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Mina Bissell: Experiments that point to a new understanding of cancer | TED Talk

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

All Words

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Session 1: Word List

cartoon

n. a simple drawing depicting a humorous or critical situation, often accompanied by a caption

synonym: illustration, drawing, caricature

(1) **cartoon** character, (2) **cartoon** industry

He spent his afternoon watching **cartoon** movies on TV.

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.

dare

v. to have the courage to do something

synonym: challenge, risk, attempt

(1) **dare** not go, (2) **dare** to take risks

I wouldn't **dare** to speak to him like that.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

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.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

develop

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

synonym: evolve, progress, advance

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

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

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.

apology

n. an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble

synonym: regret, excuse, plea

(1) genuine **apology**, (2) accept his **apology**

She wrote a letter of **apology** to the renter.

fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

synonym: pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

blip

n. a sudden and small, and typically temporary, change or deviation from a general trend

(1) temporary **blip**, (2) minor **blip**

The stock market had one bad **blip** today.

handsome

adj. physically attractive and pleasing in appearance; attractive and generous

synonym: good-looking, attractive, beautiful

(1) a **handsome** young man, (2) a **handsome** salary

The politician was known for his **handsome** appearance and charm.

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.

elbow

n. the joint between the upper arm and the lower arm; the bend in a pipe or tube formed at this joint

synonym : joint, bend, cubitus

(1) **elbow** bone, (2) **elbow-length** sleeves

She bruised her **elbow** after falling off her bike.

doll

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

synonym : puppet, dolly, toy

(1) plastic **doll**, (2) rag **doll**

The antique **doll** was worth thousands of dollars.

trillion

n. the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

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.

enormity

n. the quality of being extremely evil or wicked; the vastness of size or extent

synonym : horribleness, seriousness, immensity

(1) grasp the **enormity**, (2) the **enormity** of the task

The **enormity** of the financial fraud was uncovered after years of investigation.

dominant

adj. more important, influential, or easy to notice than anything else of the same type

synonym : chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force
Her company soon won a **dominant** market share.

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym: cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment

The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

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.

mutation

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

synonym: metamorphosis, transformation, alteration

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

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

lump

n. a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough

synonym: mass, clump, ball

(1) **lump** in the throat, (2) single **lump** sum

There is a small **lump** on my neck, and I'm concerned about it.

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.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

architecture

n. the art and science of designing and constructing buildings

synonym: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

virus

n. a tiny infectious organic material that causes disease in people, animals, and plants

synonym: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

ugly

adj. unattractive in appearance; unpleasant to look at
synonym : unattractive, unsightly, repulsive

(1) an **ugly** sound, (2) **ugly** building

The **ugly** truth was that he had been lying to her for months.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym : neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym : fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

excite

v. to make someone feel suddenly enthusiastic or eager
synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

dump

v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

synonym: throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

pile

n. a collection of objects positioned one on top of another; a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

malignant

adj. having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly

synonym: evil, harmful, cancerous

(1) **malignant** tumor, (2) **malignant** growth

The doctors found **malignant** cells in the patient's biopsy, indicating a severe illness.

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**.

attach

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

synonym: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

embryo

n. an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

synonym: fetus, seed, origin

(1) destruction of human **embryos**, (2) **embryo** cloning

Our latest project is still at the **embryo** stage.

dissociation

n. the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms

synonym: separation, detachment, disconnection

(1) trauma-related **dissociation**, (2) **dissociation** reaction

His **dissociation** from his emotions made him distant and unresponsive.

mass

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

synonym: abundance, crowd, mob

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

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

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**.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace
On three sides, mountains **surround** the settlement.

gland

n. a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

synonym: secretor

(1) the function of the thyroid **gland**, (2) a mammary **gland**
The adrenal **glands** produce steroids.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**
He grilled the **breast** meat of a chicken.

structure

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

synonym: construction, architecture, establishment

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

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

acinus

n. a small, rounded sac or cavity found in the body, particularly in glands and organs, such as the respiratory system or the exocrine glands, where it is involved in the production and secretion of substances

synonym: alveolus, air sac, sacculus

(1) **acinus** of pancreas, (2) alveolar **acinus**

Each **acinus** in the salivary gland produces and secretes saliva.

nipple

n. the dark part of the skin which sticks out from the breast of a mammal and from which milk can be secreted

synonym : teat, pap, mamilla

(1) rubber **nipple**, (2) baby sucking a **nipple**

Female children may experience growing breasts and **nipple** swelling.

tube

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

synonym : pipe, hose, duct

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

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

squeeze

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

synonym : compress, crush, clamp

(1) **squeeze** a lemon, (2) **squeeze** a confession

She **squeezed** the toothpaste tube from the middle to get the last bit out.

inert

adj. lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

synonym : motionless, inactive, dormant

(1) **inert** gases, (2) **inert** ingredients

The rock was completely **inert** and didn't react when we tried to break it open.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

gob

n. a lump or chunk of a substance; a large amount of something, especially in the sense of an excess or surplus; a colloquial term for mouth

synonym: globe, lump, dollop

(1) **gob** of mud, (2) sticky **gob**

After taking a **gob** of food, he politely wiped his mouth with a napkin.

pregnant

adj. having a baby or young animal developing in the uterus

synonym: expectant

(1) needs of **pregnant** women, (2) a silence **pregnant** with suspense

She vacated the position when she got **pregnant**.

droplet

n. a small drop of liquid

synonym: bead, drip, dewdrop

(1) **droplet** size, (2) **droplet** formation

A single **droplet** of water can reflect the entire world upside down.

nucleus

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

synonym : core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team
DNA is stored in the **nucleus** of a cell.

override

v. to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else

synonym : overrule, annul, nullify

(1) **override** the system, (2) **override** a veto

The CEO decided to **override** the decision made by the lower-level managers.

insane

adj. extremely stupid, crazy, or dangerous; mentally ill

synonym : crazy, mad, foolish

(1) go **insane** with pleasure, (2) an **insane** scheme

Her excessive demands drove me **insane**.

skepticism

n. an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

synonym : distrust, doubt, suspicion

(1) natural **skepticism**, (2) **skepticism** toward bureaucracy

This party expresses **skepticism** about the efficacy of the health insurance system.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

structural

adj. associated with the way on construction or organization of anything

synonym : architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization
The earthquake resulted in significant **structural** destruction.

scaffold

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

synonym: platform, staging, framework

(1) **scaffold** construction, (2) go to the **scaffold**
The construction workers set up the **scaffold** to reach the top of the building.

cellular

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

synonym: organic, biological, nuclear

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

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

matrix

n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

synonym: grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

goo

n. a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing

synonym: slime, muck, gunk

(1) oozing **goo**, (2) slime **goo**

The science experiment involved mixing various liquids to create a bubbling **goo**.

behold

v. to look at and observe with attention

synonym: see, observe, watch

(1) **behold** the sunrise, (2) a joy to **behold**

His angry expression was not a pleasant sight to **behold**.

reorganize

v. to change to a more sufficient or suitable form of organization

synonym: rearrange, reconstruct, reshuffle

(1) **reorganize** a department, (2) **reorganize** his debts

The new CEO was appointed to **reorganize** their business.

vivo

adj. alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation

synonym: alive, living, animate

(1) **vivo** imaging, (2) in **vivo** research

The **vivo** colors of the flowers made the garden come alive.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

distinguish

v. to notice or understand the difference between two people or things

synonym: determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

gel

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

synonym: jelly, goo, paste

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

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

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display

Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

calm

adj. not excited, angry, or nervous; free from wind, large waves

synonym: quiet, peaceful, tranquility

(1) **calm** sea, (2) **calm** manner

It was the first time in a long time that I felt truly **calm** and at peace.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

pathway

n. a track that constitutes or serves as a path; an approach or a way of doing something

synonym: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling **pathways**

When the first molecule in the **pathway** receives a signal, it activates other molecules.

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.

revert

v. to return to a previous state or condition; to reply

synonym : return, go back, restore

(1) **revert** to a heavy smoker, (2) **revert** to the original subject

After trying the new software, I **reverted** to the old version.

phenotype

n. the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives

synonym : trait, characteristic, attribute

(1) **phenotype** variation, (2) dominant **phenotype**

Our genetic **phenotype** determines the color of our eyes.

fuzzy

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

synonym : hazy, blurry, indistinct

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

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

inhibitor

n. a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions

synonym : hinderer, suppressor, blocker

(1) **inhibitor** protein, (2) chemical **inhibitor**

The virus uses an enzyme **inhibitor** to block the immune system's response.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym : complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

function

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

synonym : purpose, mapping, job

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

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

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

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

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

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

reciprocal

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

synonym : mutual, complementary, supplemental

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

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

repose

n. a state of rest, relaxation, or tranquility; a period of rest or sleep; composure or calmness; a state of being at ease; (verb) to rest or relax; to be situated or positioned

synonym : rest, relaxation, tranquility

(1) state of **repose**, (2) peaceful **repose**

After a long day at work, I found my **repose** in a cozy armchair by the fireplace.

mantra

n. a word or phrase, often repeated, that is used as a focus for the mind during meditation

synonym : hymn, chant, phrase

(1) campaign **mantra**, (2) chant the **mantra** of structural reform

She repeated her personal **mantra** to herself to stay motivated.

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym : equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

chromatin

n. a complex of DNA and protein found in eukaryotic cells, which primary function is to compact the DNA to fit within the confines of the cell's nucleus

synonym : genetic material, DNA packaging

(1) **chromatin** condensation, (2) **chromatin** structure

Chromatin-remodeling proteins play a crucial role in the

accessibility of DNA to the transcription machinery, thereby influencing gene expression.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations
The scientist conducted a study that provided **specific** details about the species' behavior.

reward

n. a thing given in acknowledgment of service, hard work, achievement, etc.

synonym : compensation, gratuity, bonus

(1) the **reward** for good works, (2) shopping **rewards** cards
Night fishing has a lot of **rewards**.

slide

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

synonym : glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance
If necessary, you can **slide** the front seats forward.

addition

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

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors
In **addition**, private corporations provide healthcare services.

mystery

n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

synonym : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**
The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

doctoral

adj. of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate

synonym : doctorial

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

She is pursuing a **doctoral** degree in psychology to become a licensed therapist.

arrogant

adj. having or revealing an exaggerated sense of one's importance or abilities

synonym : haughty, supercilious, disdainful

(1) an **arrogant** attitude, (2) grow **arrogant**

He was so **arrogant** that he thought he was always right.

arrogance

n. excessive self-confidence or self-importance

synonym : hubris, haughtiness, conceit

(1) brazen **arrogance**, (2) **arrogance** of power

He acted with **arrogance** and was not well-liked by his colleagues.

curiosity

n. a strong desire to know or learn about something

synonym : interest, inquisitiveness, novelty

(1) boundless **curiosity**, (2) satisfy my intellectual **curiosity**

We are motivated by **curiosity** rather than necessity.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

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**.

physicist

n. a scientist who specializes in the field of physics

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

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

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

constantly

adv. all the time

synonym: continuously, always, frequently

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

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

coherent

adj. logical and consistent; (noun) the quality of being clear and easy to understand

synonym: logical, consistent, clear

(1) a **coherent** explanation, (2) create a **coherent** system

His writing was well-structured and **coherent**.

movement

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

synonym: motion, progression, action

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

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

absolutely

adv. without restriction or limitation; completely or utterly

synonym: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

boggle

v. to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised

synonym : hesitate, stagger, bewilder

(1) **boggle** the imagination, (2) **boggle** at the price
The complexity of the situation can **boggle** the mind.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

poem

n. a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery

synonym : ballad, lyric, verse

(1) a narrative **poem**, (2) **poem** to the dead

A great **poem** is a fountain forever overflowing with the waters of wisdom and delight.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

synonym : argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

unfortunately

adv. by bad luck; unluckily

synonym : regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

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

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

sway

v. to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

synonym : swing, oscillate, influence

(1) **sway** back and forth, (2) **sway** to the rhythm

The politician tried to **sway** public opinion in his favor, but his arguments fell flat.

glance

v. to give a quick or brief look; to hit something at an angle

synonym : glimpse, peek, flash

(1) **glance** around nervously, (2) **glance** at him miserably

I casually **glanced** into the small hut.

magnificent

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

synonym : splendid, brilliant, exquisite

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

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

shore

n. the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

synonym : coast, seaside, beach

(1) a sandy **shore**, (2) **shore** up demand

The waves are beating against the **shore**.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**
Launching an artificial **satellite** contributed to the technological development of our country.

submit

v. to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
synonym: hand in, present, propose

(1) agree to **submit** the bill, (2) **submit** an application
Please **submit** the assignment to me.

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.

genome

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

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

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

alphabet

n. a character set that includes letters and is used to write a language

synonym: ABC's

(1) letters of an **alphabet**, (2) an **alphabet** of manual signs
He strove to memorize the Hebrew **alphabet**.

horizon

n. the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated

synonym: skyline, view, visible boundary

(1) the event **horizon** of a black hole, (2) business **horizon**
As the sun set, the colors of the sky merged with the

horizon, creating a beautiful orange and pink hue.

Session 2: Spelling

- | | |
|---------------------------------|--|
| 1. arc_____ure design | <i>n.</i> the art and science of designing and constructing buildings |
| 2. letters of an al_____et | <i>n.</i> a character set that includes letters and is used to write a language |
| 3. a dy_____c market | <i>adj.</i> having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies) |
| 4. ar_____ce of power | <i>n.</i> excessive self-confidence or self-importance |
| 5. de_____p a skill | <i>v.</i> to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created |
| 6. the se_____ce of the seasons | <i>n.</i> a series of related events, actions, numbers, etc., which have a particular order |
| 7. chemical in_____or | <i>n.</i> a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions |
| 8. talented ph_____st | <i>n.</i> a scientist who specializes in the field of physics |

ANSWERS: 1. architecture, 2. alphabet, 3. dynamic, 4. arrogance, 5. develop, 6. sequence, 7. inhibitor, 8. physicist

9. a ge____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
10. new di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
11. many tr_____ons of dollars *n.* the number 1,000,000,000,000; a million million
12. an in____e scheme *adj.* extremely stupid, crazy, or dangerous; mentally ill
13. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
14. cr_____l information *adj.* extremely vital or necessary
15. vi____m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
16. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
17. the re____d for good works *n.* a thing given in acknowledgment of service, hard work, achievement, etc.
18. l__p in the throat *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
19. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 9. genetic, 10. dimension, 11. trillion, 12. insane, 13. pathway, 14. crucial, 15. victim, 16. breast, 17. reward, 18. lump, 19. structure

20. gas fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
21. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
22. in v__o research *adj.* alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
23. single l__p sum *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
24. on____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
25. gl___e around nervously *v.* to give a quick or brief look; to hit something at an angle
26. re___t to a heavy smoker *v.* to return to a previous state or condition; to reply
27. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
28. classic arc _____ure *n.* the art and science of designing and constructing buildings
29. series of exp____nts *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 20. filter, 21. sect, 22. vivo, 23. lump, 24. oncology, 25. glance, 26. revert, 27. excite, 28. architecture, 29. experiment

38. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
39. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
40. a narrative p__m *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
41. a cr_____l issue for women *adj.* extremely vital or necessary
42. ac___s of pancreas *n.* a small, rounded sac or cavity found in the body, particularly in glands and organs, such as the respiratory system or the exocrine glands, where it is involved in the production and secretion of substances
43. ch_____in condensation *n.* a complex of DNA and protein found in eukaryotic cells, which primary function is to compact the DNA to fit within the confines of the cell's nucleus
44. pho_____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
45. a dental cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

ANSWERS: 38. cancer, 39. sequence, 40. poem, 41. crucial, 42. acinus, 43. chromatin, 44. photograph, 45. clinic

46. sq_____e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
47. 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
48. 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
49. s__y to the rhythm *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
50. a mag_____nt plan *adj.* extremely beautiful and impressive; grand or noble in thought or deed
51. str_____al reorganization *adj.* associated with the way on construction or organization of anything
52. d__e not go *v.* to have the courage to do something
53. test my hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
54. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed

ANSWERS: 46. squeeze, 47. mess, 48. bacteria, 49. sway, 50. magnificent, 51. structural, 52. dare, 53. hypothesis, 54. magnificent

55. create a co_____nt system *adj.* logical and consistent; (noun) the quality of being clear and easy to understand
56. dr_____t size *n.* a small drop of liquid
57. flow of el_____ons *n.* a tiny particle with the negative electrical charge
58. in__t gases *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
59. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
60. ma_____y the image for display *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
61. sq_____e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
62. reo_____ze a department *v.* to change to a more sufficient or suitable form of organization
63. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
64. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 55. coherent, 56. droplet, 57. electron, 58. inert, 59. tumor, 60. magnify, 61. squeeze, 62. reorganize, 63. balance, 64. tube

65. do_____nt force *adj.* more important, influential, or easy to notice than anything else of the same type
66. the nu_____s of a team *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
67. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
68. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
69. grasp the en_____ty *n.* the quality of being extremely evil or wicked; the vastness of size or extent
70. fe_____ze the female egg *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
71. a facial ti_____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
72. su_____t an application *v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
73. ch_____in structure *n.* a complex of DNA and protein found in eukaryotic cells, which primary function is to compact the DNA to fit within the confines of the cell's nucleus

ANSWERS: 65. dominant, 66. nucleus, 67. addition, 68. structure, 69. enormity, 70. fertilize, 71. tissue, 72. submit, 73. chromatin

74. abs_____ly against *adv.* without restriction or limitation; completely or utterly
75. dis_____sh these two things *v.* to notice or understand the difference between two people or things
76. the ma___x of Western civilization *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
77. have a rec_____al respect *adj.* given or felt by each toward the other; mutual; corresponding or interchangeable
78. brazen ar_____ce *n.* excessive self-confidence or self-importance
79. peaceful re___e *n.* a state of rest, relaxation, or tranquility; a period of rest or sleep; composure or calmness; a state of being at ease; (verb) to rest or relax; to be situated or positioned
80. the crosswise di_____on *n.* a measurable extent of a particular kind, such as width, height, or length
81. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
82. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
83. str_____al analyses *adj.* associated with the way on construction or organization of anything
84. form a nu_____s *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

ANSWERS: 74. absolutely, 75. distinguish, 76. matrix, 77. reciprocal, 78. arrogance, 79. repose, 80. dimension, 81. specific, 82. weird, 83. structural, 84. nucleus

85. sc____ld construction *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
86. plastic d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
87. be____d the sunrise *v.* to look at and observe with attention
88. ca____n industry *n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
89. boundless cu____ty *n.* a strong desire to know or learn about something
90. cultural n__m *n.* something that is regarded as usual, typical, or standard
91. rec____al actions *adj.* given or felt by each toward the other; mutual; corresponding or interchangeable
92. my____y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
93. historical co____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
94. asset on the company's ba____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 85. scaffold, 86. doll, 87. behold, 88. cartoon, 89. curiosity, 90. norm, 91. reciprocal, 92. mystery, 93. context, 94. balance

95. needs of pr_____nt women *adj.* having a baby or young animal developing in the uterus
96. ex_____ng news *adj.* causing a lot of interest or excitement
97. fe_____ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
98. genuine ap_____y *n.* an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble
99. a co_____nt explanation *adj.* logical and consistent; (noun) the quality of being clear and easy to understand
100. grow ar_____nt *adj.* having or revealing an exaggerated sense of one's importance or abilities
101. ov_____de a veto *v.* to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else
102. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
103. slime g_o *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
104. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 95. pregnant, 96. exciting, 97. fertilize, 98. apology, 99. coherent, 100. arrogant, 101. override, 102. genetics, 103. goo, 104. background

105. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
106. 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
107. fo_____te situation *adj.* having good luck or lucky
108. fu__y memory *adj.* having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
109. unsolved my_____y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
110. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
111. ske_____sm toward bureaucracy *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
112. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
113. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 105. genome, 106. mess, 107. fortunate, 108. fuzzy, 109. mystery, 110. microscope, 111. skepticism, 112. addition, 113. discovery

114. c__m manner *adj.* not excited, angry, or nervous; free from wind, large waves
115. a ce____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
116. chant the ma___a of structural reform *n.* a word or phrase, often repeated, that is used as a focus for the mind during meditation
117. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
118. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
119. in_____or protein *n.* a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions
120. the event ho_____n of a black hole *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
121. a mammary gl__d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
122. a sandy sh__e *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

ANSWERS: 114. calm, 115. cellular, 116. mantra, 117. genome, 118. amazing, 119. inhibitor, 120. horizon, 121. gland, 122. shore

123. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
124. an ar_____nt attitude *adj.* having or revealing an exaggerated sense of one's importance or abilities
125. ma____x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
126. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
127. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
128. an u__y sound *adj.* unattractive in appearance; unpleasant to look at
129. at____h a file to an e-mail *v.* to fasten, join, or connect one thing to another
130. re____t to the original subject *v.* to return to a previous state or condition; to reply
131. vi____m compensation *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

ANSWERS: 123. satellite, 124. arrogant, 125. matrix, 126. satellite, 127. mass, 128. ugly, 129. attach, 130. revert, 131. victim

132. minor b__p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
133. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
134. hereditary mu_____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
135. gl___e at him miserably *v.* to give a quick or brief look; to hit something at an angle
136. el__w bone *n.* the joint between the upper arm and the lower arm; the bend in a pipe or tube formed at this joint
137. a ha_____me salary *adj.* physically attractive and pleasing in appearance; attractive and generous
138. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
139. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
140. go in___e with pleasure *adj.* extremely stupid, crazy, or dangerous; mentally ill
141. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 132. blip, 133. photograph, 134. mutation, 135. glance, 136. elbow, 137. handsome, 138. chemistry, 139. amazing, 140. insane, 141. tube

142. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
143. ex_____ng football player *adj.* causing a lot of interest or excitement
144. destruction of human em_____os *n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
145. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
146. a stone wall su_____nds the palace *v.* to be all around something or somebody
147. shopping re_____ds cards *n.* a thing given in acknowledgment of service, hard work, achievement, etc.
148. bo_____e the imagination *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
149. campaign ma_____a *n.* a word or phrase, often repeated, that is used as a focus for the mind during meditation
150. less fo_____te person *adj.* having good luck or lucky
151. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 142. biology, 143. exciting, 144. embryo, 145. function, 146. surround, 147. reward, 148. boggle, 149. mantra, 150. fortunate, 151. experiment

152. achieve a do_____nt share *adj.* more important, influential, or easy to notice than anything else of the same type
153. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
154. g_l nail polish *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
155. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
156. ma_____y the danger *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
157. natural ske_____sm *n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge
158. the en_____ty of the task *n.* the quality of being extremely evil or wicked; the vastness of size or extent
159. a sand p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money

ANSWERS: 152. dominant, 153. cellular, 154. gel, 155. mass, 156. magnify, 157. skepticism, 158. enormity, 159. pile

160. v__o imaging *adj.* alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
161. ov____de the system *v.* to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else
162. sh__e up demand *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
163. the function of the thyroid gl__d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
164. sticky g_b *n.* a lump or chunk of a substance; a large amount of something, especially in the sense of an excess or surplus; a colloquial term for mouth
165. n__m of action *n.* something that is regarded as usual, typical, or standard
166. em____o cloning *n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
167. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
168. in____ct with one another *v.* to communicate or react with somebody

ANSWERS: 160. vivo, 161. override, 162. shore, 163. gland, 164. gob, 165. norm, 166. embryo, 167. lab, 168. interact

169. p__m to the dead *n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
170. rag d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
171. u__y building *adj.* unattractive in appearance; unpleasant to look at
172. oozing g_o *n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
173. business ho_____n *n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
174. el__w-length sleeves *n.* the joint between the upper arm and the lower arm; the bend in a pipe or tube formed at this joint
175. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
176. agree to su___t the bill *v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
177. cr__y about cars and racing *adj.* stupid or not sensible; very angry
178. trauma-related dis_____ion *n.* the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms

ANSWERS: 169. poem, 170. doll, 171. ugly, 172. goo, 173. horizon, 174. elbow, 175. biology, 176. submit, 177. crazy, 178. dissociation

179. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
180. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
181. at___h firmly *v.* to fasten, join, or connect one thing to another
182. a con_____ly varying mind *adv.* all the time
183. inc_____le amount *adj.* unbelievable; enormous
184. c__m sea *adj.* not excited, angry, or nervous; free from wind, large waves
185. visit to the veterinary cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
186. ph_____pe variation *n.* the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives
187. state of re___e *n.* a state of rest, relaxation, or tranquility; a period of rest or sleep; composure or calmness; a state of being at ease; (verb) to rest or relax; to be situated or positioned
188. 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

ANSWERS: 179. environment, 180. slide, 181. attach, 182. constantly, 183. incredible, 184. calm, 185. clinic, 186. phenotype, 187. repose, 188. decide

189. dis_____sh man from the other animals *v.* to notice or understand the difference between two people or things
190. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
191. a criminal bac_____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
192. rubber ni____e *n.* the dark part of the skin which sticks out from the breast of a mammal and from which milk can be secreted
193. beam of el_____ons *n.* a tiny particle with the negative electrical charge
194. de___e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
195. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
196. modern on_____gy treatment *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
197. at inc_____le speed *adj.* unbelievable; enormous
198. ma_____nt growth *adj.* having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly

ANSWERS: 189. distinguish, 190. breast, 191. background, 192. nipple, 193. electron, 194. debate, 195. lab, 196. oncology, 197. incredible, 198. malignant

199. temporary b__p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
200. an al_____et of manual signs *n.* a character set that includes letters and is used to write a language
201. in_____ct directly with customers *v.* to communicate or react with somebody
202. tu__r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
203. dis_____ion reaction *n.* the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms
204. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
205. a strain of vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
206. su_____nd a town *v.* to be all around something or somebody
207. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
208. dr_____t formation *n.* a small drop of liquid
209. pa_____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 199. blip, 200. alphabet, 201. interact, 202. tumor, 203. dissociation, 204. weird, 205. virus, 206. surround, 207. cancer, 208. droplet, 209. pathway

210. hazardous li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
211. do____al research *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
212. theoretical ph____st *n.* a scientist who specializes in the field of physics
213. alveolar ac___s *n.* a small, rounded sac or cavity found in the body, particularly in glands and organs, such as the respiratory system or the exocrine glands, where it is involved in the production and secretion of substances
214. 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
215. the great di____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
216. s__y back and forth *v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something

ANSWERS: 210. liquid, 211. doctoral, 212. physicist, 213. acinus, 214. bacteria, 215. discovery, 216. sway

217. co____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
218. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
219. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
220. a bold hyp____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
221. in__t ingredients *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
222. mu____on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
223. spread of the vi__s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
224. de___e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
225. d__p hazardous waste *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

ANSWERS: 217. conclude, 218. tissue, 219. movement, 220. hypothesis, 221. inert, 222. mutation, 223. virus, 224. debate, 225. dump

226. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
227. a cr__y scheme *adj.* stupid or not sensible; very angry
228. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
229. ca_____n character *n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
230. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
231. the height of a p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
232. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
233. d__e to take risks *v.* to have the courage to do something
234. a silence pr_____nt with suspense *adj.* having a baby or young animal developing in the uterus
235. g_b of mud *n.* a lump or chunk of a substance; a large amount of something, especially in the sense of an excess or surplus; a colloquial term for mouth

ANSWERS: 226. absolutely, 227. crazy, 228. function, 229. cartoon, 230. chemistry, 231. pile, 232. genetic, 233. dare, 234. pregnant, 235. gob

236. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
237. d__p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
238. baby sucking a ni___e *n.* the dark part of the skin which sticks out from the breast of a mammal and from which milk can be secreted
239. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
240. in___t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
241. a con_____ly innovative enterprise *adv.* all the time
242. reo_____ze his debts *v.* to change to a more sufficient or suitable form of organization
243. a joy to be___d *v.* to look at and observe with attention
244. unf_____ely caught in a shower *adv.* by bad luck; unluckily
245. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
246. accept his ap_____y *n.* an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble

ANSWERS: 236. sect, 237. dump, 238. nipple, 239. microscope, 240. inject, 241. constantly, 242. reorganize, 243. behold, 244. unfortunately, 245. excite, 246. apology

247. clogged fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
248. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
249. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
250. satisfy my intellectual cu_____ty *n.* a strong desire to know or learn about something
251. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
252. bo___e at the price *v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
253. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
254. do_____al program *adj.* of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate
255. go to the sc_____ld *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work

ANSWERS: 247. filter, 248. context, 249. environment, 250. curiosity, 251. dynamic, 252. boggle, 253. trillion, 254. doctoral, 255. scaffold

256. ma_____nt tumor *adj.* having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
257. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
258. a ha_____me young man *adj.* physically attractive and pleasing in appearance; attractive and generous
259. even more unf_____ely *adv.* by bad luck; unluckily
260. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
261. dominant ph_____pe *n.* the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives
262. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

ANSWERS: 256. malignant, 257. slide, 258. handsome, 259. unfortunately, 260. decide, 261. phenotype, 262. movement

Session 3: Fill in the Blanks

1. DNA is stored in the _____ of a cell.
 - n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
2. She bruised her _____ after falling off her bike.
 - n.* the joint between the upper arm and the lower arm; the bend in a pipe or tube formed at this joint
3. We do move forward with those tasks in _____ next week.
 - n.* a series of related events, actions, numbers, etc., which have a particular order
4. We must _____ a new system to streamline our workflow and increase efficiency.
 - v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
5. If necessary, you can _____ the front seats forward.
 - v.* to move or cause to move smoothly along a surface without interruption
6. One light year is nearly 6 _____ miles.
 - n.* the number 1,000,000,000,000; a million million
7. His angry expression was not a pleasant sight to _____.
 - v.* to look at and observe with attention

ANSWERS: 1. nucleus, 2. elbow, 3. sequence, 4. develop, 5. slide, 6. trillion, 7. behold

8. 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
9. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.
n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies
10. She vacated the position when she got _____.
adj. having a baby or young animal developing in the uterus
11. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
12. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money
13. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
14. Each _____ in the salivary gland produces and secretes saliva.
n. a small, rounded sac or cavity found in the body, particularly in glands and organs, such as the respiratory system or the exocrine glands, where it is involved in the production and secretion of substances
15. 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

ANSWERS: 8. biology, 9. oncology, 10. pregnant, 11. physicist, 12. piles, 13. inject, 14. acinus, 15. genetic

16. This evidence supports the big-bang _____.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
17. Please _____ the assignment to me.
- v.* to give or offer a document, proposal, etc. to a decision-maker for examination or consideration
18. I wouldn't _____ to speak to him like that.
- v.* to have the courage to do something
19. I used an optical _____ to observe the small organisms in the water sample.
- n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
20. The human _____ contains approximately three billion chemical base pairs.
- n.* the complete set or sequence of genes of a human, animal, plant, or other living things
21. Female children may experience growing breasts and _____ swelling.
- n.* the dark part of the skin which sticks out from the breast of a mammal and from which milk can be secreted
22. As the sun set, the colors of the sky merged with the _____ creating a beautiful orange and pink hue.
- n.* the line at which the earth's surface and the sky appear to meet; the range of interest or activity that can be anticipated
23. When the first molecule in the _____ receives a signal, it activates other molecules.
- n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 16. hypothesis, 17. submit, 18. dare, 19. microscope, 20. genome, 21. nipple, 22. horizon, 23. pathway

24. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
25. The new CEO was appointed to _____ their business.
- v.* to change to a more sufficient or suitable form of organization
26. The construction workers set up the _____ to reach the top of the building.
- n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
27. _____ 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
28. The virus uses an enzyme _____ to block the immune system's response.
- n.* a substance or agent that slows down or prevents a chemical reaction or biological process from occurring at normal rates, often used in medicine or industrial applications to control or regulate various functions or reactions
29. His _____ from his emotions made him distant and unresponsive.
- n.* the separation of ideas, emotions, or memories from a person's consciousness; a process by which molecules or compounds separate into smaller units or individual atoms
30. Her company soon won a _____ market share.
- adj.* more important, influential, or easy to notice than anything else of the same type

ANSWERS: 24. structure, 25. reorganize, 26. scaffold, 27. Bacteria, 28. inhibitor, 29. dissociation, 30. dominant

31. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
32. I am _____ opposed to his idea because of morality.
adv. without restriction or limitation; completely or utterly
33. Her excessive demands drove me _____.
adj. extremely stupid, crazy, or dangerous; mentally ill
34. _____ proteins play a crucial role in the accessibility of DNA to the transcription machinery, thereby influencing gene expression.
n. a complex of DNA and protein found in eukaryotic cells, which primary function is to compact the DNA to fit within the confines of the cell's nucleus
35. A single _____ of water can reflect the entire world upside down.
n. a small drop of liquid
36. The doctors found _____ cells in the patient's biopsy, indicating a severe illness.
adj. having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
37. The ____ colors of the flowers made the garden come alive.
adj. alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
38. Overall _____ are approximately 400x200mm.
n. a measurable extent of a particular kind, such as width, height, or length

ANSWERS: 31. architecture, 32. absolutely, 33. insane, 34. Chromatin-remodeling, 35. droplet, 36. malignant, 37. vivo, 38. dimensions

39. She holds a _____ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
40. She wrote a letter of _____ to the renter.
- n.* an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble
41. The _____ over climate change continues to be a hot topic in politics.
- n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
42. 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
43. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
44. Breast _____ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
45. This party expresses _____ about the efficacy of the health insurance system.
- n.* an attitude of doubting or questioning that claims or statements are true or valuable or that something will happen; the disbelief in any claims of ultimate knowledge

ANSWERS: 39. clinic, 40. apology, 41. debate, 42. victim, 43. context, 44. cancer, 45. skepticism

46. He acted with _____ and was not well-liked by his colleagues.
n. excessive self-confidence or self-importance
47. An infected person in the hospital will likely pass the _____ to others.
n. a tiny infectious organic material that causes disease in people, animals, and plants
48. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
49. Our genetic _____ determines the color of our eyes.
n. the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives
50. The _____ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.
n. a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
51. The antique _____ was worth thousands of dollars.
n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
52. We _____ a cease-fire.
v. to come to an end or close; to reach a judgment or opinion by reasoning
53. The company's hiring criteria emphasize personality, not a person's _____.
n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 46. arrogance, 47. virus, 48. exciting, 49. phenotype, 50. matrix, 51. doll, 52. concluded, 53. background

54. She repeated her personal _____ to herself to stay motivated.
n. a word or phrase, often repeated, that is used as a focus for the mind during meditation
55. In _____ private corporations provide healthcare services.
n. the act or process of adding something to something else; the process of adding numbers
56. He is a specialist in the _____ of aging.
n. the branch of biology that studies genes, genetic variation, and heredity in organisms
57. After trying the new software, I _____ to the old version.
v. to return to a previous state or condition; to reply
58. Her response revealed _____ idiocy.
adj. unbelievable; enormous
59. 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
60. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
61. I casually _____ into the small hut.
v. to give a quick or brief look; to hit something at an angle
62. The revitalization of technology companies is _____ to the country's growth.
adj. extremely vital or necessary

ANSWERS: 54. mantra, 55. addition, 56. genetics, 57. reverted, 58. incredible, 59. mess, 60. excited, 61. glanced, 62. crucial

63. 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
64. The scientist conducted a study that provided _____ details about the species' behavior.
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
65. The _____ scene of the glacier is awe-inspiring.
adj. extremely beautiful and impressive; grand or noble in thought or deed
66. The _____ of people who do not own property is politically impotent.
n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
67. Try to keep a _____ between work and off.
n. a condition in which everything has the same weight or force; something left after other parts have been taken away
68. He was so _____ that he thought he was always right.
adj. having or revealing an exaggerated sense of one's importance or abilities
69. I must use hair _____ to style my hair for the job interview.
n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
70. The picture was _____ because it was taken with an old camera.
adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

ANSWERS: 63. tissue, 64. specific, 65. magnificent, 66. mass, 67. balance, 68. arrogant, 69. gel, 70. fuzzy

71. He should _____ more with his colleagues.

v. to communicate or react with somebody

72. Terrorists often attempt to _____ the economic impact of their acts of destruction.

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

73. The golfer recorded an _____ distance.

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

74. She _____ the toothpaste tube from the middle to get the last bit out.

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

75. She is pursuing a _____ degree in psychology to become a licensed therapist.

adj. of or relating to doctorate (= the highest degree from a university) or the achievement of a doctorate

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

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

77. Night fishing has a lot of _____.

n. a thing given in acknowledgment of service, hard work, achievement, etc.

78. Our latest project is still at the _____ stage.

n. an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

ANSWERS: 71. interact, 72. magnify, 73. amazing, 74. squeezed, 75. doctoral, 76. tube, 77. rewards, 78. embryo

79. There is a small _____ on my neck, and I'm concerned about it.
- n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
80. The rock was completely _____ and didn't react when we tried to break it open.
- adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
81. The science experiment involved mixing various liquids to create a bubbling ____.
- n.* a sticky or slimy substance, often of indeterminate or unknown composition; a slang term used to describe something messy, chaotic, or confusing
82. The patient was diagnosed with a _____ in her lung.
- n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
83. A great _____ is a fountain forever overflowing with the waters of wisdom and delight.
- n.* a piece of writing that emphasizes the expression of feelings and ideas by paying particular attention to diction (sometimes rhyme), rhythm, and imagery
84. The complexity of the situation can _____ the mind.
- v.* to be overwhelmed or surprised by something; to hesitate or be uncertain about something; to cause someone to feel overwhelmed or surprised
85. The stock market had one bad _____ today.
- n.* a sudden and small, and typically temporary, change or deviation from a general trend
86. The earthquake resulted in significant _____ destruction.
- adj.* associated with the way on construction or organization of anything

ANSWERS: 79. lump, 80. inert, 81. goo, 82. tumor, 83. poem, 84. boggle, 85. blip, 86. structural

87. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.
- n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
88. The _____ surrounding the disappearance of the traveler has yet to be solved by authorities.
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
89. The _____ truth was that he had been lying to her for months.
- adj.* unattractive in appearance; unpleasant to look at
90. The outermost _____ shell determines the chemical properties of an atom.
- n.* a tiny particle with the negative electrical charge
91. After a long day at work, I found my _____ in a cozy armchair by the fireplace.
- n.* a state of rest, relaxation, or tranquility; a period of rest or sleep; composure or calmness; a state of being at ease; (verb) to rest or relax; to be situated or positioned
92. Their relationship was based on _____ love and respect for each other.
- adj.* given or felt by each toward the other; mutual; corresponding or interchangeable
93. He was pretty _____ to pass the exam.
- adj.* having good luck or lucky
94. We are motivated by _____ rather than necessity.
- n.* a strong desire to know or learn about something

ANSWERS: 87. filter, 88. mystery, 89. ugly, 90. electron, 91. repose, 92. reciprocal, 93. fortunate, 94. curiosity

95. Launching an artificial _____ contributed to the technological development of our country.

- n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

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

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

97. He does not _____ importance to these rumors.

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

98. The minority _____ believed in a set of unconventional religious practices.

- n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

99. The treatments were done but, _____ were unsuccessful.

- adv.* by bad luck; unluckily

100. His _____ showed highly positive results.

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

101. This factory employs a _____ manufacturing system.

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

102. The CEO decided to _____ the decision made by the lower-level managers.

- v.* to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else

ANSWERS: 95. satellite, 96. norms, 97. attach, 98. sect, 99. unfortunately, 100. experiments, 101. cellular, 102. override

103. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
104. The politician tried to _____ public opinion in his favor, but his arguments fell flat.
- v.* to move back and forth or side to side gently, often in response to external factors such as wind or water; to influence or persuade someone to do something; to control or dominate something
105. 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
106. He spent his afternoon watching _____ movies on TV.
- n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
107. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
108. The sprinter has a _____ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
109. The sponge takes up the _____ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas

ANSWERS: 103. function, 104. sway, 105. decide, 106. cartoon, 107. discovery, 108. dynamic, 109. liquid

110. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
111. The couple decided to use the non-husband sperm to _____ a wife.
- v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
112. The mobile application industry is _____ changing.
- adv.* all the time
113. 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
114. The adrenal _____ produce steroids.
- n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
115. He grilled the _____ meat of a chicken.
- n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
116. This study _____ four different ways to run a business.
- v.* to notice or understand the difference between two people or things
117. The company _____ him after several years of service.
- v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

ANSWERS: 110. lab, 111. fertilize, 112. constantly, 113. environment, 114. glands, 115. breast, 116. distinguished, 117. dumped

118. My computer has been acting _____ recently.

adj. extraordinary, unexpected, or difficult to explain

119. His writing was well-structured and _____.

adj. logical and consistent; (noun) the quality of being clear and easy to understand

120. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

121. After taking a ____ of food, he politely wiped his mouth with a napkin.

n. a lump or chunk of a substance; a large amount of something, especially in the sense of an excess or surplus; a colloquial term for mouth

122. The waves are beating against the _____.

n. the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

123. Radiation often promotes genetic _____ in plants and animals.

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

124. He strove to memorize the Hebrew _____.

n. a character set that includes letters and is used to write a language

125. I found an old _____ of my grandparents from their wedding day.

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 118. weird, 119. coherent, 120. crazy, 121. gob, 122. shore, 123. mutations, 124. alphabet, 125. photograph

126. It was the first time in a long time that I felt truly _____ and at peace.

adj. not excited, angry, or nervous; free from wind, large waves

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

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

128. He is familiar with _____ and biology.

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

129. The politician was known for his _____ appearance and charm.

adj. physically attractive and pleasing in appearance; attractive and generous

130. The _____ of the financial fraud was uncovered after years of investigation.

n. the quality of being extremely evil or wicked; the vastness of size or extent

131. On three sides, mountains _____ the settlement.

v. to be all around something or somebody

ANSWERS: 126. calm, 127. movement, 128. chemistry, 129. handsome, 130. enormity, 131. surround