of physics
21. carbon fi_____nt *n.* a thin wire or thread, especially one used to produce light in an electric bulb
22. rapid transit su____y *n.* an underground railway system, typically in a city
23. orchid myc_____za *n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
24. me____m color *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
25. cu_____g thief *adj.* clever or skillful in achieving a goal, especially deceptively or secretly; shrewd or wily
26. opp_____tic behavior *adj.* making use of a current situation to get power or advantage, especially regardless of planning or principle
27. en__t the smoking ban *v.* to make a law; to put something into practice
28. parched s__l *n.* the top layer of Earth in which plants grow

ANSWERS: 19. abundance, 20. physicist, 21. filament, 22. subway, 23. mycorrhiza, 24. medium, 25. cunning, 26. opportunistic, 27. enact, 28. soil

29. sp__t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
30. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
31. die in sp__e of intensive care *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
32. d__t road *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
33. laws of qu_____m mechanics *n.* the smallest amount or unit of something, especially (electromagnetic) energy
34. chicken-and-egg di_____a *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
35. co_____us among scientists *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
36. en_____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

ANSWERS: 29. split, 30. principle, 31. spite, 32. dirt, 33. quantum, 34. dilemma, 35. consensus, 36. encourage

37. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
38. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
39. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
40. sim_____sly affected *adv.* at the same time
41. neo_____al economic model *adj.* relating to a modern political and economic philosophy that emphasizes the promotion of free markets, limited government intervention, privatization, and deregulation
42. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
43. or____d species *n.* a plant with showy or unusual flowers, typically having either a single, complex flower or a cluster of small flowers, many of which are prized for their beauty and often cultivated as ornamental plants
44. sp__t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
45. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

ANSWERS: 37. inflate, 38. dinosaur, 39. concentration, 40. simultaneously, 41. neo-liberal, 42. transport, 43. orchid, 44. split, 45. algorithm

46. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
47. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them
48. pu_____ng questions *adj.* confusing or difficult to understand; mysterious
49. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
50. the co__n at the end of the sentence *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
51. talented ph_____st *n.* a scientist who specializes in the field of physics
52. face inc_____gly complicated challenges *adv.* more and more
53. cal_____on of loss and gain *n.* the act or process of using numbers to judge an amount of something
54. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
55. cu_____g plan *adj.* clever or skillful in achieving a goal, especially deceptively or secretly; shrewd or wily

ANSWERS: 46. associate, 47. dense, 48. puzzling, 49. define, 50. colon, 51. physicist, 52. increasingly, 53. calculation, 54. determinant, 55. cunning

56. probabilistic qu____m theory *n.* the smallest amount or unit of something, especially (electromagnetic) energy
57. co____e fiercely *v.* to strive to achieve more success than someone or something
58. rel____ss attack *adj.* persistent and determined; continuing despite difficulties or setbacks
59. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
60. plutonium ho__d *v.* to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use
61. act as a pi____r *n.* inventor; explorer; someone who is among the first to achieve something
62. ex____d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
63. sc____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
64. bear sp__e against him *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
65. fi____nt lamp *n.* a thin wire or thread, especially one used to produce light in an electric bulb

ANSWERS: 56. quantum, 57. compete, 58. relentless, 59. brain, 60. hoard, 61. pioneer, 62. exposed, 63. scratch, 64. spite, 65. filament

66. nu_____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
67. advance cap_____sm *n.* an economic system based on the private ownership of the means of production and their operation for profit
68. dy_____cs of economy *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
69. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
70. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
71. inc_____le amount *adj.* unbelievable; enormous
72. ru_____ss brutality *adj.* lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others
73. in_____te with a virus *v.* to introduce a vaccine into the body to produce immunity to a specific disease
74. the di_____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
75. una_____le option *adj.* not able to be used or accessed; not present, able to be found, or able to be contacted

ANSWERS: 66. nutrient, 67. capitalism, 68. dynamics, 69. rainforest, 70. penetrate, 71. incredible, 72. ruthless, 73. inoculate, 74. diversity, 75. unavailable

76. ho__d my possessions *v.* to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use
77. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
78. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
79. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
80. acts of al_____sm *n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity
81. tr_____al cyclones *adj.* originating in, located in, or characteristic of the tropics
82. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
83. co__n examination *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
84. in_____te against disease *v.* to introduce a vaccine into the body to produce immunity to a specific disease
85. pro_____le trade *adj.* making or likely to make material gain or profit

ANSWERS: 76. hoard, 77. complexity, 78. survive, 79. evolutionary, 80. altruism, 81. tropical, 82. surprisingly, 83. colon, 84. inoculate, 85. profitable

86. show ru_____ss behavior *adj.* lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others
87. be in a di_____a *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
88. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
89. dy_____cs of group *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
90. ev_____e *v.* to develop gradually, or to cause the development of something or someone gradually
91. take an un_____in attitude *adj.* not being sure of something; not being able to choose
92. up_____e of calcium *n.* the rate or amount of something that is taken in or used by a particular system or organism; the process of taking food into the body through the mouth by eating
93. es_____al amino acid *adj.* indispensable; fundamental

ANSWERS: 86. ruthless, 87. dilemma, 88. structure, 89. dynamics, 90. evolve, 91. uncertain, 92. uptake, 93. essential

94. early pi____rs *n.* inventor; explorer; someone who is among the first to achieve something
95. small sh__b *n.* a woody plant that is smaller than a tree and has several main stems emerging from the soil
96. per_____nt cough *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
97. co_____on disorder *n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
98. brink of ext_____on *n.* the complete disappearance of a species from the earth
99. ubi_____us computing *adj.* being or existing everywhere at once
100. d_t blot method *n.* a very small circular mark, especially one that is printed
101. a leave of ab_____e *n.* the fact or condition of being away from a place where they are typically anticipated to be
102. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
103. take several inputs sim_____sly *adv.* at the same time
104. d__e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

ANSWERS: 94. pioneer, 95. shrub, 96. persistent, 97. cognition, 98. extinction, 99. ubiquitous, 100. dot, 101. absence, 102. variation, 103. simultaneously, 104. dive

105. un___n danger *adj.* not seen or noticed; not perceived
106. a flight of fa__y *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
107. ec____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
108. su_____ss a revolt *v.* to bring something under control by force or authority; to put an end by force
109. use de_____s methods *adj.* cunning and deceitful; not straightforward; tricky
110. ba_____n deal *n.* an agreement between two parties regarding the terms of a purchase or a transaction; a deal or a negotiation that results in a product or a service being acquired for a lower price than usual or expected
111. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
112. 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

ANSWERS: 105. unseen, 106. fancy, 107. economy, 108. suppress, 109. devious, 110. bargain, 111. mimic, 112. function

113. co___n cloth *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
114. fl_____ce in the dark *v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly
115. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
116. t_p a new market *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
117. fl_____sh worldwide *v.* to grow or develop vigorously or successfully
118. b_g the question *v.* to ask for something urgently or earnestly; to appeal to someone to do something
119. qu_____fy blood flow *v.* to express or measure something in numerical terms
120. yellow pho_____us *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
121. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 113. cotton, 114. fluoresce, 115. feat, 116. tap, 117. flourish, 118. beg, 119. quantify, 120. phosphorus, 121. photosynthesis

122. an associate ju__e *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
123. fas_____ard 10 seconds *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
124. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
125. ba_____n hunting *n.* an agreement between two parties regarding the terms of a purchase or a transaction; a deal or a negotiation that results in a product or a service being acquired for a lower price than usual or expected
126. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
127. symbiotic fu____s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
128. social co_____on *n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

ANSWERS: 122. judge, 123. fast-forward, 124. experiment, 125. bargain, 126. movement, 127. fungus, 128. cognition

129. sc_____ty of capital *n.* the state of being in short supply; a small and inadequate amount
130. field of vi___l arts *adj.* relating to seeing or sight
131. al_____te budgets *v.* to give or distribute something, such as resources or duties, to someone or something for a particular purpose
132. an ad_____te of disarmament *n.* a person who supports or suggests an idea, development, or way of doing something
133. ni_____en absorption *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
134. r___y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
135. botanical ex_____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
136. chemical re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
137. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 129. scarcity, 130. visual, 131. allocate, 132. advocate, 133. nitrogen, 134. rely, 135. extract, 136. reaction, 137. ecosystem

138. software pa__h *n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
139. d__e off a cliff *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
140. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
141. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
142. military st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
143. v__y according to the age *v.* to become different in terms of size, shape, etc.
144. es_____al commodities of life *adj.* indispensable; fundamental
145. tree and sh__bs *n.* a woody plant that is smaller than a tree and has several main stems emerging from the soil
146. opp_____tic fungus *adj.* making use of a current situation to get power or advantage, especially regardless of planning or principle
147. scientific ja___n *n.* specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify

ANSWERS: 138. patch, 139. dive, 140. experiment, 141. incredibly, 142. strategy, 143. vary, 144. essential, 145. shrub, 146. opportunistic, 147. jargon

148. pa__e a moment *v.* to take a short break from talking or doing something before continuing
149. a green v__e *n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
150. in_____ct with one another *v.* to communicate or react with somebody
151. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
152. nu_____on condition *n.* the substances or the process that organisms take into their bodies as food for their growth and health
153. ar_____le formation *n.* an intricate, tree-like structure that forms in the tissues of plant roots as a result of a symbiotic relationship with certain types of fungi, allowing for increased nutrient absorption
154. al_____sm in society *n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity
155. ar_____le morphology *n.* an intricate, tree-like structure that forms in the tissues of plant roots as a result of a symbiotic relationship with certain types of fungi, allowing for increased nutrient absorption

ANSWERS: 148. pause, 149. vine, 150. interact, 151. process, 152. nutrition, 153. arbuscule, 154. altruism, 155. arbuscule

156. linguistic sop_____ion *n.* the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
157. ch__t on my taxes *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
158. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
159. centimeter-g__m-second system *n.* a metric unit of weight equal to one-thousandth of a kilogram
160. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
161. con_____te with a disease *v.* to make something impure, unclean, or poisonous by contact or mixture
162. di_____t a personality *v.* to cut into pieces to study the structure of something in detail
163. inc_____gly become common *adv.* more and more
164. cultural sop_____ion *n.* the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
165. de_____s plot *adj.* cunning and deceitful; not straightforward; tricky
166. pho_____us element *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

ANSWERS: 156. sophistication, 157. cheat, 158. progression, 159. gram, 160. incredibly, 161. contaminate, 162. dissect, 163. increasingly, 164. sophistication, 165. devious, 166. phosphorus

167. water flowing und_____nd
adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
168. visual c_e
n. a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
169. dis_____ing eye
adj. having or showing the ability to judge or discern, typically by distinguishing differences or making careful and considered choices; selective in a discerning way; showing refined taste or awareness of quality
170. th___d a catheter
n. a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
171. the st_____re of a machine
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
172. en_____ge a sense of affinity
v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

ANSWERS: 167. underground, 168. cue, 169. discriminating, 170. thread, 171. structure, 172. encourage

173. em___e from poverty *v.* to move out of or away from something and become visible
174. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
175. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
176. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
177. a ce_____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
178. thi_____ul of coffee *n.* a small amount of liquid that would fit into a thimble (= a small, bell-shaped implement); a very small amount or quantity of anything
179. public education ad_____tes *n.* a person who supports or suggests an idea, development, or way of doing something
180. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
181. av__l you little *v.* to help or benefit; to use or take advantage of

ANSWERS: 173. emerge, 174. inflate, 175. carbon, 176. basis, 177. cellular, 178. thimbleful, 179. advocate, 180. algorithm, 181. avail

182. de__e forests *adj.* containing a large number of people or something with little space between them
183. as____te with people widely *v.* to mentally connect someone or something with someone or something else
184. per____nt data *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
185. di____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
186. global b__d market *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
187. v__e of ore *n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
188. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
189. ch__t in a game *v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws

ANSWERS: 182. dense, 183. associate, 184. persistent, 185. dinosaur, 186. bond, 187. vine, 188. process, 189. cheat

190. make a cal_____on *n.* the act or process of using numbers to judge an amount of something
191. ab_____e from work *n.* the fact or condition of being away from a place where they are typically anticipated to be
192. complete no_____ly *adv.* usually; under normal conditions
193. una_____le resource *adj.* not able to be used or accessed; not present, able to be found, or able to be contacted
194. numerous un_____in factors *adj.* not being sure of something; not being able to choose
195. face rel_____ss pressure *adj.* persistent and determined; continuing despite difficulties or setbacks
196. lingual di_____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
197. em_____e as a butterfly *v.* to move out of or away from something and become visible
198. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
199. pe_____te a cell *v.* to pass into or through something, often by overcoming resistance
200. ability to de_____e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand

ANSWERS: 190. calculation, 191. absence, 192. normally, 193. unavailable, 194. uncertain, 195. relentless, 196. diversity, 197. emerge, 198. decision, 199. penetrate, 200. decode

201. su____e a plane crash *v.* to live or exist despite a dangerous event or period
202. aluminum nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
203. st_____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
204. a pro_____le job *adj.* making or likely to make material gain or profit
205. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
206. burn with je_____sy *n.* a feeling of resentment or bitterness towards someone because they have something that you desire
207. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
208. g__m amount *n.* a metric unit of weight equal to one-thousandth of a kilogram
209. start a new th____d *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 201. survive, 202. nanoparticle, 203. struggle, 204. profitable, 205. soil, 206. jealousy, 207. cellular, 208. gram, 209. thread

210. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
211. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
212. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
213. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing
214. c_e card *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
215. an un___n force *adj.* not seen or noticed; not perceived
216. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
217. a peaceful la_____pe *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
218. under the umbrella of cap_____sm *n.* an economic system based on the private ownership of the means of production and their operation for profit

ANSWERS: 210. photosynthesis, 211. biology, 212. carbon, 213. pause, 214. cue, 215. unseen, 216. tap, 217. landscape, 218. capitalism

219. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
220. st_____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
221. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
222. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
223. ext_____on prevention *n.* the complete disappearance of a species from the earth
224. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
225. par_____ip across the Atlantic *n.* the state of a cooperative relationship between people or groups, especially in business
226. blood-sucking pa_____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
227. human ev_____on *n.* a gradual process of transformation of living things
228. hy__al growth *n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms

ANSWERS: 219. brain, 220. struggle, 221. fungus, 222. roughly, 223. extinction, 224. concentration, 225. partnership, 226. parasite, 227. evolution, 228. hypha

229. st_____ng therapy *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
230. do on a con_____nt basis *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
231. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
232. di_____t the data *v.* to cut into pieces to study the structure of something in detail
233. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
234. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
235. v__y directly with the price *v.* to become different in terms of size, shape, etc.
236. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 229. stimming, 230. consistent, 231. mass, 232. dissect, 233. movement, 234. decode, 235. vary, 236. economy

237. hy__a of candida *n.* a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms
238. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
239. culture of co___n *n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
240. heavily re_____t on oil *adj.* needing something or something to continue, to work correctly, or to succeed
241. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
242. score an ad_____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
243. d__t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
244. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
245. ubi_____us across ecosystems *adj.* being or existing everywhere at once
246. ex_____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 237. hypha, 238. mimic, 239. cotton, 240. reliant, 241. feat, 242.

advantage, 243. dirt, 244. ecosystem, 245. ubiquitous, 246. exchange

247. pu____ng behavior *adj.* confusing or difficult to understand; mysterious
248. not no____ly drink much *adv.* usually; under normal conditions
249. up____e rate *n.* the rate or amount of something that is taken in or used by a particular system or organism; the process of taking food into the body through the mouth by eating
250. autistic st____ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
251. an ex____d rock *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
252. fuel sc____ty *n.* the state of being in short supply; a small and inadequate amount
253. algebraic ine____ty *n.* the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
254. man____te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
255. vi____l navigation *adj.* relating to seeing or sight
256. rec____al actions *adj.* given or felt by each toward the other; mutual; corresponding or interchangeable

ANSWERS: 247. puzzling, 248. normally, 249. uptake, 250. stimming, 251. exposed, 252. scarcity, 253. inequality, 254. manipulate, 255. visual, 256. reciprocal

257. su____ss a yawn *v.* to bring something under control by force or authority; to put an end by force
258. connecting the d_ts *n.* a very small circular mark, especially one that is printed
259. ine_____ty in salary *n.* the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
260. sense of mo_____ty *n.* principles of right and evil or good and bad behavior
261. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
262. neo_____al ideology *adj.* relating to a modern political and economic philosophy that emphasizes the promotion of free markets, limited government intervention, privatization, and deregulation
263. atmospheric nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
264. thi_____ul of water *n.* a small amount of liquid that would fit into a thimble (= a small, bell-shaped implement); a very small amount or quantity of anything
265. export-re_____t economy *adj.* needing something or something to continue, to work correctly, or to succeed
266. improve co_____ve function *adj.* of or relating to mental processes of understanding

ANSWERS: 257. suppress, 258. dot, 259. inequality, 260. morality, 261. nutrient, 262. neo-liberal, 263. nanoparticle, 264. thimbleful, 265. reliant, 266. cognitive

267. fl_____ce yellow *v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly
268. hi___k a helicopter *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
269. re_____e the computer error *v.* to find a suitable answer to the problems or difficulty
270. pa_____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
271. b_g for help *v.* to ask for something urgently or earnestly; to appeal to someone to do something
272. at inc_____le speed *adj.* unbelievable; enormous
273. vulnerable to man_____te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
274. ec_____cs professor *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
275. tr_____al islands *adj.* originating in, located in, or characteristic of the tropics
276. myc_____za fungi *n.* a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis

ANSWERS: 267. fluoresce, 268. hijack, 269. resolve, 270. parasite, 271. beg, 272. incredible, 273. manipulate, 274. economics, 275. tropical, 276. mycorrhiza

277. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
278. je_____sy feeling towards another person *n.* a feeling of resentment or bitterness towards someone because they have something that you desire
279. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
280. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
281. designed spe_____lly for men *adv.* only associated with or meant for one thing
282. get con_____nt results *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
283. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
284. for spe_____lly American customers *adv.* only associated with or meant for one thing
285. or___d garden *n.* a plant with showy or unusual flowers, typically having either a single, complex flower or a cluster of small flowers, many of which are prized for their beauty and often cultivated as ornamental plants
286. re_____e a dispute *v.* to find a suitable answer to the problems or difficulty

ANSWERS: 277. surprisingly, 278. jealousy, 279. basis, 280. progression, 281. specifically, 282. consistent, 283. rely, 284. specifically, 285. orchid, 286. resolve

287. un___d the cargo *v.* to remove contents of something from a vehicle, ship, container, etc.
288. har_____us relationship *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
289. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
290. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
291. tropical rai_____st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
292. har_____us blend *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
293. heavy ni_____en *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
294. b__d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

ANSWERS: 287. unload, 288. harmonious, 289. integrate, 290. decision, 291. rainforest, 292. harmonious, 293. nitrogen, 294. bond

295. und_____nd activist *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
296. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
297. have a rec_____al respect *adj.* given or felt by each toward the other; mutual; corresponding or interchangeable
298. welfare ec_____cs *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
299. fas_____ard to the good part *v.* to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
300. a public co_____us *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
301. develop a st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
302. con_____te his ego *v.* to make something impure, unclean, or poisonous by contact or mixture
303. al_____te resource *v.* to give or distribute something, such as resources or duties, to someone or something for a particular purpose
304. establish a par_____ip *n.* the state of a cooperative relationship between people or groups, especially in business

ANSWERS: 295. underground, 296. variation, 297. reciprocal, 298. economics, 299. fast-forward, 300. consensus, 301. strategy, 302. contaminate, 303. allocate, 304. partnership

305. en__t new legislation *v.* to make a law; to put something into practice
306. ad_____on to foreign oil *n.* the inability to stop using or doing something as a habit, especially something harmful
307. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
308. sc_____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
309. alcohol ad_____on *n.* the inability to stop using or doing something as a habit, especially something harmful
310. ev_____on theory *n.* a gradual process of transformation of living things
311. trigger a re_____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
312. research on co_____ve psychology *adj.* of or relating to mental processes of understanding
313. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
314. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
315. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 305. enact, 306. addiction, 307. complexity, 308. scratch, 309. addiction, 310. evolution, 311. reaction, 312. cognitive, 313. roughly, 314. principle, 315. extract

316. fl____sh economically *v.* to grow or develop vigorously or successfully
317. business mo____ty *n.* principles of right and evil or good and bad behavior
318. nu_____on intake *n.* the substances or the process that organisms take into their bodies as food for their growth and health
319. 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
320. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
321. industry be_____rk *n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance
322. av__l ourselves of this opportunity *v.* to help or benefit; to use or take advantage of
323. qu_____fy the results *v.* to express or measure something in numerical terms
324. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 316. flourish, 317. morality, 318. nutrition, 319. function, 320. landscape, 321. benchmark, 322. avail, 323. quantify, 324. evolve

325. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
326. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
327. dis_____ing judgment *adj.* having or showing the ability to judge or discern, typically by distinguishing differences or making careful and considered choices; selective in a discerning way; showing refined taste or awareness of quality
328. in_____ct directly with customers *v.* to communicate or react with somebody
329. an age of ab_____ce *n.* a significant amount of something; the situation in which there is too much of something
330. performance be_____rk *n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance

ANSWERS: 325. advantage, 326. fancy, 327. discriminating, 328. interact, 329. abundance, 330. benchmark

Session 3: Fill in the Blanks

1. He had to _____ the merchandise before the Black Friday bargain.
v. to remove contents of something from a vehicle, ship, container, etc.

2. Consumption of vegetables may aid in the prevention of _____ cancer.
n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

3. Despite the setbacks, he remained _____ in his pursuit of his dreams.
adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

4. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery

5. They study the _____ of the universe.
n. a gradual process of transformation of living things

6. The price of raw _____ continued to rise.
n. a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

7. The man _____ before opening the door.
v. to take a short break from talking or doing something before continuing

ANSWERS: 1. unload, 2. colon, 3. persistent, 4. feat, 5. evolution, 6. cotton, 7. paused

8. _____ gas is used to inflate car tires because it does not react with rubber.
n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
9. He did it out of _____ to annoy me.
n. feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
10. The painting's _____ composition and balance of colors made it a masterpiece.
adj. characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
11. He should _____ more with his colleagues.
v. to communicate or react with somebody
12. Our company found it _____ difficult to keep up with the competition.
adv. more and more
13. There are several causes of economic _____ within societies.
n. the unfairness of a society in which some people have more opportunity, money, etc. than others; (mathematics) relation between two values when they are different
14. The two parties have reached a _____.
n. general agreement or accord in the judgment or opinion reached by a group as a whole

ANSWERS: 8. Nitrogen, 9. spite, 10. harmonious, 11. interact, 12. increasingly, 13. inequality, 14. consensus

15. The new technology added a level of _____ to the manufacturing process.
- n.* the quality or state of having a great deal of worldly experience; the quality or state of being intellectually or culturally refined
16. Enhanced rail _____ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on
17. The _____ size shirt fits him perfectly.
- adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
18. The relationship _____ between the two countries were complex and constantly changing.
- n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
19. He was impressed by the range and _____ of the collection.
- n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
20. The company _____ a portion of its profits to developing new products.
- v.* to give or distribute something, such as resources or duties, to someone or something for a particular purpose
21. The _____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 15. sophistication, 16. transportation, 17. medium, 18. dynamics, 19. diversity, 20. allocated, 21. mass

22. Even though he knew it was wrong, he _____ on the exam.
- v.* to act dishonestly or unfairly to gain an advantage or to deceive someone; to break the rules or laws
23. A healthy farm provides an _____ of food.
- n.* a significant amount of something; the situation in which there is too much of something
24. The company has made great strides in its _____ toward sustainability.
- n.* the act or process of changing to the next stage or phase or moving forward
25. This ad campaign is aimed _____ at young women.
- adv.* only associated with or meant for one thing
26. They used fast-acting _____ on the flowers in the flower beds.
- n.* any substance that is essential for the maintenance and growth of living things
27. She _____ the balloons for the party.
- v.* to fill something with air or gas so that it becomes bigger and rounder
28. For some creatures, carbon _____ are deadly.
- n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
29. The financial industry is notorious for using complicated _____ that confuses consumers.
- n.* specialized language or vocabulary used by a particular group or profession that is often difficult for outsiders to understand; language that is full of technical slang or obscure terms and is often used to obscure or confuse rather than clarify

ANSWERS: 22. cheated, 23. abundance, 24. progression, 25. specifically, 26. nutrients, 27. inflated, 28. nanoparticles, 29. jargon

30. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
31. X-rays revealed a small tumor in his _____.
n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling
32. The entire mountain is covered in _____ rainforest.
adj. containing a large number of people or something with little space between them
33. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.
n. the complete disappearance of a species from the earth
34. The doctor _____ the child with a vaccine.
v. to introduce a vaccine into the body to produce immunity to a specific disease
35. I don't _____ acting in such an important role.
v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
36. He took the _____ to work every day to avoid traffic congestion.
n. an underground railway system, typically in a city
37. The majority of consumers _____ this brand with quality.
v. to mentally connect someone or something with someone or something else

ANSWERS: 30. structure, 31. brain, 32. dense, 33. extinction, 34. inoculated, 35. fancy, 36. subway, 37. associate

38. I like to _____ through commercials when watching TV shows.
- v. to advance or move forward in time or progress, particularly in a rapid or accelerated manner; to increase the playback speed of a recording
39. The sperm whale can _____ to 1,000 meters.
- v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
40. 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
41. The doctor prescribed medication to _____ the patient's appetite.
- v. to bring something under control by force or authority; to put an end by force
42. The dictator was known for his _____ tactics and had no qualms about using violence to maintain power.
- adj. lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others
43. He is very popular at school because he can _____ all the teachers' accents.
- v. to imitate someone's speech, movement, or behavior, especially to make others laugh
44. How much is it per one hundred _____
- n. a metric unit of weight equal to one-thousandth of a kilogram
45. He could not _____ against temptation.
- v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

ANSWERS: 38. fast-forward, 39. dive, 40. biology, 41. suppress, 42. ruthless, 43. mimic, 44. grams?, 45. struggle

46. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
47. The athlete's _____ training paid off in the end.
adj. persistent and determined; continuing despite difficulties or setbacks
48. Her response revealed _____ idiocy.
adj. unbelievable; enormous
49. I only need a _____ of sugar for my tea, and I don't like it too sweet.
n. a small amount of liquid that would fit into a thimble (= a small, bell-shaped implement); a very small amount or quantity of anything
50. His _____ of his brother's success caused a rift in their relationship.
n. a feeling of resentment or bitterness towards someone because they have something that you desire
51. Some studies have shown that plants grown in soil with a high population of _____ fungi are more resistant to drought and disease.
n. a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
52. The _____ fox managed to elude the hunters and escape with his prey.
adj. clever or skillful in achieving a goal, especially deceptively or secretly; shrewd or wily
53. The error in the _____ was attributable to rounding.
n. the act or process of using numbers to judge an amount of something

ANSWERS: 46. complexity, 47. relentless, 48. incredible, 49. thimbleful, 50. jealousy, 51. mycorrhizal, 52. cunning, 53. calculation

54. _____ storm Marco is making his way along the coast of Florida.
adj. originating in, located in, or characteristic of the tropics
55. The garden was filled with _____ and needed to be tilled before planting.
n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
56. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
57. Five miles is _____ similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
58. Babies heavily _____ on others for food.
v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
59. Some research says that a relative decline in teacher salaries is causing labor _____.
n. the state of being in short supply; a small and inadequate amount
60. He made a desperate effort to _____ an airliner.
v. to seize control of an airplane or other vehicle during an operation, especially with violence
61. This food contains all the _____ your dog requires.
n. the substances or the process that organisms take into their bodies as food for their growth and health

ANSWERS: 54. Tropical, 55. dirt, 56. reaction, 57. roughly, 58. rely, 59. scarcity, 60. hijack, 61. nutrition

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

adj. not seen or noticed; not perceived

63. The _____ of the new technology was slower than expected.

n. the rate or amount of something that is taken in or used by a particular system or organism; the process of taking food into the body through the mouth by eating

64. Having _____ parking has been very beneficial throughout the winter.

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

65. The destruction of the _____ is a ticking time bomb for the Earth.

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

66. The scientist _____ the frog to study its internal organs.

v. to cut into pieces to study the structure of something in detail

67. The _____ plan to cheat on the test was foiled by the teacher.

adj. cunning and deceitful; not straightforward; tricky

68. Einstein was an outstanding and famous _____ of the 20th century.

n. a scientist who specializes in the field of physics

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

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

ANSWERS: 62. unseen, 63. uptake, 64. underground, 65. rainforest, 66. dissected, 67. devious, 68. physicist, 69. photosynthesis,

70. The wallpaper had a pattern of pink _____ on a white surface.
- n.* a very small circular mark, especially one that is printed
71. My sister and I frequently _____ books, as we love reading.
- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
72. Please tell me how to _____ this computer.
- v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
73. 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
74. He is now fighting his _____ to drugs.
- n.* the inability to stop using or doing something as a habit, especially something harmful
75. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
76. We strive not to _____ the environment when demolishing petroleum plants.
- v.* to make something impure, unclean, or poisonous by contact or mixture

ANSWERS: 70. dots, 71. exchange, 72. manipulate, 73. ecosystem, 74. addiction, 75. dinosaur, 76. contaminate

77. Tech companies often employ _____ ducts and other materials in their office interiors.
adj. having no protection or shield from something, such as bad weather, attack, or criticism
78. I need to sew a _____ onto my jeans that ripped.
n. a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
79. Big techs are now eager to develop _____ computers.
n. the smallest amount or unit of something, especially (electromagnetic) energy
80. His _____ faculties were getting worse because of a lack of sleep.
adj. of or relating to mental processes of understanding
81. 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
82. You must _____ with others to obtain this position.
v. to strive to achieve more success than someone or something
83. This evidence will form the _____ for our discussion.
n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
84. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something

ANSWERS: 77. exposed, 78. patch, 79. quantum, 80. cognitive, 81. variation, 82. compete, 83. basis, 84. define

85. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
86. The detective found the clues _____ and couldn't solve the case immediately.
- adj.* confusing or difficult to understand; mysterious
87. The government's _____ policies prioritize free-market capitalism over social welfare programs.
- adj.* relating to a modern political and economic philosophy that emphasizes the promotion of free markets, limited government intervention, privatization, and deregulation
88. Our plan includes a comprehensive marketing _____.
- n.* a detailed plan of action designed to achieve a long-term or overall goal.
89. The detective followed a _____ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
90. The building makes a remarkable _____ impact.
- adj.* relating to seeing or sight
91. They each choose _____ to battle.
- adv.* in spite of what has just been said or done; nevertheless

ANSWERS: 85. landscape, 86. puzzling, 87. neo-liberal, 88. strategy, 89. thread, 90. visual, 91. nonetheless

92. Their relationship was based on _____ love and respect for each other.

adj. given or felt by each toward the other; mutual; corresponding or interchangeable

93. _____ compounds are commonly used to manufacture fertilizers to promote plant growth.

n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

94. He found that it is difficult to _____ socially.

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

95. The price for the used car was a _____ compared to the market value.

n. an agreement between two parties regarding the terms of a purchase or a transaction; a deal or a negotiation that results in a product or a service being acquired for a lower price than usual or expected

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

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

97. The strict _____ ruled in favor of the plaintiff in the case.

n. a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

98. Certain types of _____ can be toxic to humans, causing severe illness if ingested.

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 92. reciprocal, 93. Phosphorus, 94. integrate, 95. bargain, 96. advantages, 97. judge, 98. fungus

99. She was _____ about her friend's intentions.

adj. not being sure of something; not being able to choose

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

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

101. Many of the party's members joined for simply _____ reasons.

adj. making use of a current situation to get power or advantage, especially regardless of planning or principle

102. This company _____ its battery problem completely.

v. to find a suitable answer to the problems or difficulty

103. John Whitney was a computer animation _____.

n. inventor; explorer; someone who is among the first to achieve something

104. The company is heavily _____ on its overseas operations for revenue.

adj. needing something or something to continue, to work correctly, or to succeed

105. Sugar is _____ in food.

adj. being or existing everywhere at once

106. She found fault with the _____ of politicians.

n. principles of right and evil or good and bad behavior

107. In some fungi, the _____ form a network called mycelium, which can spread over large soil or organic matter areas.

n. a threadlike structure that is part of the vegetative growth of fungi and certain other microorganisms

ANSWERS: 99. uncertain, 100. decision, 101. opportunistic, 102. resolves, 103. pioneer, 104. reliant, 105. ubiquitous, 106. morality, 107. hyphae

108. The _____ in the light bulb burned out, and now it's not working.
n. a thin wire or thread, especially one used to produce light in an electric bulb
109. The software could _____ the encrypted data and reveal the hidden information.
v. to convert something, such as a message or piece of information, from a specific form into one that you can understand
110. One _____ of success is having a positive attitude and a strong work ethic.
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
111. You are not _____ in your behavior.
adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.
112. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow
113. I don't _____ take a vacation in the middle of summer.
adv. usually; under normal conditions
114. Efficiency isn't an essential _____ here; fairness is.
n. a fundamental law or truth that explains or controls how something happens or works
115. _____ of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.
n. a person who supports or suggests an idea, development, or way of doing something

ANSWERS: 108. filament, 109. decode, 110. determinant, 111. consistent, 112. Soil, 113. normally, 114. principle, 115. Advocates

116. To expand the company, we must ____ new human resources.

- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

117. The professor focused on the research of infant _____.

- n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

118. They had formed a friendship _____.

- n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

119. The Ottoman Empire _____ for over five centuries.

- v.* to grow or develop vigorously or successfully

120. Trees absorb _____ dioxide and give off oxygen.

- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

121. The choice between bureaucracy and adhococracy represents a common _____.

- n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

122. The exam was _____ tricky for everyone.

- adv.* in a way that causes amazement or wonder

123. Maximum heart rates ____ a lot for each individual.

- v.* to become different in terms of size, shape, etc.

ANSWERS: 116. tap, 117. cognition, 118. bond, 119. flourished, 120. carbon, 121. dilemma, 122. surprisingly, 123. vary

124. A _____ remains productive throughout the year.
n. a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
125. Trial and error is an _____ part of education.
adj. indispensable; fundamental
126. Western ideology slowly _____ through the eastern countries.
v. to pass into or through something, often by overcoming resistance
127. _____ 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
128. These are _____ with no trunks that rarely grow taller than 3 meters.
n. a woody plant that is smaller than a tree and has several main stems emerging from the soil
129. He tried to _____ the amount of product that was needed to complete the job.
v. to express or measure something in numerical terms
130. These birds can only _____ in temperate climates.
v. to live or exist despite a dangerous event or period
131. This exam requires excellent _____ to pass.
n. the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 124. vine, 125. essential, 126. penetrates, 127. Evolutionary, 128. shrubs, 129. quantify, 130. survive, 131. concentration

132. Their financing options are reasonable and easy to _____.

- v. to help or benefit; to use or take advantage of

133. They _____ a common secret instead of sharing it.

- v. to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use

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

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

135. During colonial eras, new migratory patterns _____.

- v. to move out of or away from something and become visible

136. Tapeworms are _____ that live in the intestines of humans and animals.

- n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

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

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

138. Eyeless fish _____ in dark caves.

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

ANSWERS: 132. avail, 133. hoarded, 134. economy, 135. emerged, 136. parasites, 137. process, 138. evolved

139. His class will cover an introduction to agricultural _____.
- n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
140. Autistic children may engage in _____ behaviors, such as rocking or hand flapping, to self-regulate.
- n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
141. The restaurant has _____ tastes when selecting the best ingredients for their dishes.
- adj.* having or showing the ability to judge or discern, typically by distinguishing differences or making careful and considered choices; selective in a discerning way; showing refined taste or awareness of quality
142. Anesthetize the gum before _____ the teeth.
- n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
143. The director gave the actor a ____ to begin the scene.
- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
144. The teacher used a _____ to measure the progress of her students.
- n.* a standard or reference point used for comparison or evaluation; a point of reference for measuring progress or performance
145. They _____ customers with a premium for loyal patronage.
- v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

ANSWERS: 139. economics, 140. stimming, 141. discriminating, 142. extracting, 143. cue, 144. benchmark, 145. encouraged

146. The _____ blooms were so delicate and beautiful.

- n.* a plant with showy or unusual flowers, typically having either a single, complex flower or a cluster of small flowers, many of which are prized for their beauty and often cultivated as ornamental plants

147. She _____ her parents to let her go to the concert.

- v.* to ask for something urgently or earnestly; to appeal to someone to do something

148. Two students answered the teacher's question _____.

- adv.* at the same time

149. The professor is currently _____ but will respond to your email as soon as possible

- adj.* not able to be used or accessed; not present, able to be found, or able to be contacted

150. His act of volunteering at the homeless shelter was a clear example of practical _____.

- n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity

151. His _____ showed highly positive results.

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

152. The minerals in the rock _____ brightly under UV light.

- v.* to emit visible light when exposed to certain sources of radiation, such as ultraviolet light; to glow or shine brightly

ANSWERS: 146. orchid, 147. begged, 148. simultaneously, 149. unavailable, 150. altruism, 151. experiments, 152. fluoresce

153. Don't _____ your mosquito bites.

- v.* to cut or damage the surface of something or the skin with a sharp or pointed object

154. 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

155. The _____ of the dancers on stage was graceful and elegant.

- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

156. The Prohibition amendment made bootlegging _____.

- adj.* making or likely to make material gain or profit

157. We can evaluate the performance of an _____ in terms of computation time.

- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

158. _____ also guarantees intellectual property rights and thus promotes innovation.

- n.* an economic system based on the private ownership of the means of production and their operation for profit

159. The government _____ this law in 1925.

- v.* to make a law; to put something into practice

ANSWERS: 153. scratch, 154. function, 155. movement, 156. profitable, 157. algorithm, 158. Capitalism, 159. enacted

160. _____ symbiosis is a type of mycorrhizal association between plants and fungi.
- n.* an intricate, tree-like structure that forms in the tissues of plant roots as a result of a symbiotic relationship with certain types of fungi, allowing for increased nutrient absorption
161. Another critical factor of child poverty is the father's _____.
- n.* the fact or condition of being away from a place where they are typically anticipated to be
162. The military _____ between the two countries created tension in the international community.
- n.* the state of a cooperative relationship between people or groups, especially in business
163. Companies often _____ their shares to lower the stock price and encourage investors to buy.
- v.* to divide, or to make something divide into two or more parts, especially along a particular line
164. This factory employs a _____ manufacturing system.
- adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
165. Several cities are experiencing _____ high unemployment rates.
- adv.* in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 160. Arbuscule, 161. absence, 162. partnership, 163. split, 164. cellular, 165. incredibly