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Vocabulary Builder Reference from...

Christina Agapakis: What happens when biology becomes technology? | TED Talk

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

All Words

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Session 1: Word List

briefcase

n. a flat, rectangular container, typically made of leather or other sturdy material, used for carrying documents, books, or other important items

synonym: portfolio, attaché, case

(1) **briefcase** handle, (2) leather **briefcase**

The detective found crucial evidence inside the suspect's **briefcase**.

graduate

n. a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree

synonym: alumna, alum, grad

(1) **graduate** degree program, (2) honor **graduate**

Many employers hire **graduate** trainees to train as managers.

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.

genetic

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

synonym: hereditary, genetical, inborn

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

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

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

competition

n. a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

undergraduate

n. a student who is studying for their first degree at a university or other higher education institution

synonym: college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course

The class was composed of both **undergraduate** and graduate students.

daisy

n. a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead

synonym: marguerite, bellis, chrysanthemum

(1) **daisy** chain, (2) lawn **daisy**

She picked a blue **daisy** from the meadow and placed it in her hair.

embroider

v. to decorate or embellish a fabric or piece of clothing with ornamental or colorful designs using needlework; to add fictitious or exaggerated details to a story or account

synonym : decorate, adorn, embellish

(1) **embroider** a dress, (2) **embroider** a cushion

She chose to **embroider** her initials onto the scarf as a personal touch.

polo

n. a sport played on horseback in which two teams try to hit a ball through a goal using long-handled mallets

(1) **polo** shirt, (2) **polo** championship

I watched a thrilling **polo** match at the club over the weekend.

handcuff

n. a pair of metal restraints that are designed to lock around a person's wrists and prevent them from moving their hands freely; (verb) to restrain or restrict the movement of a person by applying handcuffs, typically as part of an arrest or other security-related process

synonym : shackle, bind, restraint

(1) **handcuff** his wrists, (2) break free from **handcuffs**

The police officer put **handcuffs** on the suspect before placing them in the squad car.

wrist

n. the joint between the hand and the forearm; the narrow part of the hand near this joint

synonym : carpus

(1) **wrist** bones, (2) glance at my **wrist** watch

He sprained his **wrist** while playing basketball.

gesture

n. a movement of the hands, head, or face that express a particular meaning

synonym : motion, expression, gesticulation

(1) **gesture** of goodwill, (2) hand **gesture**

She made a facial **gesture** to express disagreement.

sneak

v. to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily

synonym : creep, tiptoe, smuggle

(1) **sneak** a cigarette, (2) **sneak** out of danger

The children tried to **sneak** out and eat the candy.

glorious

adj. having or deserving great admiration, praise, and honor;
having great beauty and splendor

synonym : exquisite, magnificent, majestic

(1) a **glorious** victory, (2) photo in **glorious** color

I choose a **glorious** death rather than a shameful life.

multicolored

adj. having many colors

synonym : variegated, multihued, multicoloured

(1) **multicolored** lights, (2) **multicolored** dress

The **multicolored** parrot was a beautiful sight.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

coli

n. a bacterium of the genus *Escherichia* that is commonly found in the human gut and is used as a model organism in molecular biology and biochemistry

(1) *E. coli* bacteria strain, (2) **coli** cells

The study of *Escherichia coli* has led to important advancements in areas such as antibiotic resistance, gut microbiome, and synthetic biology.

environment

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

synonym : atmosphere, surroundings, climate

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

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

rainbow

n. an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain

synonym : spectrum, iridescence, prism

(1) marine **rainbow**, (2) **rainbow** after a storm

She was mesmerized by the **rainbow's** colors.

arsenic

n. a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives

synonym : poison, toxin

(1) **arsenic** poisoning, (2) **arsenic** contamination

Exposure to **arsenic** in drinking water can cause serious health problems.

strain

n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

synonym : pressure, tension, breed

(1) **strain** our eyes, (2) a **strain** of bacillus

Dictators of the past often had the erroneous idea of a pure racial **strain**.

collaborate

v. to work with someone else to produce or achieve something

synonym : cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym : plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

probiotic

n. a substance, typically a live bacterium, that is ingested to provide health benefits, particularly in aiding digestion or strengthening the immune system

synonym : probiotic bacteria, beneficial bacteria, microflora

(1) **probiotic** supplement, (2) **probiotic** yogurt

Probiotic-rich foods, such as kefir and sauerkraut, can improve digestive health.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

gut

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

synonym : belly, abdomen, courage

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

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

holy

adj. of or related to a god, divine power, or a particular religion

synonym : sacred, religious, divine

(1) a **holy** man, (2) a **holy** shrine

They gathered to hear the **holy** teachings of the guru.

genetically

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

synonym : hereditary, inherited, family-related

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

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

gem

n. a precious or semiprecious stone, usually of high quality and often used as jewelry; something that is considered to be a highly prized and valuable possession or attribute of a person or thing

synonym: jewel, precious stone, diamond

(1) **gem** collection, (2) hidden **gem**

The enga **gement** ring was a precious gem passed down through generations of her family.

synthetic

adj. made by combining chemical substances as opposed to being naturally occurring

synonym: artificial, manufactured, fabricated

(1) **synthetic** fiber, (2) **synthetic** fertilizer

Synthetic diamonds play an essential role as machine tool blades.

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.

weird

adj. extraordinary, unexpected, or difficult to explain

synonym: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

definitely

adv. without any question and beyond doubt; clearly

synonym: absolutely, certainly, indeed

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

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

oxymoron

n. a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"

synonym: contradiction in terms, paradox, self-contradiction

(1) **oxymoron** phrase, (2) literary **oxymoron**

"Awfully good" is an **oxymoron** that can be used to describe something that's both bad and good simultaneously.

poke

v. to push or prod with a sharp object or the finger

synonym : prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym : border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

sudoku

n. a logic-based, combinatorial number-placement puzzle that typically consists of a 9x9 grid divided into nine 3x3 sub-grids and requires the solver to fill in each empty square with a number from 1-9, with the constraint that no number can appear more than once in a row, column, or sub-grid

synonym : number puzzle, logic game, brain teaser

(1) the difficulty level of **sudoku**, (2) solve a **sudoku**

I enjoy solving **sudoku** puzzles in my free time.

spider

n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing

synonym : arachnid, wanderer

(1) **spider** venom, (2) web **spider**

The **spider** spun an intricate web in the corner of the room.

silk *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
synonym : satin, taffeta, velvet
(1) **silk** road, (2) **silk** fabric
She wore a **silk** dress to the party.

healing *n.* the process of becoming or making somebody or something well again
synonym : recovery, recuperation, convalescence
(1) natural **healing** ability, (2) part of the **healing** process
Each ancient tribe has its **healing** traditions.

concrete *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
synonym : actual, factual, hardened
(1) a **concrete** noun, (2) **concrete** examples
The president asked for a more **concrete** plan.

tissue *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
synonym : structure, texture, anatomy
(1) a facial **tissue**, (2) loss of muscle **tissue**
The researcher separated the nervous **tissue** for microscopic examinations.

plain *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
synonym : basic, straight, bare
(1) **plain** answer, (2) delta **plain**
The lowest lowland region is mostly flat **plain**.

insult *n.* a remark or action that causes offense or disrespect;
(verb) to treat, mention, or speak to rudely

synonym : affront, slight, offense

(1) an intentional **insult**, (2) **insult** each other

His **insult** toward her was unacceptable and resulted in his being fired.

bunch

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

synonym : group, assemblage, bundle

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

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

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym : iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

discipline

n. the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence

synonym : training, restraint, field

(1) break **discipline**, (2) rigid **discipline**

He quickly learned the military **discipline**.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym : program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his

subordinates more **creative**.

equation

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

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

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

circuit

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

synonym: route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

conversation

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

synonym: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

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.

polar

adj. relating to, or close to, the North or South Pole; characterized by complete opposites

synonym: opposing, contrary, contrasting

(1) **polar** bears, (2) **polar** regions

Polar animals are graceful and efficient swimmers.

expansive

adj. large or wide in extent or scope; friendly and open and willing to talk

synonym : large, extensive, vast

(1) with an **expansive** spirit, (2) **expansive** ocean views

The company has an **expansive** network of offices and locations around the world.

regenerative

adj. tending to regrow or restore lost or injured tissue

synonym : rejuvenating, restorative, healing

(1) **regenerative** medicine, (2) **regenerative** therapy

The **regenerative** properties of stem cells make them a promising area of research.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym : acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

squishy

adj. soft and yielding to the touch; easily deformed

synonym : soft, spongy, mushy

(1) **squishy** texture, (2) a **squishy** story

The **squishy** foam ball is perfect for squeezing to relieve stress.

sight

n. the ability to see; anything that is seen

synonym : vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym : fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday
There is a lot of **awesome** nature and food in Hawaii.

visceral

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

synonym : instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

unforgettable

adj. impossible to forget

synonym : indelible, ineffable, memorable

(1) have an **unforgettable** night, (2) **unforgettable** moment
The dinner we had at the five-star restaurant was an **unforgettable** culinary experience.

vision

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

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

frame

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

synonym : body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

chrome

n. a type of polished metal that is highly reflective and has a mirror-like finish; a web browser developed by Google

synonym : metal, alloy, steel

(1) **chrome** iron ore, (2) steel with **chrome** accents

The shiny **chrome** finish on the car caught the sunlight and sparkled.

flesh

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

synonym : meat, muscle, tissue

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

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

fiction

n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

synonym : fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

norm

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

synonym : criterion, mean, standard

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

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

desirable

adj. worth having or achieving; pleasing, attractive, or sought after

synonym : appealing, attractive, advisable

(1) **desirable** effect, (2) **desirable** result

The beachfront property had a **desirable** location with stunning ocean views.

awareness

n. the fact or state of knowing something exists and is important

synonym : understanding, cognition, knowledge

(1) **awareness** of my ignorance, (2) raise public **awareness**

There has been a gradual but steady rise in environmental

awareness.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

chapter

n. a separate section of a written work usually numbered and titled

synonym: section, phase, episode

(1) an introductory **chapter**, (2) **chapter** of a political party

The final **chapter** provides a summary of the discussion.

dissertation

n. a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification

synonym: essay, treatise, paper

(1) **dissertation** research, (2) doctoral **dissertation**

My **dissertation** topic focuses on the impact of social media on mental health.

swab

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

synonym: mop, scrub, daub

(1) alcohol **swab**, (2) cotton **swab**

He took a **swab** of his ear.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

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

synonym: workshop, laboratory, research chamber

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

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

intersection *n.* a point where two or more roads, lines, etc., cross each other

synonym: crossroad, junction, hub

(1) busy **intersection**, (2) the **intersection** of coordinate axes

Take a right turn at the next **intersection**.

transcend *v.* to rise above or go beyond the limits of something

synonym: surpass, exceed, overcome

(1) **transcend** boundaries, (2) **transcend** limits

The music **transcended** cultural barriers and reached audiences globally.

upload *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

synonym: transfer, load up

(1) **upload** files, (2) **upload** documents to the portal

I need to **upload** these pictures to my computer to edit them.

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**.

messy *adj.* disorganized and untidy

synonym: cluttered, disorganized, untidy

(1) **messy** data, (2) **messy** handling

His **messy** bedroom is always a source of frustration for his mother.

unpredictable

adj. not capable of being foreseen or calculated; not regular or certain

synonym: uncertain, variable, random

(1) dangerously **unpredictable** person, (2) **unpredictable** outcome

The weather in this region is often **unpredictable**, with sudden rainstorms and strong winds.

tangle

n. a confused mass of something twisted together

synonym: knot, snarl, entanglement

(1) in a **tangle**, (2) **tangle** wires

The cords behind my computer were a **tangled** mess.

suppose

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

synonym: guess, assume, presume

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

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

purity

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym: sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

mess

n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

synonym: disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

reconsider

v. to think about a decision or opinion again to

synonym: rethink, review, revisit

(1) **reconsider** the determination, (2) **reconsider** my transfer

He humbly **reconsidered** his conduct.

fantasy

n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen

synonym: fiction, illusion, fabrication

(1) **fantasy** novel, (2) confuse **fantasy** with reality

Composition by artificial intelligence is no longer a **fantasy**.

prejudice

n. a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge

synonym: bias, preconception, predisposition

(1) deep-rooted **prejudice**, (2) color **prejudice**

This community is free of social **prejudice**.

embedded

adj. fixed firmly into the surface of something

synonym: ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

visible

adj. capable of being seen; or open to easy view

synonym: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

victim

n. a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

synonym: prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

leather

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

synonym : hide, skin, suede

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

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

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.

consequence

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

synonym : result, impact, outcome

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

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

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.

sequence

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

synonym : arrangement, succession, series

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

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

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.

privacy

n. someone's right to keep their personal matters and relationships not watched or interrupted by other people

synonym: seclusion, aloneness, solitariness

(1) **privacy** abuse, (2) trespass on a person's **privacy**
This conduct would be an invasion of **privacy**.

climate

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

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change
Climate and weather have an impact on every part of our lifestyles.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

synonym: corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**
The dead body was in an advanced state of **decay**.

reinforce

v. to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

synonym: strengthen, fortify, support

(1) **reinforce** the military, (2) **reinforce** good behavior
We should **reinforce** the troops at the front line.

sustainable

adj. able to continue or be continued for a long time

synonym: continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym: covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

vacuum

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

synonym: void, emptiness, gap

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

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

settler

n. a person who moved with a group of others to live in a different country or area

synonym: frontiersperson, immigrant, emigrant

(1) new **settlers**, (2) **settlers** on some foreign shore

A large proportion of railway workers in **settler** colonies were white.

eventually

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

synonym : finally, someday, ultimately

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

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

cattle

n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals

synonym : cows, herd, oxen

(1) **cattle** barn, (2) **cattle** hide

The **cattle** are on the grassland and grazing.

roam

v. to move about or travel aimlessly or without a fixed destination; to wander

synonym : wander, ramble, meander

(1) **roam** freely, (2) **roam** the countryside

I love to **roam** around the city and discover new neighborhoods.

hillside

n. the sloping side of a hill or mountain; a landscape feature characterized by a natural gradient or incline

synonym : slope, incline

(1) **hillside** landscape, (2) **hillside** vineyard

The hikers were stunned by the beautiful wildflowers on the **hillside**.

trample

v. to step heavily on something or someone, causing damage or injury

synonym : tread, stomp, crush

(1) **trample** down his feelings, (2) **trample** on the rights

The plants in this garden are precious, so you must not **trample** them.

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**.

catalog

n. a complete list of items, often including technical details and prices

synonym: directory, list, register

(1) a classified **catalog**, (2) **catalog** card

She used the online **catalog** to find the perfect pair of earrings for her sister's birthday.

specimen

n. an individual example or sample of something, typically used to represent a larger group or category

synonym: example, sample, model

(1) **specimen** collection, (2) botanical **specimen**

The biology teacher showed the students a frog **specimen** so they could examine its anatomy.

extinct

adj. no longer in existence

synonym: dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

herbarium

n. a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference

synonym: plant collection, botanical garden

(1) digital **herbarium** database, (2) **herbarium** specimens

The botanist added the new fern specimen to the **herbarium** collection.

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.

sliver

n. a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something

synonym: splinter, shard, fragment

(1) **sliver** of wood, (2) **sliver** of metal

I had to be careful not to step on a **sliver** of glass on the floor.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

insert

v. to put something inside something else

synonym: introduce, add, embed

(1) **insert** coin, (2) **insert** a graphic

She **inserted** a new chapter into her manuscript.

yeast

n. a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

synonym: leaven, fungus

(1) **yeast** cell, (2) **yeast-leavened** bread

They carefully nurture a **yeast** fungus used to produce sake.

reconstruct

v. to build or form something again that has been damaged or destroyed

synonym: rebuild, revamp, reorganize

(1) **reconstruct** an image, (2) **reconstruct** the original text

They've decided to **reconstruct** a ruined castle.

compose

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

synonym: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

installation

n. the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

synonym: induction, introduction, furnishing

(1) **installation** fee, (2) a medical **installation**

The Queen attested the **installation** of state ministers to their portfolios.

complicated

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

synonym: complex, convoluted, intricate

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

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

entangle

v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape

synonym: ensnare, entrap, involve

(1) **entangle** in wires, (2) emotionally **entangle**

The vines of the plant **entangled** themselves around the trellis.

interconnect

v. to connect similar things

synonym: interlink, complect, annex

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

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

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed
Her response revealed **incredible** idiocy.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population
She is a **resilient** person and has always bounced back from setbacks.

heal

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

synonym: recover, bring around, mend

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

adapt

v. to make fit for or change to suit a new purpose or environment

synonym: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed
I advised him to **adapt** to his new surroundings.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action
She couldn't **decide** whether to order the pizza or the pasta for dinner.

Session 2: Spelling

- | | | |
|-----------------------------------|----|--|
| 1. mo_____r an exam | v. | to observe, check, and track the progress or quality of something over a period of time |
| 2. mo_____r the data carefully | v. | to observe, check, and track the progress or quality of something over a period of time |
| 3. a picture fr___e | n. | a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window |
| 4. busy int_____ion | n. | a point where two or more roads, lines, etc., cross each other |
| 5. ad__t fully to the environment | v. | to make fit for or change to suit a new purpose or environment |
| 6. glance at my wr__t watch | n. | the joint between the hand and the forearm; the narrow part of the hand near this joint |
| 7. ox_____on phrase | n. | a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence" |
| 8. p__e around the desk | v. | to push or prod with a sharp object or the finger |
| 9. effects of cl_____e change | n. | the weather in a particular location averaged over some long period |
| 10. 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 |

ANSWERS: 1. monitor, 2. monitor, 3. frame, 4. intersection, 5. adapt, 6. wrist, 7. oxymoron, 8. poke, 9. climate, 10. economy

- | | |
|---|---|
| 11. n__m of action | <i>n.</i> something that is regarded as usual, typical, or standard |
| 12. und_____ate course | <i>n.</i> a student who is studying for their first degree at a university or other higher education institution |
| 13. cell and molecular bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 14. telescopic vi____n | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see |
| 15. pr_____ic yogurt | <i>n.</i> a substance, typically a live bacterium, that is ingested to provide health benefits, particularly in aiding digestion or strengthening the immune system |
| 16. a ge_____c disorder | <i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes |
| 17. the eq_____on of poverty with ignorance | <i>n.</i> the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign |
| 18. ar_____c contamination | <i>n.</i> a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives |
| 19. con_____ion in English | <i>n.</i> an informal talk between two or more people to exchange their views, ideas, information, etc. |
| 20. he_____um specimens | <i>n.</i> a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference |

ANSWERS: 11. norm, 12. undergraduate, 13. biology, 14. vision, 15. probiotic, 16. genetic, 17. equation, 18. arsenic, 19. conversation, 20. herbarium

- | | | |
|------------------------------|-------------|--|
| 21. in___t coin | <i>v.</i> | to put something inside something else |
| 22. da__y chain | <i>n.</i> | a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead |
| 23. natural he_____g ability | <i>n.</i> | the process of becoming or making somebody or something well again |
| 24. a classified ca_____g | <i>n.</i> | a complete list of items, often including technical details and prices |
| 25. a h__y shrine | <i>adj.</i> | of or related to a god, divine power, or a particular religion |
| 26. prevent tooth de__y | <i>n.</i> | the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes |
| 27. photo in gl_____us color | <i>adj.</i> | having or deserving great admiration, praise, and honor; having great beauty and splendor |
| 28. sn__k a cigarette | <i>v.</i> | to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily |
| 29. c__i cells | <i>n.</i> | a bacterium of the genus Escherichia that is commonly found in the human gut and is used as a model organism in molecular biology and biochemistry |
| 30. ju__e a competition | <i>n.</i> | a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something |

ANSWERS: 21. insert, 22. daisy, 23. healing, 24. catalog, 25. holy, 26. decay, 27. glorious, 28. sneak, 29. coli, 30. judge

31. r__m the countryside *v.* to move about or travel aimlessly or without a fixed destination; to wander
32. vi___m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
33. cor_____us bankruptcy *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
34. a cold cl_____e *n.* the weather in a particular location averaged over some long period
35. part of the he_____g process *n.* the process of becoming or making somebody or something well again
36. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
37. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
38. gr_____te degree program *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
39. in___t each other *n.* a remark or action that causes offense or disrespect; (verb) to treat, mention, or speak to rudely

ANSWERS: 31. roam, 32. victim, 33. coronavirus, 34. climate, 35. healing, 36. complicated, 37. progression, 38. graduate, 39. insult

40. enameled le____r *n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
41. pl__n answer *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
42. de_____le result *adj.* worth having or achieving; pleasing, attractive, or sought after
43. sn__k out of danger *v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
44. wr__t bones *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
45. unf_____ble moment *adj.* impossible to forget
46. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
47. ha_____ff his wrists *n.* a pair of metal restraints that are designed to lock around a person's wrists and prevent them from moving their hands freely; (verb) to restrain or restrict the movement of a person by applying handcuffs, typically as part of an arrest or other security-related process

ANSWERS: 40. leather, 41. plain, 42. desirable, 43. sneak, 44. wrist, 45. unforgettable, 46. genetically, 47. handcuff

48. unp_____ble outcome *adj.* not capable of being foreseen or calculated; not regular or certain
49. delta pl__n *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
50. sp___r venom *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
51. 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
52. a friendly con_____ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
53. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
54. human activities int_____ect with the environment *v.* to connect similar things
55. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
56. break free from ha_____fs *n.* a pair of metal restraints that are designed to lock around a person's wrists and prevent them from moving their hands freely; (verb) to restrain or restrict the movement of a person by applying handcuffs, typically as part of an arrest or other security-related process

ANSWERS: 48. unpredictable, 49. plain, 50. spider, 51. economy, 52. conversation, 53. tissue, 54. interconnect, 55. resilient, 56. handcuff

57. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
58. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
59. 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
60. break dis_____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
61. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
62. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
63. deep-rooted pr_____ce *n.* a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge
64. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
65. va___m packing *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction

ANSWERS: 57. undergraduate, 58. sequence, 59. colon, 60. discipline, 61. weird, 62. sustainable, 63. prejudice, 64. consequence, 65. vacuum

66. the difficulty level of su___u *n.* a logic-based, combinatorial number-placement puzzle that typically consists of a 9x9 grid divided into nine 3x3 sub-grids and requires the solver to fill in each empty square with a number from 1-9, with the constraint that no number can appear more than once in a row, column, or sub-grid
67. sp_____en collection *n.* an individual example or sample of something, typically used to represent a larger group or category
68. hand ge_____e *n.* a movement of the hands, head, or face that express a particular meaning
69. raise public aw_____ss *n.* the fact or state of knowing something exists and is important
70. po__r regions *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
71. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
72. alcohol s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
73. col_____te on a press release *v.* to work with someone else to produce or achieve something
74. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 66. sudoku, 67. specimen, 68. gesture, 69. awareness, 70. polar, 71. progression, 72. swab, 73. collaborate, 74. eventually

75. me__y handling *adj.* disorganized and untidy
76. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
77. sq____y texture *adj.* soft and yielding to the touch; easily deformed
78. p__e a fire *v.* to push or prod with a sharp object or the finger
79. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
80. reg_____ive medicine *adj.* tending to regrow or restore lost or injured tissue
81. a sq____y story *adj.* soft and yielding to the touch; easily deformed
82. ch____r of a political party *n.* a separate section of a written work usually numbered and titled
83. fl__h eating *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
84. number of different sc____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
85. sl____r of wood *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something

ANSWERS: 75. messy, 76. define, 77. squishy, 78. poke, 79. magic, 80. regenerative, 81. squishy, 82. chapter, 83. flesh, 84. scenario, 85. sliver

86. grow in fl__h *n.* the soft substance composing the body of a person or animal, as opposed to bones and other structures
87. rec_____ct the original text *v.* to build or form something again that has been damaged or destroyed
88. tec_____cal advancement *adj.* based on scientific and industrial progress
89. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
90. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
91. solve a su___u *n.* a logic-based, combinatorial number-placement puzzle that typically consists of a 9x9 grid divided into nine 3x3 sub-grids and requires the solver to fill in each empty square with a number from 1-9, with the constraint that no number can appear more than once in a row, column, or sub-grid
92. mul_____red lights *adj.* having many colors
93. 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
94. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 86. flesh, 87. reconstruct, 88. technological, 89. vision, 90. microbe, 91. sudoku, 92. multicolored, 93. extract, 94. circuit

95. tec_____cal policy *adj.* based on scientific and industrial progress
96. the first round of the com_____on *n.* a situation in which someone is attempting to beat or outperform another
97. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
98. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
99. hi_____de landscape *n.* the sloping side of a hill or mountain; a landscape feature characterized by a natural gradient or incline
100. say def_____ly *adv.* without any question and beyond doubt; clearly
101. su_____e you're right *v.* to think that something is likely to be actual or possible
102. fa_____y novel *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
103. dull si__t *n.* the ability to see; anything that is seen
104. trespass on a person's pr_____y *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
105. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 95. technological, 96. competition, 97. engineer, 98. bunch, 99. hillside, 100. definitely, 101. suppose, 102. fantasy, 103. sight, 104. privacy, 105. brain

106. aw_____ss of my ignorance *n.* the fact or state of knowing something exists and is important
107. E. c__i bacteria strain *n.* a bacterium of the genus Escherichia that is commonly found in the human gut and is used as a model organism in molecular biology and biochemistry
108. ci_____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
109. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
110. cor_____us antibody test kit *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
111. def_____ly become a problem *adv.* without any question and beyond doubt; clearly
112. cultural n__m *n.* something that is regarded as usual, typical, or standard
113. 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: 106. awareness, 107. coli, 108. circuit, 109. boundary, 110. coronavirus, 111. definitely, 112. norm, 113. extract

114. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
115. the worst case sc_____io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
116. em_____ed systems *adj.* fixed firmly into the surface of something
117. h__l the hurt mind *v.* to make a wound or injury to become well again
118. em_____er a cushion *v.* to decorate or embellish a fabric or piece of clothing with ornamental or colorful designs using needlework; to add fictitious or exaggerated details to a story or account
119. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
120. g_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
121. a h__y man *adj.* of or related to a god, divine power, or a particular religion
122. hi_____de vineyard *n.* the sloping side of a hill or mountain; a landscape feature characterized by a natural gradient or incline

ANSWERS: 114. software, 115. scenario, 116. embedded, 117. heal, 118. embroider, 119. genetically, 120. gut, 121. holy, 122. hillside

123. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
124. rec_____ct an image *v.* to build or form something again that has been damaged or destroyed
125. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
126. high pu____y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
127. ye__t-leavened bread *n.* a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
128. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
129. vi_____al fear *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
130. re_____ce the military *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
131. new se_____rs *n.* a person who moved with a group of others to live in a different country or area
132. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 123. eventually, 124. reconstruct, 125. creative, 126. purity, 127. yeast, 128. lab, 129. visceral, 130. reinforce, 131. settler, 132. bacteria

133. honor gr____te *n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
134. inc_____le amount *adj.* unbelievable; enormous
135. steel with ch___e accents *n.* a type of polished metal that is highly reflective and has a mirror-like finish; a web browser developed by Google
136. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
137. ra_____w after a storm *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
138. pr_____ic supplement *n.* a substance, typically a live bacterium, that is ingested to provide health benefits, particularly in aiding digestion or strengthening the immune system
139. po__r bears *adj.* relating to, or close to, the North or South Pole; characterized by complete opposites
140. marine ra_____w *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
141. the degree of pu___y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
142. non-fi_____n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

ANSWERS: 133. graduate, 134. incredible, 135. chrome, 136. microbe, 137. rainbow, 138. probiotic, 139. polar, 140. rainbow, 141. purity, 142. fiction

143. a medical ins_____ion *n.* the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
144. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
145. have an unf_____ble night *adj.* impossible to forget
146. have a whole m____s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
147. ex_____t by human activity *adj.* no longer in existence
148. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
149. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
150. g_m collection *n.* a precious or semiprecious stone, usually of high quality and often used as jewelry; something that is considered to be a highly prized and valuable possession or attribute of a person or thing
151. tr_____nd limits *v.* to rise above or go beyond the limits of something
152. h__l a broken bone *v.* to make a wound or injury to become well again

ANSWERS: 143. installation, 144. recognize, 145. unforgettable, 146. mess, 147. extinct, 148. environment, 149. creative, 150. gem, 151. transcend, 152. heal

153. s__k fabric *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
154. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
155. reg____ive therapy *adj.* tending to regrow or restore lost or injured tissue
156. re____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
157. a st___n of bacillus *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
158. change the ec____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
159. dis____ion research *n.* a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification
160. an introductory ch____r *n.* a separate section of a written work usually numbered and titled
161. long-ex____t volcano *adj.* no longer in existence

ANSWERS: 153. silk, 154. engineer, 155. regenerative, 156. recognize, 157. strain, 158. ecosystem, 159. dissertation, 160. chapter, 161. extinct

162. br_____se handle *n.* a flat, rectangular container, typically made of leather or other sturdy material, used for carrying documents, books, or other important items
163. hidden g_m *n.* a precious or semiprecious stone, usually of high quality and often used as jewelry; something that is considered to be a highly prized and valuable possession or attribute of a person or thing
164. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
165. tr_____nd boundaries *v.* to rise above or go beyond the limits of something
166. en_____le in wires *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
167. aw_____e mental faculty *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
168. de____e a word *v.* to state or explain precisely the nature, scope, or meaning of something
169. pr_____y abuse *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
170. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 162. briefcase, 163. gem, 164. resilient, 165. transcend, 166. entangle, 167. awesome, 168. define, 169. privacy, 170. sequence

171. digital herbarium database *n.* a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference
172. a magic spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
173. literary oxymoron *n.* a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"
174. gesture of goodwill *n.* a movement of the hands, head, or face that express a particular meaning
175. an intentional insult *n.* a remark or action that causes offense or disrespect; (verb) to treat, mention, or speak to rudely
176. principles of sustainable development *adj.* able to continue or be continued for a long time
177. a chemical equation *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
178. victim support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
179. geographical boundary *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 171. herbarium, 172. magic, 173. oxymoron, 174. gesture, 175. insult, 176. sustainable, 177. equation, 178. victim, 179. boundary

180. me__y data *adj.* disorganized and untidy
181. LED-em____ed glass *adj.* fixed firmly into the surface of something
182. ar____c poisoning *n.* a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives
183. se____rs on some foreign shore *n.* a person who moved with a group of others to live in a different country or area
184. a co____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
185. tr____e on the rights *v.* to step heavily on something or someone, causing damage or injury
186. r__m freely *v.* to move about or travel aimlessly or without a fixed destination; to wander
187. ta___e wires *n.* a confused mass of something twisted together
188. tr____e down his feelings *v.* to step heavily on something or someone, causing damage or injury
189. in a ta___e *n.* a confused mass of something twisted together
190. rigid dis____ne *n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence

ANSWERS: 180. messy, 181. embedded, 182. arsenic, 183. settler, 184. concrete, 185. trample, 186. roam, 187. tangle, 188. trample, 189. tangle, 190. discipline

191. re_____ce good behavior *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
192. cotton s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
193. co_____e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
194. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
195. a gl_____us victory *adj.* having or deserving great admiration, praise, and honor; having great beauty and splendor
196. rec_____er the determination *v.* to think about a decision or opinion again to
197. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
198. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
199. directly int_____ect with those systems *v.* to connect similar things
200. the blind g_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

ANSWERS: 191. reinforce, 192. swab, 193. compose, 194. decide, 195. glorious, 196. reconsider, 197. visible, 198. crisis, 199. interconnect, 200. gut

201. sy_____ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
202. vi_____e stars *adj.* capable of being seen; or open to easy view
203. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
204. le_____r boots *n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
205. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
206. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
207. de_____le effect *adj.* worth having or achieving; pleasing, attractive, or sought after
208. with an ex_____ve spirit *adj.* large or wide in extent or scope; friendly and open and willing to talk
209. an unexpected si__t *n.* the ability to see; anything that is seen
210. p__o championship *n.* a sport played on horseback in which two teams try to hit a ball through a goal using long-handled mallets

ANSWERS: 201. synthetic, 202. visible, 203. steel, 204. leather, 205. steel, 206. frame, 207. desirable, 208. expansive, 209. sight, 210. polo

211. emotionally en_____le *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
212. sy_____ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
213. botanical sp_____en *n.* an individual example or sample of something, typically used to represent a larger group or category
214. em_____er a dress *v.* to decorate or embellish a fabric or piece of clothing with ornamental or colorful designs using needlework; to add fictitious or exaggerated details to a story or account
215. confuse fa_____y with reality *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
216. ca___e hide *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals
217. sl___r of metal *n.* a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
218. ca___e barn *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals

ANSWERS: 211. entangle, 212. synthetic, 213. specimen, 214. embroider, 215. fantasy, 216. cattle, 217. sliver, 218. cattle

219. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
220. su_____e beforehand *v.* to think that something is likely to be actual or possible
221. get into a m__s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
222. up____d files *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
223. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
224. a facial ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
225. co_____e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
226. ca_____g card *n.* a complete list of items, often including technical details and prices
227. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
228. syn_____ze information *v.* to combine a substance to make a more complex product or compound
229. 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

ANSWERS: 219. explore, 220. suppose, 221. mess, 222. upload, 223. software, 224. tissue, 225. compose, 226. catalog, 227. synthesize, 228. synthesize, 229. colon

230. st___n our eyes *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
231. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
232. ex_____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
233. lawn da___y *n.* a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead
234. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
235. web sp___r *n.* a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
236. ye__t cell *n.* a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
237. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 230. strain, 231. complicated, 232. explore, 233. daisy, 234. concrete, 235. spider, 236. yeast, 237. crisis

238. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
239. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
240. radioactive de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
241. 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
242. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
243. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
244. vi_____al organ *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
245. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
246. intraspecific com_____on *n.* a situation in which someone is attempting to beat or outperform another

ANSWERS: 238. consequence, 239. biology, 240. decay, 241. judge, 242. weird, 243. environment, 244. visceral, 245. adapt, 246. competition

247. ex_____ve ocean views *adj.* large or wide in extent or scope; friendly and open and willing to talk
248. s__k road *n.* a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric
249. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
250. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
251. va___m cleaner *n.* a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
252. dangerously unp_____ble person *adj.* not capable of being foreseen or calculated; not regular or certain
253. col_____te with the police *v.* to work with someone else to produce or achieve something
254. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
255. ch___e iron ore *n.* a type of polished metal that is highly reflective and has a mirror-like finish; a web browser developed by Google
256. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
257. ins_____ion fee *n.* the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

ANSWERS: 247. expansive, 248. silk, 249. lab, 250. decide, 251. vacuum, 252. unpredictable, 253. collaborate, 254. genetic, 255. chrome, 256. ecosystem, 257. installation

258. stuff of science fi____n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
259. p__o shirt *n.* a sport played on horseback in which two teams try to hit a ball through a goal using long-handled mallets
260. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
261. color pr_____ce *n.* a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge
262. up___d documents to the portal *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
263. leather br_____se *n.* a flat, rectangular container, typically made of leather or other sturdy material, used for carrying documents, books, or other important items
264. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
265. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together

ANSWERS: 258. fiction, 259. polo, 260. brain, 261. prejudice, 262. upload, 263. briefcase, 264. bacteria, 265. bunch

266. in___t a graphic *v.* to put something inside something else
267. at inc_____le speed *adj.* unbelievable; enormous
268. the int_____ion of coordinate axes *n.* a point where two or more roads, lines, etc., cross each other
269. mul_____red dress *adj.* having many colors
270. rec_____er my transfer *v.* to think about a decision or opinion again to
271. have an aw_____e birthday *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
272. doctoral dis_____ion *n.* a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification

ANSWERS: 266. insert, 267. incredible, 268. intersection, 269. multicolored, 270. reconsider, 271. awesome, 272. dissertation

Session 3: Fill in the Blanks

1. The weather in this region is often _____ with sudden rainstorms and strong winds.
adj. not capable of being foreseen or calculated; not regular or certain

2. _____ foods, such as kefir and sauerkraut, can improve digestive health.
n. a substance, typically a live bacterium, that is ingested to provide health benefits, particularly in aiding digestion or strengthening the immune system

3. The dead body was in an advanced state of _____.
n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

4. 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

5. 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

6. She used the online _____ to find the perfect pair of earrings for her sister's birthday.
n. a complete list of items, often including technical details and prices

7. The dinner we had at the five-star restaurant was an _____ culinary experience.
adj. impossible to forget

ANSWERS: 1. unpredictable, 2. Probiotic-rich, 3. decay, 4. economy, 5. progression, 6. catalog, 7. unforgettable

8. I enjoy solving _____ puzzles in my free time.
n. a logic-based, combinatorial number-placement puzzle that typically consists of a 9x9 grid divided into nine 3x3 sub-grids and requires the solver to fill in each empty square with a number from 1-9, with the constraint that no number can appear more than once in a row, column, or sub-grid
9. They gathered to hear the _____ teachings of the guru.
adj. of or related to a god, divine power, or a particular religion
10. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
11. I choose a _____ death rather than a shameful life.
adj. having or deserving great admiration, praise, and honor; having great beauty and splendor
12. The plants in this garden are precious, so you must not _____ them.
v. to step heavily on something or someone, causing damage or injury
13. Composition by artificial intelligence is no longer a _____.
n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
14. The vines of the plant _____ themselves around the trellis.
v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
15. They carefully nurture a _____ fungus used to produce sake.
n. a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

ANSWERS: 8. sudoku, 9. holy, 10. resilient, 11. glorious, 12. trample, 13. fantasy, 14. entangled, 15. yeast

16. He humbly _____ his conduct.

v. to think about a decision or opinion again to

17. The cords behind my computer were a _____ mess.

n. a confused mass of something twisted together

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

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

19. All the supervisor has to do is assign tasks that make his subordinates more _____.

adj. relating to or involving the use of skill and original and unusual ideas to create something

20. Our system can now _____ with other databases.

v. to connect similar things

21. Driving is difficult for me because of my poor _____.

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

22. Truth is stranger than _____.

n. the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

23. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 16. reconsidered, 17. tangled, 18. gut-wrenching, 19. creative, 20. interconnect, 21. vision, 22. fiction, 23. crisis

24. Each ancient tribe has its _____ traditions.
- n.* the process of becoming or making somebody or something well again
25. The children tried to _____ out and eat the candy.
- v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
26. The botanist added the new fern specimen to the _____ collection.
- n.* a collection of preserved plant specimens, typically identified and arranged in a systematic manner for scientific study and reference
27. The final _____ provides a summary of the discussion.
- n.* a separate section of a written work usually numbered and titled
28. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
29. The enga_____ ring was a precious gem passed down through generations of her family.
- n.* a precious or semiprecious stone, usually of high quality and often used as jewelry; something that is considered to be a highly prized and valuable possession or attribute of a person or thing
30. After watching the horror movie, she had a _____ reaction and couldn't sleep all night.
- adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
31. The _____ of the crime deserves justice and support to recover from the trauma.
- n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

ANSWERS: 24. healing, 25. sneak, 26. herbarium, 27. chapter, 28. decide, 29. gemment, 30. visceral, 31. victim

32. In this class, you will learn how to solve quadratic _____.
- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
33. The _____ jacket was worn in but still comfortable.
- n.* a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
34. 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
35. Many employers hire _____ trainees to train as managers.
- n.* a person who has a first degree from university or college; (verb) to complete the first course of university or college and get a degree
36. He quickly learned the military _____.
- n.* the practice of training people to obey rules or a code of behavior, using and punishments if these are broken; a region of activity, knowledge, or influence
37. The music _____ cultural barriers and reached audiences globally.
- v.* to rise above or go beyond the limits of something
38. We should _____ the troops at the front line.
- v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
39. The _____ are on the grassland and grazing.
- n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals

ANSWERS: 32. equations, 33. leather, 34. extracting, 35. graduate, 36. discipline, 37. transcended, 38. reinforce, 39. cattle

40. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
41. It's important to _____ your strengths and weaknesses.
v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
42. He made a frightful _____ in his room.
n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
43. _____ diamonds play an essential role as machine tool blades.
adj. made by combining chemical substances as opposed to being naturally occurring
44. This community is free of social _____.
n. a thought or feeling that is unfair and makes no sense, mainly when it is formed without enough thought or knowledge
45. Many famous _____ are within walking distance.
n. the ability to see; anything that is seen
46. This bridge is the third largest _____ bridge in the world.
n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
47. He wandered the _____ between life and death by gunfire.
n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 40. Microbes, 41. recognize, 42. mess, 43. Synthetic, 44. prejudice, 45. sights, 46. steel, 47. boundary

48. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

49. The police officer put _____ on the suspect before placing them in the squad car.

n. a pair of metal restraints that are designed to lock around a person's wrists and prevent them from moving their hands freely; (verb) to restrain or restrict the movement of a person by applying handcuffs, typically as part of an arrest or other security-related process

50. "Awfully good" is an _____ that can be used to describe something that's both bad and good simultaneously.

n. a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"

51. It will take time for her mental scars to _____.

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

52. Considering the situation of _____ organized stopped this year's beer festival.

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

53. Many species have become _____ due to habitat destruction and other human activities.

adj. no longer in existence

54. A large proportion of railway workers in _____ colonies were white.

n. a person who moved with a group of others to live in a different country or area

ANSWERS: 48. Technological, 49. handcuffs, 50. oxymoron, 51. heal, 52. coronavirus, 53. extinct, 54. settler

55. These economic activities had disastrous environmental _____.

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

56. The _____ foam ball is perfect for squeezing to relieve stress.

adj. soft and yielding to the touch; easily deformed

57. The _____ modified crops were resistant to pests and required less water.

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

58. The biology teacher showed the students a frog _____ so they could examine its anatomy.

n. an individual example or sample of something, typically used to represent a larger group or category

59. She picked a blue _____ from the meadow and placed it in her hair.

n. a wildflower that typically has a yellow disc at the center of a white or pink-and-white flowerhead

60. The company has an _____ network of offices and locations around the world.

adj. large or wide in extent or scope; friendly and open and willing to talk

61. I watched a thrilling _____ match at the club over the weekend.

n. a sport played on horseback in which two teams try to hit a ball through a goal using long-handled mallets

62. Her response revealed _____ idiocy.

adj. unbelievable; enormous

ANSWERS: 55. consequences, 56. squishy, 57. genetically, 58. specimen, 59. daisy, 60. expansive, 61. polo, 62. incredible

63. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes
64. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
65. The president prepared several possible _____ for an enemy attack.
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work
66. The _____ properties of stem cells make them a promising area of research.
adj. tending to regrow or restore lost or injured tissue
67. The detective looked for fingerprints on the window _____.
n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
68. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time
69. The lowest lowland region is mostly flat _____.
adj. without being decorated in any way; (Noun) a vast expanse of flat land with few trees
70. I need to _____ these pictures to my computer to edit them.
v. to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

ANSWERS: 63. genetic, 64. complicated, 65. scenarios, 66. regenerative, 67. frame, 68. sustainable, 69. plain, 70. upload

71. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
72. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
73. An intelligent battery has a voltage monitoring _____.
n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
74. _____ animals are graceful and efficient swimmers.
adj. relating to, or close to, the North or South Pole; characterized by complete opposites
75. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
76. My computer has been acting _____ recently.
adj. extraordinary, unexpected, or difficult to explain
77. I had to be careful not to step on a _____ of glass on the floor.
n. a small, thin, narrow piece or fragment of something, often characterized by its length or its sharpness or thinness; a small portion or amount of something, often used in a metaphorical sense to describe a trace or a hint of something
78. My _____ topic focuses on the impact of social media on mental health.
n. a long and formal written treatise or discourse, often presenting research or analysis on a particular subject or topic, in support of a degree or academic qualification

ANSWERS: 71. collaborate, 72. Bacteria, 73. circuit, 74. Polar, 75. tissue, 76. weird, 77. sliver, 78. dissertation

79. The detective found crucial evidence inside the suspect's _____.
- n.* a flat, rectangular container, typically made of leather or other sturdy material, used for carrying documents, books, or other important items
80. I advised him to _____ to his new surroundings.
- v.* to make fit for or change to suit a new purpose or environment
81. I love to _____ around the city and discover new neighborhoods.
- v.* to move about or travel aimlessly or without a fixed destination; to wander
82. The _____ parrot was a beautiful sight.
- adj.* having many colors
83. She made a facial _____ to express disagreement.
- n.* a movement of the hands, head, or face that express a particular meaning
84. The company specializes in both hardware and _____.
- n.* a set of computer programs and associated documentation and data for doing particular computational jobs
85. He sprained his _____ while playing basketball.
- n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
86. 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
87. What do you _____ the culprit's motive was?
- v.* to think that something is likely to be actual or possible

ANSWERS: 79. briefcase, 80. adapt, 81. roam, 82. multicolored, 83. gesture, 84. software, 85. wrist, 86. brain, 87. suppose

88. The shiny _____ finish on the car caught the sunlight and sparkled.
n. a type of polished metal that is highly reflective and has a mirror-like finish; a web browser developed by Google
89. Please use the _____ to clean up the mess on the floor.
n. a space empty of matter; a device or tool used for cleaning or removing debris by creating suction
90. The paper is _____ worth reading thoroughly.
adv. without any question and beyond doubt; clearly
91. The _____ spun an intricate web in the corner of the room.
n. a small, eight-legged creature that spins webs to catch insects as food; a computer program that systematically browses the World Wide Web for purposes of web indexing
92. The _____ chip in my credit card allows me to make contactless payments.
adj. fixed firmly into the surface of something
93. This conduct would be an invasion of _____.
n. someone's right to keep their personal matters and relationships not watched or interrupted by other people
94. Higher _____ requires additional equipment and energy.
n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
95. In junior high school, we had to dissect a frog in _____ class.
n. the scientific study of life and the natural processes of living things

ANSWERS: 88. chrome, 89. vacuum, 90. definitely, 91. spider, 92. embedded, 93. privacy, 94. purity, 95. biology

96. She was mesmerized by the _____ colors.

- n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain

97. The hikers were stunned by the beautiful wildflowers on the _____.

- n.* the sloping side of a hill or mountain; a landscape feature characterized by a natural gradient or incline

98. The structure is _____ of three main components.

- v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

99. There has been a gradual but steady rise in environmental _____.

- n.* the fact or state of knowing something exists and is important

100. 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

101. The class was composed of both _____ and graduate students.

- n.* a student who is studying for their first degree at a university or other higher education institution

102. The president asked for a more _____ plan.

- adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

103. To advance this discussion, we must _____ "success" rigorously.

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

ANSWERS: 96. rainbow's, 97. hillside, 98. composed, 99. awareness, 100. judge, 101. undergraduate, 102. concrete, 103. define

104. His _____ toward her was unacceptable and resulted in his being fired.

n. a remark or action that causes offense or disrespect; (verb) to treat, mention, or speak to rudely

105. There is a lot of _____ nature and food in Hawaii.

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

106. He took a _____ of his ear.

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

107. She chose to _____ her initials onto the scarf as a personal touch.

v. to decorate or embellish a fabric or piece of clothing with ornamental or colorful designs using needlework; to add fictitious or exaggerated details to a story or account

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

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

109. Dictators of the past often had the erroneous idea of a pure racial _____.

n. a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups

110. The beachfront property had a _____ location with stunning ocean views.

adj. worth having or achieving; pleasing, attractive, or sought after

111. 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

ANSWERS: 104. insult, 105. awesome, 106. swab, 107. embroider, 108. Climate, 109. strain, 110. desirable, 111. ecosystem

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

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

113. The corporation _____ dominated the entire tobacco business.

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

114. The Queen attested the _____ of state ministers to their portfolios.

- n.* the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

115. Take a right turn at the next _____.

- n.* a point where two or more roads, lines, etc., cross each other

116. Global _____ is rising in virtually every industry.

- n.* a situation in which someone is attempting to beat or outperform another

117. Exposure to _____ in drinking water can cause serious health problems.

- n.* a poisonous chemical element that occurs naturally in some rocks and minerals and is sometimes used in pesticides and wood preservatives

118. My home is easily _____ from the shore.

- adj.* capable of being seen; or open to easy view

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

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

ANSWERS: 112. environment, 113. eventually, 114. installation, 115. intersection, 116. competition, 117. arsenic, 118. visible, 119. sequence

120. The study of Escherichia _____ has led to important advancements in areas such as antibiotic resistance, gut microbiome, and synthetic biology.

n. a bacterium of the genus Escherichia that is commonly found in the human gut and is used as a model organism in molecular biology and biochemistry

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

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

122. 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

123. He performed _____ tricks with sophisticated moves.

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

124. Your _____ reflects your thoughts.

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

125. She wore a _____ dress to the party.

n. a fine, strong, soft, lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric

126. The management must _____ strategies to increase office security.

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

127. His _____ bedroom is always a source of frustration for his mother.

adj. disorganized and untidy

ANSWERS: 120. coli, 121. norms, 122. colon, 123. magic, 124. conversation, 125. silk, 126. explore, 127. messy

128. She _____ a new chapter into her manuscript.

v. to put something inside something else

129. They _____ fun at each other's jokes, laughing and teasing.

v. to push or prod with a sharp object or the finger

130. The _____ of the fruit is sweet and juicy.

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

131. The spider can _____ multiple different silk proteins.

v. to combine a substance to make a more complex product or compound

132. The _____ will repair my telephone tomorrow morning.

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

133. They've decided to _____ a ruined castle.

v. to build or form something again that has been damaged or destroyed

134. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

135. One bad apple spoils the whole _____.

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

136. They used a special receiver to _____ police radio channels.

v. to observe, check, and track the progress or quality of something over a period of time

ANSWERS: 128. inserted, 129. poked, 130. flesh, 131. synthesize, 132. engineer, 133. reconstruct, 134. lab, 135. bunch, 136. monitor

ANSWERS: