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Karissa Sanbonmatsu: The biology of gender, from DNA to the brain | TED Talk

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

All Words

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Session 1: Word List

chromosome

n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

synonym : DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

mosaic

n. a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these

synonym : collage, patchwork

(1) a **mosaic** pavement, (2) a **mosaic** of fields and forest areas

The city's **mosaic** culture results in great diversity in the arts.

feminine

adj. relating to women; having the features or appearance often associated with women

synonym : womanly, womanlike, femalelike

(1) add a **feminine** touch, (2) the sacred **feminine**

The dress mixes sophisticated lines with an appealing floral design for a classically **feminine** style.

fantastic

adj. extremely good; excellent

synonym: incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

brain

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

synonym: intellect, mind, encephalon

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

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

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

debunk

v. to expose or dismiss as false, exaggerated, or worthless

synonym: expose, discredit, demystify

(1) **debunk** an urban legend, (2) **debunk** theory

The myth was **debunked** by scientists, who provided evidence to the contrary.

dumb

adj. lacking the power of speech, unable to speak; stupid, or lacking intelligence

synonym: mute, speechless, idiotic

(1) **dumb** creatures, (2) struck **dumb**

He made a **dumb** mistake and forgot to submit the report on time.

neuroscience

n. the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body
synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

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.

patchwork

n. a fabric made by stitching together small pieces of different colored and patterned fabrics; a mixture or grouping of diverse elements or components

synonym: assortment, jumble, mishmash

(1) the **patchwork** of legislation, (2) **patchwork** design

The **patchwork** approach to funding led to an uneven distribution of resources.

mixture

n. a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

synonym: blend, amalgam, concoction

(1) **mixture** of emotions, (2) perfect **mixture**

The paint was a **mixture** of different pigments to achieve the desired color.

patch

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

synonym: mend, repair, fix

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

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

transgender

adj. relating to or denoting a person whose gender identity does not correspond to that person's biological sex assigned at birth

synonym: non-binary

(1) **transgender** person, (2) **transgender** rights

Many **transgender** individuals face discrimination and marginalization in society.

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.

basis

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

synonym: foundation, base, ground

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

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

gender

n. the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

synonym: sexuality

(1) **gender-blind** policies, (2) dual **gender**

Cultural norms strongly influence **gender** expectations.

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**.

shed

v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage

synonym : discard, drop, cast off

(1) **shed** an old skin, (2) a cow **shed**

He **shed** a secret tear when he heard the news of his friend's death.

biomarker

n. a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention

synonym : indicator, measure, signature

(1) diabetes **biomarker**, (2) **biomarker** discovery

The **biomarker** test showed that the patient was responding well to the treatment.

define

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

synonym : characterize, depict, express

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

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

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym : coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

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.

physiology

n. the branch of the biological sciences dealing with the functioning of organisms

(1) human **physiology**, (2) **physiology** research

Physiology is the science of how living things work.

psychology

n. the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd

She had a master's degree in **psychology**.

vast

adj. enormous in size, number, amount, or quantity

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

epigenetic

adj. relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity

synonym: environmental, hereditary, inherited

(1) **epigenetic** inheritance, (2) **epigenetic** markers

Epigenetic research has opened up new possibilities for the treatment of certain diseases.

radical

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

synonym: extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure

The government established by the coup was more **radical** than before.

permanent

adj. lasting for a long time without essential change

synonym : lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

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.

string

n. long, thin material used for tying things together, composed of several twisted threads

synonym : line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

tangle

n. a confused mass of something twisted together

synonym : knot, snarl, entanglement

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

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

knot

n. a tight interlacing of something such as rope or thread

synonym : tangle, entanglement, snarl

(1) a hard **knot**, (2) a **knot** of people

The boy scout showed us how to tie a **knot** that wouldn't come undone.

external

adj. belonging to or situated outside of someone or something

synonym : outside, exterior, foreign

(1) **external** factors, (2) **external** commerce

When a company discloses information to the market, an **external** auditor verifies them.

contraption

n. a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual

synonym : device, gadget, machinery

(1) farming **contraption**, (2) complicated **contraption**

The inventor created a **contraption** that could turn salt water into drinking water.

circuit

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

synonym : route, course, rotation

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

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

sac

n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant

synonym : bag, pouch, knapsack

(1) **sac** contents, (2) abdominal **sac**

I placed my valuables in the **sac** before heading out on my hike.

neurotransmitter

n. a chemical that carries nerve impulses between neurons or between neurons and muscles

(1) **neurotransmitter** receptor, (2) **neurotransmitters** released from the brain

Endorphins are a type of **neurotransmitter** that gives a sense of well-being.

hazard

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

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

molecular

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

synonym : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology
Molecular weight is the sum of all the atoms.

ribosome

n. a cellular structure made of RNA and protein that helps in the production of proteins

(1) coli **ribosome**, (2) **ribosome** binding

Ribosome dysfunction can lead to diseases such as muscular dystrophy.

stunning

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

synonym : beautiful, breathtaking, magnificent

(1) **stunning** beauty, (2) **stunning** disclosure

The **stunning** sunset took everyone's breath away.

component

n. one of several parts that combines with others to form something bigger

synonym : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

biodegrade

v. to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

rebuild

v. to build again or anew

synonym: reconstruct, renovate, restore

(1) **rebuild** a company, (2) **rebuild** communities

They are planning to **rebuild** the house after the fire.

carnival

n. a public enjoyment and celebration, usually held in the street, featuring music, dancing, and various forms of entertainment

synonym: fair, festival, celebration

(1) **carnival** parade, (2) **carnival** atmosphere

The traveling **carnival** is coming to our town next week.

craftsman

n. a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

synonym: artisan, mechanic, workman

(1) **craftsman** skill, (2) a subtle **craftsman**

The adept **craftsman** carefully carved the wooden figurine with precision and skill.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**

They needed further **instruction** to perform their duties efficiently.

nook

n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

synonym: niche, corner, alcove

(1) every **nook** and cranny, (2) breakfast **nook**

The kitchen **nook** was perfect for coffee and chatting with friends.

cranny

n. a small, narrow opening or crack, especially in a wall or rock

synonym: crevice, nook, niche

(1) a **cranny** in the corner, (2) look in every nook and **cranny**

The mouse squeezed into the tiniest **cranny** of the wall to avoid being caught by the cat.

eyeball

n. the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen

(1) **eyeball** motion, (2) redness of the **eyeball**

Increased **eyeball** pressure leads to the development of glaucoma.

traumatic

adj. relating to or caused by injury, especially emotional injury

synonym: distressing

(1) **traumatic** event, (2) **traumatic** brain injury

The experience was so **traumatic** that it left a lasting impact on the survivor's mental health.

hormone

n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

(1) **hormone** secretion, (2) female **hormone**

The doctor diagnosed me with a **hormone** disorder.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

microscopy

n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs

synonym: microanalysis, magnification

(1) clinical **microscopy**, (2) electron **microscopy**

The scientist used a **microscopy** technique to study the cells at a microscopic level.

macroscopic

adj. visible to the naked eye; relating to objects or phenomena that are large enough to be seen without the aid of a microscope or other magnifying tools

synonym: large, visible, apparent

(1) **macroscopic** observation, (2) **macroscopic** anatomy

The **macroscopic** view of the galaxy is simply breathtaking.

practically

adv. almost or nearly

synonym: almost, nearly, virtually

(1) **practically** constant, (2) **practically** impossible to find a parking spot

The store is **practically** empty.

transition

n. the process or period of changing from one state or circumstance to another

synonym: change, growth, shift

(1) **transition** phase, (2) ensure a smooth **transition**

The nation's healthcare system is in **transition** at the moment.

credible

adj. capable of being trusted or believed

synonym: reasonable, believable, plausible

(1) **credible** source, (2) a **credible** story

They didn't have any **credible** evidence of his innocence.

snicker

v. to laugh in a sly, suppressed, or scornful manner; to snigger; to express amusement or disdain in a quiet or subdued way

synonym : chuckle, snigger, giggle

(1) **snicker** quietly, (2) **snicker** to himself

He couldn't help but **snicker** at his friend's silly joke.

hallway

n. an interior passage or corridor onto which rooms open

synonym : foyer, corridor, entrance

(1) the head of a **hallway**, (2) wax a **hallway** floor

He dashed down a **hallway** to a bathroom.

disgust

n. a strong feeling of dislike or disapproval

synonym : nauseate, hate, dislike

(1) public **disgust**, (2) show **disgust** at his actions

He was filled with **disgust** and fear for the threat of war.

prestigious

adj. having a high reputation or status; respected or honored; widely recognized as being of high quality or importance

synonym : esteemed, renowned, eminent

(1) **prestigious** award, (2) **prestigious** event

The academy is known for its **prestigious** faculty and rigorous curriculum.

terrify

v. to frighten someone very much

synonym : unnerve, scare, horrify

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

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

whisper

v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you

synonym : murmur, rumor, mutter

(1) answer in a **whisper**, (2) the **whisper** of the leaves

He took me aside and **whispered** in my ear.

smirk

v. to smile in a way that suggests one is pleased or amused by someone or something, often in a smug or self-satisfied manner

synonym: grin, sneer, simper

(1) **smirk** confidently, (2) **smirk** after playing a prank

He couldn't help but **smirk** when he heard her absurd excuse.

chuckle

n. a soft, partly suppressed laugh; an act of laughing quietly; (verb) to laugh quietly or softly, often in a suppressed or restrained way

synonym: laugh, giggle, snicker

(1) **chuckle** at my cat's silly antics, (2) stifled **chuckle**

I couldn't help but let out a little **chuckle** when I saw the silly photo my friend had sent me.

anxiety

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

synonym: concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge

She waited for her daughter with **anxiety**.

therapy

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

synonym: antidote, medicine, treatment

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

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

astrophysics

n. the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe

(1) **astrophysics** research, (2) neutrino **astrophysics**

He was studying **astrophysics** in an attempt to understand

the origins of the universe.

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

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.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: **SOUR**

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym : molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**
Biochemical research is essential to understanding the complex chemical reactions in living organisms.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me
The museum houses a **fascinating** collection of Celtic artifacts.

complicated

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

synonym : complex, convoluted, intricate

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

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

exquisite

adj. extremely beautiful and delicate

synonym : magnificent, glorious, gorgeous

(1) **exquisite** crafts, (2) a man of **exquisite** sensitivity
We can hear an **exquisite** piano melody from his room.

precision

n. the quality or condition of being exact and accurate

synonym : accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**
This operation requires both patience and **precision**.

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**.

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.

process

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

synonym : procedure, method, system

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

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

decision

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

synonym : choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

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.

trimester

n. approximately three months, especially one of the three three-month periods into which human pregnancy is traditionally divided; one of three divisions of an academic year

synonym: quarter, three months, 13 weeks

(1) second **trimester** ends, (2) **trimester** system

The first **trimester** of pregnancy is the most crucial for the development of the fetus.

decision-maker

n. a person who makes important decisions, especially at a high level in an organization

(1) policy **decision-maker**, (2) act as a **decision-maker**

A wealth of information does not always have a positive impact on **decision-makers**.

atomic

adj. of or relating to atom (= the smallest component of an element)

synonym: tiny, microscopic, nuclear

(1) **atomic** nucleus, (2) **atomic** bomb

Carbon has an **atomic** mass of 12.

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.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

warehouse

n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

synonym : storage, repository, depot

(1) a rental **warehouse**, (2) **warehouse** debt

The fire ruined all the food stored in the **warehouse**.

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.

biomolecule

n. a molecule produced by a living organism, typically composed of carbon, hydrogen, oxygen, nitrogen, and other elements, plays a vital role in various biological processes such as metabolism, energy production, and genetic information transfer

synonym : biochemical, molecule, protein

(1) **biomolecule** structure, (2) protein **biomolecule**

DNA is a complex **biomolecule** that contains the genetic information of an organism.

unsolved

adj. not yet understood, explained, or resolved; remaining a mystery or enigma

synonym : unresolved, mysterious, perplexing

(1) **unsolved** mystery, (2) **unsolved** crime

The case remains **unsolved** after years of investigation.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

calico

n. a piece of printed cotton fabric with a brightly colored, often floral, print on a light-colored background; a domestic cat with a coat of white, black, and orange markings

synonym: printed cotton, fabric, cloth

(1) **calico** cat, (2) **calico** pattern

The family quilt was made up of multiple colorful squares of **calico** fabric.

womb

n. the organ of a woman or female mammal in which a baby develops before birth

synonym: uterus, matrice

(1) tumor of **womb**, (2) **womb** transplant

The fertilized egg implanted itself in the **womb**.

readout

n. a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system

synonym: display, output, screen

(1) **readout** display, (2) temperature **readout**

The machine provided a digital **readout** of my heart rate and oxygen levels.

kitten

n. a young cat

synonym: catling, kitling, puss

(1) **kitten** formula, (2) newborn **kitten**

The **kitten's** fur was so fluffy that it looked like it was always moving.

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.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

intellect

n. the ability to think logically and comprehend information, especially at an advanced level

synonym: mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**

Your **intellect** is capable of distinguishing among similar objects.

disability

n. a physical or mental condition that makes it difficult for someone to do some things that other people do

synonym: impairment, disadvantage, restriction

(1) a **disability** pension, (2) a learning **disability**

Listening to music at a high volume may lead to a hearing **disability**.

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.

precursor

n. a person or thing that comes before another of the same kind and that contributes to or influences its growth

synonym:

antecedent, forerunner, herald

(1) **precursor** cell, (2) **precursor** to serotonin
Sulfur dioxide and nitrogen oxides are the primary **precursors** of acid rain.

genital

adj. of or relating to the external and internal reproductive organs

synonym: reproductive, genetic, sexual

(1) **genital** bleeding, (2) pain in the **genital** area

The **genital** organs of the human body are necessary for reproduction.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

nowadays

adv. at the current time, in comparison to the past

synonym: currently, presently, today

(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

relaxation

n. a state of being free from tension, stress, or anxiety; a condition of being relaxed, calm, and comfortable; a period of rest or leisure

synonym: rest, repose, ease

(1) **relaxation** techniques, (2) **relaxation** music
Yoga is a great way to promote **relaxation** and reduce stress.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

meditation

n. the act of focusing one's mind on a particular object or thought; activity to train attention and achieve a mentally clear and emotionally calm and stable state

synonym: contemplation, reflection, introspection

(1) **meditation** training, (2) religious **meditation**

The **meditation** instructor guided the group through the relaxation and breathing exercises.

achieve

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

synonym: accomplish, attain, reach

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

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

enlightenment

n. education that results in understanding and the spread of knowledge

synonym: civilization, awareness, sophistication

(1) spiritual **enlightenment**, (2) **enlightenment** activity

He finally brought his **enlightenment** to perfection.

unwind

v. to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

synonym: relax, de-stress, unroll

(1) **unwind** after work, (2) **unwind** on vacation

I like to **unwind** with a good book after a long day at work.

relation

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

synonym: association, linkage, connection

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

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

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

rainbow

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

synonym: spectrum, iridescence, prism

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

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

bracelet

n. a piece of jewelry worn around the wrist, often as an ornament or decoration

synonym: wristband, bangle, charm bracelet

(1) beaded **bracelet**, (2) charm **bracelet**

She wore a beautiful **bracelet** that her grandmother had given her.

eyebrow

n. the hair arc over each eye in humans

synonym: brow, supercilium

(1) raise her **eyebrows**, (2) **eyebrow** cosmetics

She raised an inquiring **eyebrow** towards me.

awareness

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

synonym: understanding, cognition, knowledge

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

There has been a gradual but steady rise in environmental **awareness**.

demean

v. to lower or damage someone's dignity, honor, or reputation; to treat someone disrespectfully, often in a way that makes them feel inferior or humiliated

synonym: lower, degrade, humiliate

(1) **demean** the value, (2) **demean** the reputation

You shouldn't **demean** yourself by taking on tasks beneath your skill level.

attempt

n. an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

suicide

n. the act of killing yourself intentionally

synonym: self-destruction, self-annihilation, felo-de-se

(1) commit **suicide**, (2) **suicide** attack

In an economically prosperous country, most male **suicide** is due to child support problems.

isolation

n. the condition of being alone or lonely; the act or state of separation between persons or groups

synonym: aloneness, seclusion, separateness

(1) **isolation** booth, (2) the country's **isolation**

That incident led to his **isolation**.

assault

n. a violent physical attack; the crime of forcing someone to submit to sexual intercourse against their will

synonym: assault, attack, raid

(1) **assault** aircraft, (2) victim of sexual **assault**

We got caught up in an **assault** case.

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.

acknowledge

- v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

synonym: accept, agree, declare

(1) **acknowledge** the deed, (2) **acknowledge** his help

He never **acknowledged** his fault.

Session 2: Spelling

1. the science of ge____cs
n. the branch of biology that studies genes, genetic variation, and heredity in organisms
2. ex____al commerce
adj. belonging to or situated outside of someone or something
3. ne____n cell body
n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body
4. ca____al atmosphere
n. a public enjoyment and celebration, usually held in the street, featuring music, dancing, and various forms of entertainment
5. complicated con____on
n. a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual
6. tr____ic event
adj. relating to or caused by injury, especially emotional injury
7. the country's is____on
n. the condition of being alone or lonely; the act or state of separation between persons or groups
8. ac____e milestones
v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
9. every n__k and cranny
n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

ANSWERS: 1. genetics, 2. external, 3. neuron, 4. carnival, 5. contraption, 6. traumatic, 7. isolation, 8. achieve, 9. nook

10. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
11. 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
12. bio_____de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
13. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
14. tr_____rm heat into power *v.* to change in outward structure or looks;
15. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
16. phy_____gy research *n.* the branch of the biological sciences dealing with the functioning of organisms
17. mac_____ic observation *adj.* visible to the naked eye; relating to objects or phenomena that are large enough to be seen without the aid of a microscope or other magnifying tools
18. excite the ne_____ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 10. decision, 11. nucleus, 12. biodegrade, 13. relation, 14. transform, 15. molecule, 16. physiology, 17. macroscopic, 18. neuron

19. the root problem of her dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
20. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
21. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
22. pe_____nt life insurance *adj.* lasting for a long time without essential change
23. the sacred fe_____ne *adj.* relating to women; having the features or appearance often associated with women
24. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
25. 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
26. v__t desert *adj.* enormous in size, number, amount, or quantity
27. di_____ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
28. te_____y people *v.* to frighten someone very much
29. software pa__h *n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose

ANSWERS: 19. depression, 20. giant, 21. sequence, 22. permanent, 23. feminine, 24. brain, 25. cancer, 26. vast, 27. dissolve, 28. terrify, 29. patch

30. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
31. in a ta____e *n.* a confused mass of something twisted together
32. ac____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
33. rel____on techniques *n.* a state of being free from tension, stress, or anxiety; a condition of being relaxed, calm, and comfortable; a period of rest or leisure
34. as____t aircraft *n.* a violent physical attack; the crime of forcing someone to submit to sexual intercourse against their will
35. si____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
36. the DNA se____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
37. ex____te crafts *adj.* extremely beautiful and delicate
38. become increasingly com____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
39. a reckless at____t *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 30. trigger, 31. tangle, 32. achieve, 33. relaxation, 34. assault, 35. simulate, 36. sequence, 37. exquisite, 38. complicated, 39. attempt

40. pre_____us event *adj.* having a high reputation or status; respected or honored; widely recognized as being of high quality or importance
41. 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
42. ex_____al factors *adj.* belonging to or situated outside of someone or something
43. 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
44. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
45. answer in a wh_____r *v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
46. a cr_____le story *adj.* capable of being trusted or believed
47. epi_____ic markers *adj.* relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity

ANSWERS: 40. prestigious, 41. embryo, 42. external, 43. nucleus, 44. basis, 45. whisper, 46. credible, 47. epigenetic

48. ge___r-blind policies *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
49. perfect mi_____e *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
50. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
51. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
52. un_____d after work *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
53. muscular st_____th *n.* the quality or state of being physically, or sometimes mentally, strong
54. spiritual enl_____ent *n.* education that results in understanding and the spread of knowledge
55. ca_____al parade *n.* a public enjoyment and celebration, usually held in the street, featuring music, dancing, and various forms of entertainment
56. an_____y for knowledge *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

ANSWERS: 48. gender, 49. mixture, 50. mathematics, 51. particle, 52. unwind, 53. strength, 54. enlightenment, 55. carnival, 56. anxiety

57. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
58. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
59. sm__k confidently *v.* to smile in a way that suggests one is pleased or amused by someone or something, often in a smug or self-satisfied manner
60. ta___e wires *n.* a confused mass of something twisted together
61. br___t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
62. look in every nook and cr___y *n.* a small, narrow opening or crack, especially in a wall or rock
63. sm__k after playing a prank *v.* to smile in a way that suggests one is pleased or amused by someone or something, often in a smug or self-satisfied manner
64. pra_____ly impossible to find a parking spot *adv.* almost or nearly
65. ki___n formula *n.* a young cat
66. ack_____ge his help *v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

ANSWERS: 57. microscope, 58. therapy, 59. smirk, 60. tangle, 61. breast, 62. cranny, 63. smirk, 64. practically, 65. kitten, 66. acknowledge

67. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
68. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
69. a fa_____ic dress *adj.* extremely good; excellent
70. pre_____us award *adj.* having a high reputation or status; respected or honored; widely recognized as being of high quality or importance
71. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
72. raise public aw_____ss *n.* the fact or state of knowing something exists and is important
73. sn_____r quietly *v.* to laugh in a sly, suppressed, or scornful manner; to snigger; to express amusement or disdain in a quiet or subdued way
74. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
75. ch_____e at my cat's silly antics *n.* a soft, partly suppressed laugh; an act of laughing quietly; (verb) to laugh quietly or softly, often in a suppressed or restrained way
76. policy dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization

ANSWERS: 67. trigger, 68. giant, 69. fantastic, 70. prestigious, 71. therapy, 72. awareness, 73. snicker, 74. relate, 75. chuckle, 76. decision-maker

77. the at_____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
78. clinical mic_____py *n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
79. pa__h of grass *n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
80. literature of pe_____nt value *adj.* lasting for a long time without essential change
81. 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
82. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
83. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
84. ho_____e secretion *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
85. human phy_____gy *n.* the branch of the biological sciences dealing with the functioning of organisms

ANSWERS: 77. attempt, 78. microscopy, 79. patch, 80. permanent, 81. cancer, 82. flood, 83. colleague, 84. hormone, 85. physiology

86. re__x a series of muscles *v.* to become or cause someone to become less active or tense and calmer
87. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
88. ri_____me binding *n.* a cellular structure made of RNA and protein that helps in the production of proteins
89. the head of a ha_____y *n.* an interior passage or corridor onto which rooms open
90. de___n the reputation *v.* to lower or damage someone's dignity, honor, or reputation; to treat someone disrespectfully, often in a way that makes them feel inferior or humiliated
91. de___k theory *v.* to expose or dismiss as false, exaggerated, or worthless
92. tra_____er person *adj.* relating to or denoting a person whose gender identity does not correspond to that person's biological sex assigned at birth
93. s_c contents *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
94. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
95. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

ANSWERS: 86. relax, 87. brain, 88. ribosome, 89. hallway, 90. demean, 91. debunk, 92. transgender, 93. sac, 94. colleague, 95. circuit

96. mac_____ic anatomy *adj.* visible to the naked eye; relating to objects or phenomena that are large enough to be seen without the aid of a microscope or other magnifying tools
97. at___c nucleus *adj.* of or relating to atom (= the smallest component of an element)
98. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
99. the wh_____r of the leaves *v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
100. bio_____le structure *n.* a molecule produced by a living organism, typically composed of carbon, hydrogen, oxygen, nitrogen, and other elements, plays a vital role in various biological processes such as metabolism, energy production, and genetic information transfer
101. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
102. tr_____er system *n.* approximately three months, especially one of the three three-month periods into which human pregnancy is traditionally divided; one of three divisions of an academic year

ANSWERS: 96. macroscopic, 97. atomic, 98. molecular, 99. whisper, 100. biomolecule, 101. develop, 102. trimester

103. 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
104. bio_____al reaction *adj.* relating to the chemical processes and substances that occur within living organisms
105. farming con_____on *n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual
106. abdominal s_c *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
107. completely fas_____ng to me *adj.* extremely interesting
108. ensure a smooth tra_____on *n.* the process or period of changing from one state or circumstance to another
109. act as a dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization
110. coli ri_____me *n.* a cellular structure made of RNA and protein that helps in the production of proteins
111. at___c bomb *adj.* of or relating to atom (= the smallest component of an element)
112. retie the st___g and make it strong *n.* long, thin material used for tying things together, composed of several twisted threads

ANSWERS: 103. structure, 104. biochemical, 105. contraption, 106. sac, 107. fascinating, 108. transition, 109. decision-maker, 110. ribosome, 111. atomic, 112. string

113. diabetes bi_____er *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
114. key co_____nt *n.* one of several parts that combines with others to form something bigger
115. de___k an urban legend *v.* to expose or dismiss as false, exaggerated, or worthless
116. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
117. is_____on booth *n.* the condition of being alone or lonely; the act or state of separation between persons or groups
118. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
119. the threats te_____y him *v.* to frighten someone very much
120. st_____ng beauty *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
121. re_____d communities *v.* to build again or anew
122. a pr_____on instrument *n.* the quality or condition of being exact and accurate
123. second tr_____er ends *n.* approximately three months, especially one of the three three-month periods into which human pregnancy is traditionally divided; one of three divisions of an academic year

ANSWERS: 113. biomarker, 114. component, 115. debunk, 116. acid, 117. isolation, 118. relation, 119. terrify, 120. stunning, 121. rebuild, 122. precision, 123. trimester

124. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
125. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
126. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
127. a hard k__t *n.* a tight interlacing of something such as rope or thread
128. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
129. scientific jo_____l *n.* a newspaper or magazine specialized in a specific topic or profession
130. human in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
131. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
132. epi_____ic inheritance *adj.* relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity

ANSWERS: 124. complicated, 125. specific, 126. molecular, 127. knot, 128. develop, 129. journal, 130. intellect, 131. depression, 132. epigenetic

133. nuclear ph____s *n.* the science of matter and energy and their interactions
134. s__d an old skin *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
135. a mo___c of fields and forest areas *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
136. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
137. cr____le source *adj.* capable of being trusted or believed
138. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
139. tense piano st___gs *n.* long, thin material used for tying things together, composed of several twisted threads
140. un____ed mystery *adj.* not yet understood, explained, or resolved; remaining a mystery or enigma
141. religious med____on *n.* the act of focusing one's mind on a particular object or thought; activity to train attention and achieve a mentally clear and emotionally calm and stable state
142. tumor of w__b *n.* the organ of a woman or female mammal in which a baby develops before birth

ANSWERS: 133. physics, 134. shed, 135. mosaic, 136. biology, 137. credible, 138. specific, 139. string, 140. unsolved, 141. meditation, 142. womb

143. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
144. victim of sexual as____t *n.* a violent physical attack; the crime of forcing someone to submit to sexual intercourse against their will
145. si____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
146. needs of pr____nt women *adj.* having a baby or young animal developing in the uterus
147. newborn ki____n *n.* a young cat
148. dual ge____r *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
149. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
150. diagnosis of an____y disorder *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
151. a subtle cr____an *n.* a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

ANSWERS: 143. molecule, 144. assault, 145. simulate, 146. pregnant, 147. kitten, 148. gender, 149. breast, 150. anxiety, 151. craftsman

152. charm br____et *n.* a piece of jewelry worn around the wrist, often as an ornament or decoration
153. speak with pr____on *n.* the quality or condition of being exact and accurate
154. bioplastic designed to bio____de *v.* to decay naturally by microorganisms, such as bacteria and fungi
155. tra____er rights *adj.* relating to or denoting a person whose gender identity does not correspond to that person's biological sex assigned at birth
156. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
157. re____d a company *v.* to build again or anew
158. ge____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
159. temperature re____t *n.* a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system
160. 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
161. commit su____e *n.* the act of killing yourself intentionally
162. a theoretical concept in
neu____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 152. bracelet, 153. precision, 154. biodegrade, 155. transgender, 156. flood, 157. rebuild, 158. genetics, 159. readout, 160. structure, 161. suicide, 162. neuroscience

163. ca___o pattern *n.* a piece of printed cotton fabric with a brightly colored, often floral, print on a light-colored background; a domestic cat with a coat of white, black, and orange markings
164. mi_____e of emotions *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
165. a k__t of people *n.* a tight interlacing of something such as rope or thread
166. a ra_____l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
167. laws of ph_____s *n.* the science of matter and energy and their interactions
168. tr_____rm an education system *v.* to change in outward structure or looks;
169. pa_____rk design *n.* a fabric made by stitching together small pieces of different colored and patterned fabrics; a mixture or grouping of diverse elements or components
170. pra_____ly constant *adv.* almost or nearly
171. a rental wa_____se *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
172. individual ins_____on *n.* detailed direction, order, etc., on how to do or use something

ANSWERS: 163. calico, 164. mixture, 165. knot, 166. radical, 167. physics, 168. transform, 169. patchwork, 170. practically, 171. warehouse, 172. instruction

173. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
174. beaded br____et *n.* a piece of jewelry worn around the wrist, often as an ornament or decoration
175. young people no____ys *adv.* at the current time, in comparison to the past
176. aw____ss of my ignorance *n.* the fact or state of knowing something exists and is important
177. a cow s__d *v.* to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
178. complex bio____al *adj.* relating to the chemical processes and substances that occur within living organisms
179. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
180. neu____ters released from the brain *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
181. st____ng disclosure *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

ANSWERS: 173. biology, 174. bracelet, 175. nowadays, 176. awareness, 177. shed, 178. biochemical, 179. process, 180. neurotransmitter, 181. stunning

193. 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
194. struck d__b *adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence
195. wax a ha_____y floor *n.* an interior passage or corridor onto which rooms open
196. redness of the ey_____l *n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
197. un_____ed crime *adj.* not yet understood, explained, or resolved; remaining a mystery or enigma
198. de___n the value *v.* to lower or damage someone's dignity, honor, or reputation; to treat someone disrespectfully, often in a way that makes them feel inferior or humiliated
199. neutrino ast_____ics *n.* the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe
200. a ra_____l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
201. breakfast n__k *n.* a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

ANSWERS: 193. fertilize, 194. dumb, 195. hallway, 196. eyeball, 197. unsolved, 198. demean, 199. astrophysics, 200. radical, 201. nook

202. re_____t display *n.* a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system
203. jo_____l articles *n.* a newspaper or magazine specialized in a specific topic or profession
204. absolutely fa_____ic event *adj.* extremely good; excellent
205. the branch of neu_____nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
206. neu_____ter receptor *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
207. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
208. not to be seen no_____ys *adv.* at the current time, in comparison to the past
209. charged pa_____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
210. female ho_____e *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
211. bi_____er discovery *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention

ANSWERS: 202. readout, 203. journal, 204. fantastic, 205. neuroscience, 206. neurotransmitter, 207. basis, 208. nowadays, 209. particle, 210. hormone, 211. biomarker

212. protein bio_____le
- n.* a molecule produced by a living organism, typically composed of carbon, hydrogen, oxygen, nitrogen, and other elements, plays a vital role in various biological processes such as metabolism, energy production, and genetic information transfer
213. ci_____t breaker
- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
214. the int_____on between man and his environment
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them
215. electron mic_____py
- n.* the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs
216. ey_____l motion
- n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen
217. stifled ch_____e
- n.* a soft, partly suppressed laugh; an act of laughing quietly; (verb) to laugh quietly or softly, often in a suppressed or restrained way
218. rel_____on music
- n.* a state of being free from tension, stress, or anxiety; a condition of being relaxed, calm, and comfortable; a period of rest or leisure

ANSWERS: 212. biomolecule, 213. circuit, 214. interaction, 215. microscopy, 216. eyeball, 217. chuckle, 218. relaxation

219. tr_____ic brain injury *adj.* relating to or caused by injury, especially emotional injury
220. un___d on vacation *v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something
221. cr_____an skill *n.* a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials
222. ca___o cat *n.* a piece of printed cotton fabric with a brightly colored, often floral, print on a light-colored background; a domestic cat with a coat of white, black, and orange markings
223. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
224. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
225. 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
226. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
227. wa_____se debt *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
228. public di_____t *n.* a strong feeling of dislike or disapproval

ANSWERS: 219. traumatic, 220. unwind, 221. craftsman, 222. calico, 223. define, 224. component, 225. discovery, 226. interaction, 227. warehouse, 228. disgust

229. pain in the ge_____l area *adj.* of or relating to the external and internal reproductive organs
230. the pa_____rk of legislation *n.* a fabric made by stitching together small pieces of different colored and patterned fabrics; a mixture or grouping of diverse elements or components
231. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
232. follow his ins_____ons *n.* detailed direction, order, etc., on how to do or use something
233. a mo____c pavement *n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
234. pr_____or cell *n.* a person or thing that comes before another of the same kind and that contributes to or influences its growth
235. a man of ex_____te sensitivity *adj.* extremely beautiful and delicate
236. 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
237. a dis_____ty pension *n.* a physical or mental condition that makes it difficult for someone to do some things that other people do

ANSWERS: 229. genital, 230. patchwork, 231. process, 232. instruction, 233. mosaic, 234. precursor, 235. exquisite, 236. embryo, 237. disability

248. 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
249. 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
250. good source of essential amino
a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
251. officially di_____ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
252. ge_____l bleeding *adj.* of or relating to the external and internal reproductive organs
253. psy_____gy of crowd *n.* the scientific study of mind and behavior
254. a silence pr_____nt with suspense *adj.* having a baby or young animal developing in the uterus
255. show di_____t at his actions *n.* a strong feeling of dislike or disapproval
256. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
257. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

ANSWERS: 248. discovery, 249. fertilize, 250. acid, 251. dissolve, 252. genital, 253. psychology, 254. pregnant, 255. disgust, 256. decision, 257. mathematics

258. ast_____ics research *n.* the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe
259. add a fe_____ne touch *adj.* relating to women; having the features or appearance often associated with women
260. marine ra_____w *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
261. ey_____w cosmetics *n.* the hair arc over each eye in humans
262. occupational ha____d *n.* something dangerous and likely to cause damage
263. d__b creatures *adj.* lacking the power of speech, unable to speak; stupid, or lacking intelligence
264. ra_____w after a storm *n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
265. fas_____ng story *adj.* extremely interesting
266. a sex chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

ANSWERS: 258. astrophysics, 259. feminine, 260. rainbow, 261. eyebrow, 262. hazard, 263. dumb, 264. rainbow, 265. fascinating, 266. chromosome

Session 3: Fill in the Blanks

1. He couldn't help but _____ when he heard her absurd excuse.
 - v.* to smile in a way that suggests one is pleased or amused by someone or something, often in a smug or self-satisfied manner
2. This evidence will form the _____ for our discussion.
 - n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
3. Many _____ individuals face discrimination and marginalization in society.
 - adj.* relating to or denoting a person whose gender identity does not correspond to that person's biological sex assigned at birth
4. We can hear an _____ piano melody from his room.
 - adj.* extremely beautiful and delicate
5. 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
6. The museum houses a _____ collection of Celtic artifacts.
 - adj.* extremely interesting
7. 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: 1. smirk, 2. basis, 3. transgender, 4. exquisite, 5. microscope, 6. fascinating, 7. embryo

8. They are planning to _____ the house after the fire.
- v.* to build again or anew
9. 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
10. You shouldn't _____ yourself by taking on tasks beneath your skill level.
- v.* to lower or damage someone's dignity, honor, or reputation; to treat someone disrespectfully, often in a way that makes them feel inferior or humiliated
11. She was mesmerized by the _____ colors.
- n.* an arch of colors in the sky caused by the refraction and dispersion of sunlight through rain
12. Endorphins are a type of _____ that gives a sense of well-being.
- n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
13. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
14. The fertilized egg implanted itself in the _____.
- n.* the organ of a woman or female mammal in which a baby develops before birth
15. The machine provided a digital _____ of my heart rate and oxygen levels.
- n.* a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system

ANSWERS: 8. rebuild, 9. cancer, 10. demean, 11. rainbow's, 12. neurotransmitter, 13. relate, 14. womb, 15. readout

16. The case remains _____ after years of investigation.

adj. not yet understood, explained, or resolved; remaining a mystery or enigma

17. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

18. The myth was _____ by scientists, who provided evidence to the contrary.

v. to expose or dismiss as false, exaggerated, or worthless

19. The scientist used a _____ technique to study the cells at a microscopic level.

n. the scientific study of small structures or substances using microscopes, including the anatomical, physiological, and pathological aspects of cells, tissues, and organs

20. DNA is a complex _____ that contains the genetic information of an organism.

n. a molecule produced by a living organism, typically composed of carbon, hydrogen, oxygen, nitrogen, and other elements, plays a vital role in various biological processes such as metabolism, energy production, and genetic information transfer

21. The family quilt was made up of multiple colorful squares of _____ fabric.

n. a piece of printed cotton fabric with a brightly colored, often floral, print on a light-colored background; a domestic cat with a coat of white, black, and orange markings

22. The paint was a _____ of different pigments to achieve the desired color.

n. a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

ANSWERS: 16. unsolved, 17. molecule, 18. debunked, 19. microscopy, 20. biomolecule, 21. calico, 22. mixture

23. _____ is the science of how living things work.
- n.* the branch of the biological sciences dealing with the functioning of organisms
24. This operation requires both patience and _____.
- n.* the quality or condition of being exact and accurate
25. A wealth of information does not always have a positive impact on _____.
- n.* a person who makes important decisions, especially at a high level in an organization
26. I couldn't help but let out a little _____ when I saw the silly photo my friend had sent me.
- n.* a soft, partly suppressed laugh; an act of laughing quietly; (verb) to laugh quietly or softly, often in a suppressed or restrained way
27. She waited for her daughter with _____.
- n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
28. 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
29. The company's plastic products are easily _____ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi

ANSWERS: 23. Physiology, 24. precision, 25. decision-makers, 26. chuckle, 27. anxiety, 28. develop, 29. biodegraded

30. He is a specialist in the _____ of aging.

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

31. The third _____ was far more successful.

- n.* an act or effort of trying to do something, especially something difficult

32. She is searching for a _____ residence.

- adj.* lasting for a long time without essential change

33. The adept _____ carefully carved the wooden figurine with precision and skill.

- n.* a skilled worker who creates handmade objects, especially one who works with wood, metal, or other materials

34. Increased _____ pressure leads to the development of glaucoma.

- n.* the round part of the eye of a vertebrate that is usually inside the head and, therefore, cannot be seen

35. 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

36. The inventor created a _____ that could turn salt water into drinking water.

- n.* a machine or device that is made up of a combination of interconnected parts and often appears complicated or unusual

37. Cultural norms strongly influence _____ expectations.

- n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

ANSWERS: 30. genetics, 31. attempt, 32. permanent, 33. craftsman, 34. eyeball, 35. biology, 36. contraption, 37. gender

38. I decided to seek counseling on the advice of my _____.
- n.* one of a group of a coworker, especially in a profession or a business
39. My father's death _____ my life completely.
- v.* to change in outward structure or looks;
40. She had a master's degree in _____.
- n.* the scientific study of mind and behavior
41. He was studying _____ in an attempt to understand the origins of the universe.
- n.* the branch of physics concerned with the study of the properties and behavior of celestial objects and the physical processes that govern the behavior and evolution of the universe
42. People can clone a sheep _____.
- adv.* at the current time, in comparison to the past
43. Your _____ is capable of distinguishing among similar objects.
- n.* the ability to think logically and comprehend information, especially at an advanced level
44. He did _____ pen-and-ink drawings in just a few days.
- adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
45. _____ symptoms might include a decrease in appetite and weight loss.
- n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

ANSWERS: 38. colleague, 39. transformed, 40. psychology, 41. astrophysics, 42. nowadays, 43. intellect, 44. complicated, 45. Depression

46. I need to sew a _____ onto my jeans that ripped.

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

47. Human females normally have two X _____.

- n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

48. A _____ audience viewed the broadcast.

- adj.* enormous in size, number, amount, or quantity

49. He couldn't help but _____ at his friend's silly joke.

- v.* to laugh in a sly, suppressed, or scornful manner; to snigger; to express amusement or disdain in a quiet or subdued way

50. _____ dysfunction can lead to diseases such as muscular dystrophy.

- n.* a cellular structure made of RNA and protein that helps in the production of proteins

51. 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

52. I like to _____ with a good book after a long day at work.

- v.* to relax and release tension, often by engaging in leisure activities or by simply resting; to reverse the winding or twisting of something

53. He dashed down a _____ to a bathroom.

- n.* an interior passage or corridor onto which rooms open

ANSWERS: 46. patch, 47. chromosomes, 48. vast, 49. snicker, 50. Ribosome, 51. structure, 52. unwind, 53. hallway

54. The first _____ of pregnancy is the most crucial for the development of the fetus.
- n.* approximately three months, especially one of the three three-month periods into which human pregnancy is traditionally divided; one of three divisions of an academic year
55. The city's _____ culture results in great diversity in the arts.
- n.* a pattern or image made of small regular or irregular pieces of colored stone, glass, or ceramic, or the activity or method of making these
56. The store is _____ empty.
- adv.* almost or nearly
57. Health and _____ are, above all, gold.
- n.* the quality or state of being physically, or sometimes mentally, strong
58. The _____ organs of the human body are necessary for reproduction.
- adj.* of or relating to the external and internal reproductive organs
59. The incident _____ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
60. The _____ test showed that the patient was responding well to the treatment.
- n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
61. She wore a _____ of pearls around her neck.
- n.* long, thin material used for tying things together, composed of several twisted threads

ANSWERS: 54. trimester, 55. mosaic, 56. practically, 57. strength, 58. genital, 59. triggered, 60. biomarker, 61. string

62. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
63. He was filled with _____ and fear for the threat of war.
n. a strong feeling of dislike or disapproval
64. He _____ a secret tear when he heard the news of his friend's death.
v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
65. They needed further _____ to perform their duties efficiently.
n. detailed direction, order, etc., on how to do or use something
66. The rules were _____ after the new executive arrived.
v. to become or cause someone to become less active or tense and calmer
67. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
adj. extremely good; excellent
68. Sulfur dioxide and nitrogen oxides are the primary _____ of acid rain.
n. a person or thing that comes before another of the same kind and that contributes to or influences its growth
69. The _____ fur was so fluffy that it looked like it was always moving.
n. a young cat
70. The kitchen _____ was perfect for coffee and chatting with friends.
n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

ANSWERS: 62. physics, 63. disgust, 64. shed, 65. instruction, 66. relaxed, 67. fantastic, 68. precursors, 69. kitten's, 70. nook

71. When a company discloses information to the market, an _____ auditor verifies them.
adj. belonging to or situated outside of someone or something
72. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
73. The mouse squeezed into the tiniest _____ of the wall to avoid being caught by the cat.
n. a small, narrow opening or crack, especially in a wall or rock
74. 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
75. We got caught up in an _____ case.
n. a violent physical attack; the crime of forcing someone to submit to sexual intercourse against their will
76. They didn't have any _____ evidence of his innocence.
adj. capable of being trusted or believed
77. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order
78. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 71. external, 72. component, 73. cranny, 74. fertilize, 75. assault, 76. credible, 77. sequence, 78. decision

79. The experience was so _____ that it left a lasting impact on the survivor's mental health.

adj. relating to or caused by injury, especially emotional injury

80. The boy scout showed us how to tie a _____ that wouldn't come undone.

n. a tight interlacing of something such as rope or thread

81. X-rays revealed a small tumor in his _____.

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

82. These heavy rains caused flash _____ on several islands.

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

83. She wore a beautiful _____ that her grandmother had given her.

n. a piece of jewelry worn around the wrist, often as an ornament or decoration

84. That incident led to his _____.

n. the condition of being alone or lonely; the act or state of separation between persons or groups

85. She vacated the position when she got _____.

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

86. During pregnancy, the stomach generates less _____ than usual.

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 79. traumatic, 80. knot, 81. brain, 82. floods, 83. bracelet, 84. isolation, 85. pregnant, 86. acid

87. 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

88. The government established by the coup was more _____ than before.

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

89. The _____ approach to funding led to an uneven distribution of resources.

n. a fabric made by stitching together small pieces of different colored and patterned fabrics; a mixture or grouping of diverse elements or components

90. Yoga is a great way to promote _____ and reduce stress.

n. a state of being free from tension, stress, or anxiety; a condition of being relaxed, calm, and comfortable; a period of rest or leisure

91. The physician is reading the _____ related to medicine

n. a newspaper or magazine specialized in a specific topic or profession

92. An intelligent battery has a voltage monitoring _____.

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

93. The fire ruined all the food stored in the _____.

n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

94. He finally brought his _____ to perfection.

n. education that results in understanding and the spread of knowledge

ANSWERS: 87. specific, 88. radical, 89. patchwork, 90. relaxation, 91. journals, 92. circuit, 93. warehouse, 94. enlightenment

95. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
96. The industrial _____ laws were passed with little to no alteration.
- n.* the way two persons or groups of people feel and act toward one another
97. The dress mixes sophisticated lines with an appealing floral design for a classically _____ style.
- adj.* relating to women; having the features or appearance often associated with women
98. The academy is known for its _____ faculty and rigorous curriculum.
- adj.* having a high reputation or status; respected or honored; widely recognized as being of high quality or importance
99. He had painted the wood to _____ stone.
- v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
100. The doctor diagnosed me with a _____ disorder.
- n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
101. The _____ of the two groups is good for brainstorming.
- n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 95. process, 96. relations, 97. feminine, 98. prestigious, 99. simulate, 100. hormone, 101. interaction

102. The cords behind my computer were a _____ mess.
n. a confused mass of something twisted together
103. There has been a gradual but steady rise in environmental _____.
n. the fact or state of knowing something exists and is important
104. The _____ instructor guided the group through the relaxation and breathing exercises.
n. the act of focusing one's mind on a particular object or thought; activity to train attention and achieve a mentally clear and emotionally calm and stable state
105. It would be best not to _____ your associates into doing complex tasks.
v. to frighten someone very much
106. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are
107. We can calculate the position of the _____ statistically.
n. a small piece of something; a word or piece of a term with grammatical function but little or no significance
108. He made a _____ mistake and forgot to submit the report on time.
adj. lacking the power of speech, unable to speak; stupid, or lacking intelligence
109. The traveling _____ is coming to our town next week.
n. a public enjoyment and celebration, usually held in the street, featuring music, dancing, and various forms of entertainment
110. Our body transfers information along each _____ using an electrical impulse.
n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 102. tangled, 103. awareness, 104. meditation, 105. terrify, 106. giant, 107. particles, 108. dumb, 109. carnival, 110. neuron

111. To advance this discussion, we must _____ "success" rigorously.
- v.* to state or explain precisely the nature, scope, or meaning of something
112. Listening to music at a high volume may lead to a hearing _____.
- n.* a physical or mental condition that makes it difficult for someone to do some things that other people do
113. 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
114. 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
115. _____ weight is the sum of all the atoms.
- adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
116. I underwent aversion _____ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.
117. I placed my valuables in the ____ before heading out on my hike.
- n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
118. He took me aside and _____ in my ear.
- v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you

ANSWERS: 111. define, 112. disability, 113. breast, 114. discovery, 115. Molecular, 116. therapy, 117. sac, 118. whispered

119. 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

120. In an economically prosperous country, most male _____ is due to child support problems.

- n.* the act of killing yourself intentionally

121. He never _____ his fault.

- v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

122. The nation's healthcare system is in _____ at the moment.

- n.* the process or period of changing from one state or circumstance to another

123. Our university is famous for its professors, who are well-versed in behavioral _____.

- n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

124. She raised an inquiring _____ towards me.

- n.* the hair arc over each eye in humans

125. _____ research has opened up new possibilities for the treatment of certain diseases.

- adj.* relating to changes in gene expression that are not caused by alterations in the underlying DNA sequence but rather by modifications to the structure of DNA or proteins that regulate gene activity

ANSWERS: 119. nucleus, 120. suicide, 121. acknowledged, 122. transition, 123. neuroscience, 124. eyebrow, 125. Epigenetic

126. Lost mobile phones lead to another potential _____ regarding privacy.

n. something dangerous and likely to cause damage

127. He has a flair for _____.

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

128. _____ research is essential to understanding the complex chemical reactions in living organisms.

adj. relating to the chemical processes and substances that occur within living organisms

129. The political party _____ after much internal fighting.

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

130. Carbon has an _____ mass of 12.

adj. of or relating to atom (= the smallest component of an element)

131. The _____ sunset took everyone's breath away.

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

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

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

133. The _____ view of the galaxy is simply breathtaking.

adj. visible to the naked eye; relating to objects or phenomena that are large enough to be seen without the aid of a microscope or other magnifying tools

ANSWERS: 126. hazard, 127. mathematics, 128. Biochemical, 129. dissolved, 130. atomic, 131. stunning, 132. achieve, 133. macroscopic

ANSWERS: