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Vocabulary Builder Reference from...

Moshe Szyf: How early life experience is written into DNA | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

encounter

v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

synonym : meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

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**.

lick

v. to pass the tongue over something to moisten, taste, or eat

synonym : taste, moisten, sweep

(1) **lick** a teaspoon, (2) **lick** its wounds

She **licked** the envelope to seal it before mailing it.

pup

n. a young dog, seal, or other animals

synonym : puppy, whelp, cub

(1) **pup** company, (2) playful **pup**

The little **pup** was so cute, with big, floppy ears and a wagging tail.

groom

v. to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat

synonym: brush, comb, neaten

(1) **groom** duties, (2) **groom** a horse

I need to **groom** my dog before his fur gets too long.

intensive

adj. involving a lot of work or activity in a short time

synonym: thorough, comprehensive, in-depth

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

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

magic

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

synonym: fascination, illusion, wizardry

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

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

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.

determinant

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

synonym: cause, factor, element

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

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

foster

v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents

synonym : nurture, nourish, cultivate

(1) **foster** a better relationship, (2) **foster** two kids

The pastor contributed to **fostering** the sense of a community embracing all classes.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

separate

v. to force, take, or pull apart; mark as different

synonym : disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym : resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

remarkable

adj. worthy of attention because unusual or special

synonym : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of

knowledge

The election was a **remarkable** success for the Whigs.

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.

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.

property

n. a thing or things that belong to someone

synonym: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

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.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

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.

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**.

decide

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

synonym : choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym : structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

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**.

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

reprogram

v. to modify or recreate a program

synonym: recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database

He **reprogrammed** the computer's operating system to remove the safeguard.

offspring

n. descendant; any immature animal or plant

synonym: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

cascade

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

synonym: waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

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.

translate

v. to convert or change words into another language

synonym: convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

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.

harsh

adj. severe and unkind; extremely tough and unpleasant to inhabit

synonym : brutal, severe, backbreaking

(1) **harsh** climate, (2) use of **harsh** chemicals

The prime minister faced **harsh** criticism.

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.

inherit

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

synonym : obtain, gain, acquire

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

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

ancestor

n. a person from whom one is descended; a forefather

synonym : forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

evolve

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

synonym : develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade
Eyeless fish **evolved** in dark caves.

evolution

n. a gradual process of transformation of living things
synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory
They study the **evolution** of the universe.

enormous

adj. extremely large or great
synonym: huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential
Shakespeare's output of poetry was **enormous**.

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.

anxious

adj. worried and nervous
synonym: nervous, uneasy, afraid

(1) **anxious** about his health, (2) an **anxious** look
He cast **anxious** glances behind her.

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.

binge

n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym: spree, overindulgence, splurge

(1) **binge** on social media, (2) alcohol **binge**

She stayed up all night **binge-watching** her favorite TV show.

function

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

synonym : purpose, mapping, job

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

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

dynamic

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

synonym : energetic, active, vital

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

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

environment

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

synonym : atmosphere, surroundings, climate

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

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

preparation

n. the activity of getting ready for something or making something ready

synonym : practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals

He helped me with the **preparation** of this book.

adaptive

adj. capable of adjusting to new situations or changing conditions

synonym: flexible, adjustable, pliant

(1) the **adaptive** coloring, (2) **adaptive** technology

The **adaptive** learning system adjusts the difficulty level of the lessons based on the student's performance.

suppose

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

synonym: guess, assume, presume

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

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

famine

n. a severe shortage of food, often caused by drought, war, or economic reasons

synonym: hunger, starvation, drought

(1) **famine** relief, (2) coal **famine**

The severe **famine** caused by the drought has left many people without food.

obesity

n. the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.

synonym: overweight, corpulence, fattiness

(1) **obesity-related** diseases, (2) suffer from **obesity**

The prevalence of **obesity** has increased significantly in recent years.

cardiovascular

adj. of or relating to the heart and blood vessels (= tubes that carry blood around the body)

(1) **cardiovascular** diseases, (2) **cardiovascular** tissue

Smoking places you at severe risk of **cardiovascular** and respiratory disease.

metabolism

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

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

Better sleep leads to increased **metabolism**.

disease

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

synonym: illness, ailment, affliction

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

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

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

ethical

adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

synonym: honorable, moral, virtuous

(1) an **ethical** doctrine, (2) shoulder **ethical** responsibility

The president must have the highest **ethical** standards.

administer

v. to oversee and control the operation or arrangement of something

synonym: allocate, distribute, dispense

(1) **administer** justice, (2) **administer** the funds

After the accident, three governmental bodies **administer** the company.

adversity

n. difficulties or hardships that someone faces

synonym: hardship, difficulty, trial

(1) environmental **adversity**, (2) struggling with **adversity**

The team demonstrated great resilience in the face of **adversity** and won the game.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**
To find drunk drivers, police conduct **random** tests.

poverty

n. the condition of being extremely poor
synonym: deprivation, destitution, poorness

(1) **poverty** alleviation, (2) the cycle of **poverty**
Many studies have investigated the relationship between **poverty** and academic achievement.

impoverished

adj. reduced to poverty or destitution; lacking in resources, means, or vitality; depleted or exhausted
synonym: destitute, bankrupt, famished

(1) **impoverished** nation, (2) **impoverished** family
The **impoverished** villagers struggled to make ends meet with little access to food and clean water.

phenotype

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

(1) **phenotype** variation, (2) dominant **phenotype**
Our genetic **phenotype** determines the color of our eyes.

cousin

n. the child of your aunt or uncle
synonym: relative

(1) cross- **cousin** marriage, (2) **cousin's** family
I used to play with my younger male **cousins** when I was a little girl.

rear

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult
synonym: back, end, behind

(1) the **rear** gate, (2) **rear** children
The player quickly went to the **rear** side of the defender.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

synonym: healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

surrogate

adj. acting as a substitute or replacement for someone or something else; having a similar function or purpose

synonym: substitute, replacement, deputy

(1) **surrogate** pregnancy, (2) **surrogate** decision

The **surrogate** mother gave birth to a healthy baby for the couple who couldn't conceive independently.

moth

n. an insect with wings similar to a butterfly that travels at night and is attracted to light

(1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

norm

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

synonym: criterion, mean, standard

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

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

alcohol

n. a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.

synonym: booze, liquor, ethanol

(1) stop drinking **alcohol**, (2) diluted **alcohol**

There is a clear association between **alcohol** consumption and cognitive decline.

aggressive

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

synonym: assertive, combative, threatening

(1) an **aggressive** war, (2) an **aggressive** tumor

An **aggressive** tide wrecked the ship.

modern

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

synonym: contemporary, stylish, current

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

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

methyl

n. a type of organic compound that is characterized by the presence of a methyl group, which is a single carbon atom attached to three hydrogen atoms, and methyl compounds are commonly used as solvents, fuels, and in the production of a wide range of chemical products

(1) **methyl** alcohol, (2) **methyl** paraben

The plant biology research team identified the specific types of **methyl** groups present in the plant's DNA.

nucleotide

n. a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells

synonym: base pair, DNA building block

(1) **nucleotide** sequence, (2) DNA **nucleotide**

Adenine and thymine are complementary **nucleotides** in DNA.

resolve

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

synonym: decide, determine, fix

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

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

genome

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

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

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

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

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

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

placenta

n. a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb

(1) **placenta** blood, (2) fetal **placenta**

The **placenta** produces various hormones that help maintain the pregnancy.

rank

n. a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

synonym : position, status, standing

(1) **rank** amateur, (2) high **rank**

He was promoted to the **rank** of captain in the military.

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.

hierarchy

n. a system in which people or things are organized into different levels of importance from highest to lowest

synonym : ranking, order, scale

(1) top of the **hierarchy**, (2) **hierarchy** of folders

She has taken a step up in the organizational **hierarchy**.

peon

n. a person of low social status or low-wage worker, often doing menial or unskilled labor; historically, a person in Spanish America held in servitude to work on large estates or in mines

synonym : worker, laborer, serf

(1) entry-level **peon**, (2) **peon** labor

He started his career as a **peon** in the company and worked his way up to an executive position.

cage

n. a structure made of metal bars or wire in which birds or animals can be kept

synonym: enclosure, jail, corral

(1) an insect **cage**, (2) a bird in a **cage**

The trapped bear is running amok in its **cage**.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym: catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

province

n. the territory occupied by one of the constituent administrative districts of a nation

synonym: area, section, region

(1) Bengal **province**, (2) home **province**

A network of railways has developed over the **province**.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

temperature

n. the degree of hotness or coldness of a thing or place

synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric

temperature

Cities around the world set records for highest **temperatures** this summer.

minus

adj. subtracting or taking away; having a value less than zero

synonym: without, lacking, negative

(1) **minus** sign, (2) **minus** temperature

The recipe calls for four cups of flour **minus** one tablespoon.

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**.

in-law

n. a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law

synonym: relative by marriage, family connection, affinal

(1) future **in-law**, (2) meeting **in-laws**

My sister- **in-law** is a pediatrician who works in a children's hospital.

posh

adj. elegant, fashionable, or luxurious, often to an excessive or ostentatious degree; associated with the upper classes or a high level of social status

synonym: elegant, fancy, luxurious

(1) **posh** district, (2) **posh** restaurant

The CEO's office was decorated in a **posh** and elegant style.

autism

n. a developmental disorder characterized by difficulties in social interaction, verbal and nonverbal communication

(1) high-functioning **autism**, (2) **autism** spectrum disorder

There is no cure for **autism**, but early intervention and therapy can improve outcomes for individuals with the condition.

autoimmune

adj. relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

(1) insulin **autoimmune** syndrome, (2) **autoimmune** disorder

The presence of certain substances triggered the **autoimmune** response.

rearrange

v. to change the order or position of things already made; to change the time, date, or place of an event already planned

synonym: readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule

Please **rearrange** these files as we start a new project tomorrow.

slave

n. a person who is, either legally or illegally, owned by someone; a person entirely dominated by some influence or a person

synonym: captive, bondservant, hard worker

(1) a **slave** of drink, (2) a **slave** trader

You should work hard but not be a **slave** to it.

deprogram

v. to release someone from a restrictive or controlling ideology, belief system, or cult; to disabuse or undo the effects of indoctrination or brainwashing

synonym: rehabilitate, unprogram, free

(1) **deprogram** cult members, (2) **deprogram** extremist views

The organization offered resources to help people

deprogram from addiction.

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.

cocaine

n. a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor

synonym: narcotic, coke, snow

(1) powder **cocaine**, (2) **cocaine** overdose

The drug dealer was arrested for possession of **cocaine**.

addiction

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

synonym: dependence

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

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

addict

n. a person who cannot stop using or doing something as a habit, especially something harmful

synonym: devotee, buff, freak

(1) a drug **addict**, (2) Internet **addict**

We have become TV **addicts** due to video streaming services.

recapitulate

v. to summarize or repeat the main points of something

synonym: summarize, repeat, restate

(1) **recapitulate** briefly, (2) **recapitulate** a speech

He **recapitulated** the main points of the meeting for those who had not been able to attend.

- cue** *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
synonym : signal, sign, hint
(1) **cue** card, (2) visual **cue**
The director gave the actor a **cue** to begin the scene.
- crazy** *adj.* stupid or not sensible; very angry
synonym : insane, absurd, bizarre
(1) **crazy** about cars and racing, (2) a **crazy** scheme
The rain and thunder are **crazy** today.
- lever** *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
synonym : lifter, crowbar, bar
(1) a gear change **lever**, (2) **lever** for reform
This initiative will be a **lever** for increasing company sales.
- marked** *adj.* having a noticeable feature or distinctive quality; easily noticeable or obvious
synonym : distinct, prominent, striking
(1) a **marked** difference, (2) **marked** decline
Her **marked** improvement in her grades resulted from her increased focus and effort.
- addictive** *adj.* causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming
synonym : habit-forming, captivating, compelling
(1) highly **addictive**, (2) **addictive** substance
The new video game was so **addictive** that he stayed up all night playing it.
- craving** *n.* a strong desire of wanting something
synonym : desire, appetite, longing
(1) **craving** for revenge, (2) curb our **cravings**

I have a **craving** for nicotine.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

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.

script

n. a written text of a film, play, broadcast, or speech; something written by hand

synonym: writing, penmanship, article

(1) a hand **script**, (2) the **script** of a play

The archaeologist found a hieratic Egyptian **script** on a stone monument.

interactive

adj. acting reciprocally; mutually responsive

synonym: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

spite

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

synonym: malice, ill will, vindictiveness

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

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

deterministic

adj. characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations

synonym : predictable, predetermined, certain

(1) **deterministic** approach, (2) **deterministic** system

The **deterministic** algorithm always produces the same result for a given input.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym : enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

optimistic

adj. hoping or expecting that good thing will happen or something will be successful

synonym : hopeful, auspicious, cheery

(1) he is **optimistic**, (2) **optimistic** outlook

Most executives were **optimistic** about future business conditions.

adapt

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

synonym : adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

intervene

v. to intentionally get involved in a situation to improve it or prevent it from getting worse

synonym : interfere, mediate, intercede

(1) **intervene** in a dispute, (2) **intervene** between quarreling parties

Following international law, our country does not **intervene** in the internal affairs of our neighbors.

reverse

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

moving toward the rear

synonym : overturn, shift, switch

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

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

narrative

n. a story or a description of a series of events or process of telling a story

synonym : the tale, chronology, annals

(1) **narrative** poetry, (2) personal **narrative**

The **narrative** handles multiple plot lines and has unpredictable ends.

combine

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

synonym : coalesce, cohere, blend

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

(2) **combine** augmented reality

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

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.

extent

n. the point or degree or area to which something extends

synonym : amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

destiny

n. the events that will inevitably happen to a particular person or thing in the future

synonym : fate, future, outcome

(1) foreordained **destiny**, (2) **destiny** of the individual

It is said that our **destiny** is written in the stars.

conquer

v. to bring under control by force or authority

synonym: defeat, overpower, subdue

(1) **conquer** fatal disease, (2) **conquer** the world

You must **conquer** your anxiety about driving.

plague

n. any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body

synonym: epidemic, pandemic, pest

(1) catch the **plague**, (2) deadly **plague**

Our farm experienced a **plague** of locusts this year.

humankind

n. the whole of the living human inhabitants of the earth

synonym: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

responsible

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

synonym: accountable, answerable, liable

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

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

Session 2: Spelling

1. become ess_____ly same
adv. relating to the essential features or concepts of anything
2. shoulder et_____l responsibility
adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
3. su_____te pregnancy
adj. acting as a substitute or replacement for someone or something else; having a similar function or purpose
4. exp_____nt design
n. the scientific test conducted to observe what happens and gain new knowledge
5. 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
6. DNA nuc_____de
n. a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells
7. produce of_____ng
n. descendant; any immature animal or plant
8. insulin aut_____ne syndrome
adj. relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances

ANSWERS: 1. essentially, 2. ethical, 3. surrogate, 4. experiment, 5. cancer, 6. nucleotide, 7. offspring, 8. autoimmune

9. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
10. tumor of w__b *n.* the organ of a woman or female mammal in which a baby develops before birth
11. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
12. 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
13. p__n labor *n.* a person of low social status or low-wage worker, often doing menial or unskilled labor; historically, a person in Spanish America held in servitude to work on large estates or in mines
14. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
15. bear sp__e against him *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty

ANSWERS: 9. component, 10. womb, 11. humankind, 12. nucleus, 13. peon, 14. function, 15. spite

16. ad_____ve substance *adj.* causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming
17. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
18. a ma___d difference *adj.* having a noticeable feature or distinctive quality; easily noticeable or obvious
19. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
20. en_____us potential *adj.* extremely large or great
21. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
22. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
23. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
24. de_____am extremist views *v.* to release someone from a restrictive or controlling ideology, belief system, or cult; to disabuse or undo the effects of indoctrination or brainwashing
25. en_____er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 16. addictive, 17. fundamental, 18. marked, 19. biology, 20. enormous, 21. colleague, 22. decide, 23. genome, 24. deprogram, 25. encounter

26. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
27. fo___r two kids *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
28. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
29. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
30. m__h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
31. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
32. ad_____on to foreign oil *n.* the inability to stop using or doing something as a habit, especially something harmful
33. p__h restaurant *adj.* elegant, fashionable, or luxurious, often to an excessive or ostentatious degree; associated with the upper classes or a high level of social status
34. ess_____ly correct *adv.* relating to the essential features or concepts of anything
35. a man of pr_____ty *n.* a thing or things that belong to someone

ANSWERS: 26. brain, 27. foster, 28. genetics, 29. tremendous, 30. moth, 31. magic, 32. addiction, 33. posh, 34. essentially, 35. property

36. co____e chemically with another substance
v. to join or merge to form a single thing or group
37. det____tic system
adj. characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations
38. le__r for reform
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
39. the ex__t of the damage
n. the point or degree or area to which something extends
40. adm____er justice
v. to oversee and control the operation or arrangement of something
41. complex bio____al
adj. relating to the chemical processes and substances that occur within living organisms
42. rem____le achievement
adj. worthy of attention because unusual or special
43. a det____nt of crop yields
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
44. highly ad____ve
adj. causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming
45. former co____ue
n. one of a group of a coworker, especially in a profession or a business

ANSWERS: 36. combine, 37. deterministic, 38. lever, 39. extent, 40. administer, 41. biochemical, 42. remarkable, 43. determinant, 44. addictive, 45. colleague

46. environmental ad_____ty *n.* difficulties or hardships that someone faces
47. 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
48. met_____sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
49. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
50. na_____ve poetry *n.* a story or a description of a series of events or process of telling a story
51. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
52. an et_____l doctrine *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
53. au___m spectrum disorder *n.* a developmental disorder characterized by difficulties in social interaction, verbal and nonverbal communication
54. an ele_____al storm *adj.* relating to electricity
55. the r__r gate *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
56. adm_____er the funds *v.* to oversee and control the operation or arrangement of something

ANSWERS: 46. adversity, 47. cancer, 48. metabolism, 49. random, 50. narrative, 51. biology, 52. ethical, 53. autism, 54. electrical, 55. rear, 56. administer

57. a sl__e trader *n.* a person who is, either legally or illegally, owned by someone; a person entirely dominated by some influence or a person
58. ob____y-related diseases *n.* the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.
59. home pr____ce *n.* the territory occupied by one of the constituent administrative districts of a nation
60. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
61. certain ex__t *n.* the point or degree or area to which something extends
62. history of hu____nd *n.* the whole of the living human inhabitants of the earth
63. curb our cr____gs *n.* a strong desire of wanting something
64. imp____hed family *adj.* reduced to poverty or destitution; lacking in resources, means, or vitality; depleted or exhausted
65. w__b transplant *n.* the organ of a woman or female mammal in which a baby develops before birth
66. gr__m a horse *v.* to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat

ANSWERS: 57. slave, 58. obesity, 59. province, 60. adapt, 61. extent, 62. humankind, 63. craving, 64. impoverished, 65. womb, 66. groom

67. the ad____ve coloring *adj.* capable of adjusting to new situations or changing conditions
68. p__h district *adj.* elegant, fashionable, or luxurious, often to an excessive or ostentatious degree; associated with the upper classes or a high level of social status
69. ha__h climate *adj.* severe and unkind; extremely tough and unpleasant to inhabit
70. earliest human an____or *n.* a person from whom one is descended; a forefather
71. the rem____le breadth of knowledge *adj.* worthy of attention because unusual or special
72. res____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
73. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
74. human ev____on *n.* a gradual process of transformation of living things
75. re____e the computer error *v.* to find a suitable answer to the problems or difficulty
76. the cycle of po____y *n.* the condition of being extremely poor
77. 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

ANSWERS: 67. adaptive, 68. posh, 69. harsh, 70. ancestor, 71. remarkable, 72. responsible, 73. grid, 74. evolution, 75. resolve, 76. poverty, 77. develop

78. gr__m duties *v.* to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat
79. a hand sc___t *n.* a written text of a film, play, broadcast, or speech; something written by hand
80. re_____am a device *v.* to modify or recreate a program
81. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
82. transistor ca_____e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
83. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
84. suffer from ob_____y *n.* the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.
85. co_____t car *n.* an idea or principle associated with something abstract
86. a sl__e of drink *n.* a person who is, either legally or illegally, owned by someone; a person entirely dominated by some influence or a person

ANSWERS: 78. groom, 79. script, 80. reprogram, 81. sequence, 82. cascade, 83. dynamic, 84. obesity, 85. concept, 86. slave

87. mi__s temperature *adj.* subtracting or taking away; having a value less than zero
88. su_____e you're right *v.* to think that something is likely to be actual or possible
89. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
90. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
91. an_____or language *n.* a person from whom one is descended; a forefather
92. car_____lar tissue *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
93. ev_____on theory *n.* a gradual process of transformation of living things
94. phy_____gy research *n.* the branch of the biological sciences dealing with the functioning of organisms
95. po_____y alleviation *n.* the condition of being extremely poor
96. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
97. vi___l navigation *adj.* relating to seeing or sight
98. de_____y of the individual *n.* the events that will inevitably happen to a particular person or thing in the future
99. 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

ANSWERS: 87. minus, 88. suppose, 89. opposition, 90. lever, 91. ancestor, 92. cardiovascular, 93. evolution, 94. physiology, 95. poverty, 96. environment, 97. visual, 98. destiny, 99. process

100. re_____am a database *v.* to modify or recreate a program
101. alcohol ad_____on *n.* the inability to stop using or doing something as a habit, especially something harmful
102. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
103. a drug ad____t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
104. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
105. Bengal pr_____ce *n.* the territory occupied by one of the constituent administrative districts of a nation
106. a dy_____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
107. pl_____ta blood *n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb
108. cultural n__m *n.* something that is regarded as usual, typical, or standard
109. fatty li__r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

ANSWERS: 100. reprogram, 101. addiction, 102. modern, 103. addict, 104. disaster, 105. province, 106. dynamic, 107. placenta, 108. norm, 109. liver

110. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
111. high r__k *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
112. mi__s sign *adj.* subtracting or taking away; having a value less than zero
113. catch the pl___e *n.* any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body
114. use of ha__h chemicals *adj.* severe and unkind; extremely tough and unpleasant to inhabit
115. in_____ve care *adj.* involving a lot of work or activity in a short time
116. an agg_____ve war *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
117. 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
118. co___n's family *n.* the child of your aunt or uncle
119. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 110. tissue, 111. rank, 112. minus, 113. plague, 114. harsh, 115. intensive, 116. aggressive, 117. embryo, 118. cousin, 119. reverse

120. he is opt_____ic *adj.* hoping or expecting that good thing will happen or something will be successful
121. key co_____nt *n.* one of several parts that combines with others to form something bigger
122. bombs fell at ra____m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
123. cr__y about cars and racing *adj.* stupid or not sensible; very angry
124. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
125. human phy_____gy *n.* the branch of the biological sciences dealing with the functioning of organisms
126. co_____r the world *v.* to bring under control by force or authority
127. 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
128. powder co_____e *n.* a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor
129. Internet ad____t *n.* a person who cannot stop using or doing something as a habit, especially something harmful

ANSWERS: 120. optimistic, 121. component, 122. random, 123. crazy, 124. separate, 125. physiology, 126. conquer, 127. epigenetic, 128. cocaine, 129. addict

130. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
131. an insect c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
132. struggling with ad_____ty *n.* difficulties or hardships that someone faces
133. rec_____ate a speech *v.* to summarize or repeat the main points of something
134. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
135. fa___e relief *n.* a severe shortage of food, often caused by drought, war, or economic reasons
136. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
137. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
138. imp_____hed nation *adj.* reduced to poverty or destitution; lacking in resources, means, or vitality; depleted or exhausted
139. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
140. mo___n poetry *adj.* of or belonging to the present time or recent times

ANSWERS: 130. adapt, 131. cage, 132. adversity, 133. recapitulate, 134. disease, 135. famine, 136. brain, 137. disease, 138. impoverished, 139. evolve, 140. modern

141. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
142. cr_____g for revenge *n.* a strong desire of wanting something
143. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
144. c_e card *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
145. a ch_____al compound *adj.* relating to or connected with chemistry;
146. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
147. a volunteer nu___e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
148. nu___e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
149. me___l paraben *n.* a type of organic compound that is characterized by the presence of a methyl group, which is a single carbon atom attached to three hydrogen atoms, and methyl compounds are commonly used as solvents, fuels, and in the production of a wide range of chemical products

ANSWERS: 141. temperature, 142. craving, 143. responsible, 144. cue, 145. chemical, 146. genome, 147. nurse, 148. nurse, 149. methyl

150. needs of pr_____nt women *adj.* having a baby or young animal developing in the uterus
151. the sc___t of a play *n.* a written text of a film, play, broadcast, or speech; something written by hand
152. re_____ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
153. de_____am cult members *v.* to release someone from a restrictive or controlling ideology, belief system, or cult; to disabuse or undo the effects of indoctrination or brainwashing
154. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
155. high-functioning au___m *n.* a developmental disorder characterized by difficulties in social interaction, verbal and nonverbal communication
156. l__k its wounds *v.* to pass the tongue over something to moisten, taste, or eat
157. a silence pr_____nt with suspense *adj.* having a baby or young animal developing in the uterus
158. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
159. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 150. pregnant, 151. script, 152. rearrange, 153. deprogram, 154. determinant, 155. autism, 156. lick, 157. pregnant, 158. degree, 159. evolve

160. m__h attracted to the light *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
161. fun _____al rights *adj.* forming an essential base or core from which everything else develops or is affected
162. chemical pr_____ty *n.* a thing or things that belong to someone
163. det _____tic approach *adj.* characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations
164. the atmospheric tem _____re *n.* the degree of hotness or coldness of a thing or place
165. diluted al _____l *n.* a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.
166. entry-level p__n *n.* a person of low social status or low-wage worker, often doing menial or unskilled labor; historically, a person in Spanish America held in servitude to work on large estates or in mines
167. nuc _____de sequence *n.* a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells

ANSWERS: 160. moth, 161. fundamental, 162. property, 163. deterministic, 164. temperature, 165. alcohol, 166. peon, 167. nucleotide

168. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
169. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
170. r__k amateur *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
171. ca_____e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
172. meeting in___ws *n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
173. l__k a teaspoon *v.* to pass the tongue over something to moisten, taste, or eat
174. future in___w *n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
175. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
176. stop drinking al_____l *n.* a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.
177. 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

ANSWERS: 168. magic, 169. decide, 170. rank, 171. cascade, 172. in-law, 173. lick, 174. in-law, 175. degree, 176. alcohol, 177. develop

178. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
179. an int_____ve device *adj.* acting reciprocally; mutually responsive
180. die in sp__e of intensive care *n.* feelings of anger and resentment; (in spite of, also despite) a phrase that is used to indicate that something happened or exists even though there is a particular obstacle or difficulty
181. personal na_____ve *n.* a story or a description of a series of events or process of telling a story
182. foreordained de_____y *n.* the events that will inevitably happen to a particular person or thing in the future
183. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
184. aut_____ne disorder *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
185. top of the hi_____hy *n.* a system in which people or things are organized into different levels of importance from highest to lowest
186. 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
187. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

ANSWERS: 178. tremendous, 179. interactive, 180. spite, 181. narrative, 182. destiny, 183. inherit, 184. autoimmune, 185. hierarchy, 186. structure, 187. liver

188. car_____lar diseases *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
189. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
190. bio_____al reaction *adj.* relating to the chemical processes and substances that occur within living organisms
191. co_____r fatal disease *v.* to bring under control by force or authority
192. co_____e augmented reality *v.* to join or merge to form a single thing or group
193. de_____e my position *v.* to state or explain precisely the nature, scope, or meaning of something
194. int_____ve experience *adj.* acting reciprocally; mutually responsive
195. playful p_p *n.* a young dog, seal, or other animals
196. tr_____te the emotion to a movement *v.* to convert or change words into another language
197. degree in ele_____al engineering *adj.* relating to electricity
198. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
199. re_____ge his schedule *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

ANSWERS: 188. cardiovascular, 189. reverse, 190. biochemical, 191. conquer, 192. combine, 193. define, 194. interactive, 195. pup, 196. translate, 197. electrical, 198. genetics, 199. rearrange

200. fetal pl_____ta	<i>n.</i>	a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb
201. de___e a word	<i>v.</i>	to state or explain precisely the nature, scope, or meaning of something
202. se_____te video into chapter	<i>v.</i>	to force, take, or pull apart; mark as different
203. st_____re and function of the brain	<i>n.</i>	the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
204. a facial ti___e	<i>n.</i>	an ensemble of similar cells of the animal or plant that together carry out a specific function
205. en_____er a crisis	<i>v.</i>	to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
206. tr_____te a document into English	<i>v.</i>	to convert or change words into another language
207. in_____ve agriculture	<i>adj.</i>	involving a lot of work or activity in a short time
208. a dr_____ic rescue at sea	<i>adj.</i>	very sudden, very excellent, or full of action and excitement
209. a cr__y scheme	<i>adj.</i>	stupid or not sensible; very angry
210. coal fa___e	<i>n.</i>	a severe shortage of food, often caused by drought, war, or economic reasons
211. re_____e a dispute	<i>v.</i>	to find a suitable answer to the problems or difficulty

ANSWERS: 200. placenta, 201. define, 202. separate, 203. structure, 204. tissue, 205. encounter, 206. translate, 207. intensive, 208. dramatic, 209. crazy, 210. famine, 211. resolve

212. 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
213. global di____er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
214. n__m of action *n.* something that is regarded as usual, typical, or standard
215. in____t estate *v.* to receive money, property, or a title from someone after they have died
216. fo____r a better relationship *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
217. in____ne between quarreling parties *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
218. 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
219. rec____ate briefly *v.* to summarize or repeat the main points of something
220. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 212. nucleus, 213. disaster, 214. norm, 215. inherit, 216. foster, 217. intervene, 218. embryo, 219. recapitulate, 220. sequence

221. p_p company *n.* a young dog, seal, or other animals
222. co_____e overdose *n.* a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor
223. female of_____ng *n.* descendant; any immature animal or plant
224. r__r children *adj.* at, toward, or near the back part of something; (verb) to look after a child until it is an adult
225. an an_____s look *adj.* worried and nervous
226. field of vi____l arts *adj.* relating to seeing or sight
227. ph_____pe variation *n.* the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives
228. hi_____hy of folders *n.* a system in which people or things are organized into different levels of importance from highest to lowest
229. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 221. pup, 222. cocaine, 223. offspring, 224. rear, 225. anxious, 226. visual, 227. phenotype, 228. hierarchy, 229. function

230. hemoglobin met_____sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
231. ad_____ve technology *adj.* capable of adjusting to new situations or changing conditions
232. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
233. a bird in a c___e *n.* a structure made of metal bars or wire in which birds or animals can be kept
234. bi___e on social media *n.* a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
235. toxic ch_____als *adj.* relating to or connected with chemistry;
236. alcohol bi___e *n.* a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
237. ma___d decline *adj.* having a noticeable feature or distinctive quality; easily noticeable or obvious
238. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
239. the pre_____on of meals *n.* the activity of getting ready for something or making something ready
240. an_____s about his health *adj.* worried and nervous
241. me___l alcohol *n.* a type of organic compound that is characterized by the presence of a methyl group, which is a single carbon atom attached to three hydrogen atoms, and methyl compounds are commonly used as solvents, fuels, and in the production of a wide range of chemical products

ANSWERS: 230. metabolism, 231. adaptive, 232. experiment, 233. cage, 234. binge,

235. chemical, 236. binge, 237. marked, 238. environment, 239. preparation, 240. anxious, 241. methyl

251. cross-co___n marriage *n.* the child of your aunt or uncle
252. learn new co____ts *n.* an idea or principle associated with something abstract
253. 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
254. an agg____ve tumor *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
255. a pre____on program *n.* the activity of getting ready for something or making something ready
256. en____us amount *adj.* extremely large or great
257. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
258. make dr____ic changes *adj.* very sudden, very excellent, or full of action and excitement

ANSWERS: 251. cousin, 252. concept, 253. process, 254. aggressive, 255. preparation, 256. enormous, 257. grid, 258. dramatic

Session 3: Fill in the Blanks

1. The little ____ was so cute, with big, floppy ears and a wagging tail.
n. a young dog, seal, or other animals
2. He _____ the computer's operating system to remove the safeguard.
v. to modify or recreate a program
3. 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
4. Her _____ improvement in her grades resulted from her increased focus and effort.
adj. having a noticeable feature or distinctive quality; easily noticeable or obvious
5. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
adj. involving a lot of work or activity in a short time
6. The statement had a _____ impact on house prices.
adj. very sudden, very excellent, or full of action and excitement
7. One _____ of success is having a positive attitude and a strong work ethic.
n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
8. The sprinter has a _____ way of running.
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 1. pup, 2. reprogrammed, 3. biology, 4. marked, 5. intensive, 6. dramatic, 7. determinant, 8. dynamic

9. Our genetic _____ determines the color of our eyes.
- n.* the observable physical or biochemical characteristics of an individual organism that result from the interaction between its genetic makeup and the environment in which it lives
10. I used to play with my younger male _____ when I was a little girl.
- n.* the child of your aunt or uncle
11. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management
12. Most executives were _____ about future business conditions.
- adj.* hoping or expecting that good thing will happen or something will be successful
13. The new video game was so _____ that he stayed up all night playing it.
- adj.* causing a strong desire or compulsion to use or consume repeatedly, often to the point of dependency or harm; habit-forming
14. The _____ party strongly disagreed with the government's proposed legislation.
- n.* the act of disagreeing or resisting; the state of strong disagreement
15. Eyeless fish _____ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
16. The researcher separated the nervous _____ for microscopic examinations.
- n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 9. phenotype, 10. cousins, 11. responsible, 12. optimistic, 13. addictive, 14. opposition, 15. evolved, 16. tissue

17. The _____ learning system adjusts the difficulty level of the lessons based on the student's performance.
adj. capable of adjusting to new situations or changing conditions
18. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
19. Adenine and thymine are complementary _____ in DNA.
n. a basic structural unit or building block of nucleic acids (DNA and RNA) consisting of a sugar molecule, a phosphate group, and a nitrogenous base (adenine, cytosine, guanine, thymine, or uracil), which combine to form the genetic code and carry information within cells
20. Smoking places you at severe risk of _____ and respiratory disease.
adj. of or relating to the heart and blood vessels (= tubes that carry blood around the body)
21. The team demonstrated great resilience in the face of _____ and won the game.
n. difficulties or hardships that someone faces
22. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
23. After his death, his sons _____ his business.
v. to receive money, property, or a title from someone after they have died
24. The drug dealer was arrested for possession of _____.
n. a highly addictive stimulant drug that is derived from the leaves of the coca plant, often used recreationally for its euphoric effects but also used in medicine as a local anesthetic and vasoconstrictor

ANSWERS: 17. adaptive, 18. experiments, 19. nucleotides, 20. cardiovascular, 21. adversity, 22. remarkable, 23. inherited, 24. cocaine

25. This company _____ its battery problem completely.
- v.* to find a suitable answer to the problems or difficulty
26. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
27. 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
28. He started his career as a _____ in the company and worked his way up to an executive position.
- n.* a person of low social status or low-wage worker, often doing menial or unskilled labor; historically, a person in Spanish America held in servitude to work on large estates or in mines
29. The CEO's office was decorated in a _____ and elegant style.
- adj.* elegant, fashionable, or luxurious, often to an excessive or ostentatious degree; associated with the upper classes or a high level of social status
30. My remote _____ immigrated to the United States from Ireland in the 1800s.
- n.* a person from whom one is descended; a forefather
31. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different

ANSWERS: 25. resolves, 26. function, 27. brain, 28. peon, 29. posh, 30. ancestor, 31. separate

32. The human _____ contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things
33. The pastor contributed to _____ the sense of a community embracing all classes.
v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
34. He is now fighting his _____ to drugs.
n. the inability to stop using or doing something as a habit, especially something harmful
35. The president must have the highest _____ standards.
adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
36. 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
37. 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
38. The patient will undergo _____ transplant surgery tomorrow.
n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
39. Many studies have investigated the relationship between _____ and academic achievement.
n. the condition of being extremely poor

ANSWERS: 32. genome, 33. fostering, 34. addiction, 35. ethical, 36. colleague, 37. nucleus, 38. liver, 39. poverty

40. An _____ tide wrecked the ship.

adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

41. The player quickly went to the _____ side of the defender.

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

42. She couldn't _____ whether to order the pizza or the pasta for dinner.

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

43. He cast _____ glances behind her.

adj. worried and nervous

44. 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

45. I need to _____ my dog before his fur gets too long.

v. to clean, brush, and care for the fur or feathers of an animal; to prepare oneself or someone else for a special event or occasion; to make something neat

46. I advised him to _____ to his new surroundings.

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

47. Human behavior has _____ characteristics.

adj. forming an essential base or core from which everything else develops or is affected

ANSWERS: 40. aggressive, 41. rear, 42. decide, 43. anxious, 44. structure, 45. groom, 46. adapt, 47. fundamental

48. The _____ response team worked around the clock to aid those affected by the earthquake.
- n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
49. She received her _____ in psychology from the university.
- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
50. 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
51. The _____ handles multiple plot lines and has unpredictable ends.
- n.* a story or a description of a series of events or process of telling a story
52. The severe _____ caused by the drought has left many people without food.
- n.* a severe shortage of food, often caused by drought, war, or economic reasons
53. He _____ the main points of the meeting for those who had not been able to attend.
- v.* to summarize or repeat the main points of something
54. The archaeologist found a hieratic Egyptian _____ on a stone monument.
- n.* a written text of a film, play, broadcast, or speech; something written by hand
55. The _____ produces various hormones that help maintain the pregnancy.
- n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb

ANSWERS: 48. disaster, 49. degree, 50. process, 51. narrative, 52. famine, 53. recapitulated, 54. script, 55. placenta

56. He stood to inherit a million-dollar _____.

n. a thing or things that belong to someone

57. You should work hard but not be a _____ to it.

n. a person who is, either legally or illegally, owned by someone; a person entirely dominated by some influence or a person

58. Our farm experienced a _____ of locusts this year.

n. any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body

59. The recipe calls for four cups of flour _____ one tablespoon.

adj. subtracting or taking away; having a value less than zero

60. Shakespeare's output of poetry was _____.

adj. extremely large or great

61. _____ pattern roads often appear in urban areas.

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

62. Actuators convert _____ pulses into motion.

adj. relating to electricity

63. She _____ the envelope to seal it before mailing it.

v. to pass the tongue over something to moisten, taste, or eat

64. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 56. property, 57. slave, 58. plague, 59. minus, 60. enormous, 61. Grid, 62. electrical, 63. licked, 64. random

65. The _____ villagers struggled to make ends meet with little access to food and clean water.

adj. reduced to poverty or destitution; lacking in resources, means, or vitality; depleted or exhausted

66. 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

67. Better sleep leads to increased _____.

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

68. The plant biology research team identified the specific types of _____ groups present in the plant's DNA.

n. a type of organic compound that is characterized by the presence of a methyl group, which is a single carbon atom attached to three hydrogen atoms, and methyl compounds are commonly used as solvents, fuels, and in the production of a wide range of chemical products

69. The doctor diagnosed him with a rare _____ that had no known cure.

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

70. Their headquarters are in a _____ skyscraper.

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

71. I was amazed at the _____ of her generosity.

n. the point or degree or area to which something extends

ANSWERS: 65. impoverished, 66. develop, 67. metabolism, 68. methyl, 69. disease, 70. modern, 71. extent

72. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
73. I have a _____ for nicotine.
- n.* a strong desire of wanting something
74. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
75. _____ 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
76. My sister-_____ is a pediatrician who works in a children's hospital.
- n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
77. _____ is the science of how living things work.
- n.* the branch of the biological sciences dealing with the functioning of organisms
78. On the geological time scale, _____ has existed for a brief moment.
- n.* the whole of the living human inhabitants of the earth
79. The restaurant _____ a ban on smoking.
- v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 72. norms, 73. craving, 74. nurse, 75. Epigenetic, 76. in-law, 77. Physiology, 78. humankind, 79. reversed

80. He helped me with the _____ of this book.
n. the activity of getting ready for something or making something ready
81. We have become TV _____ due to video streaming services.
n. a person who cannot stop using or doing something as a habit, especially something harmful
82. He performed _____ tricks with sophisticated moves.
n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
83. A network of railways has developed over the _____.
n. the territory occupied by one of the constituent administrative districts of a nation
84. The _____ is a serious threat to the farm's output.
n. an insect with wings similar to a butterfly that travels at night and is attracted to light
85. The _____ mother gave birth to a healthy baby for the couple who couldn't conceive independently.
adj. acting as a substitute or replacement for someone or something else; having a similar function or purpose
86. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.
adj. acting reciprocally; mutually responsive
87. 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

ANSWERS: 80. preparation, 81. addicts, 82. magic, 83. province, 84. moth, 85. surrogate, 86. interactive, 87. cancer

88. To advance this discussion, we must _____ "success" rigorously.
- v. to state or explain precisely the nature, scope, or meaning of something
89. The director gave the actor a ____ to begin the scene.
- n. a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
90. They study the _____ of the universe.
- n. a gradual process of transformation of living things
91. There is no cure for _____ but early intervention and therapy can improve outcomes for individuals with the condition.
- n. a developmental disorder characterized by difficulties in social interaction, verbal and nonverbal communication
92. _____ the text from Italian into English.
- v. to convert or change words into another language
93. Please _____ these files as we start a new project tomorrow.
- v. to change the order or position of things already made; to change the time, date, or place of an event already planned
94. She stayed up all night _____ her favorite TV show.
- n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
95. I'm prepared to _____ challenges throughout this adventure.
- v. to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 88. define, 89. cue, 90. evolution, 91. autism, 92. Translate, 93. rearrange, 94. binge-watching, 95. encounter

96. The _____ algorithm always produces the same result for a given input.

adj. characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations

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

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

98. She vacated the position when she got _____.

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

99. He did it out of _____ to annoy me.

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

100. It is said that our _____ is written in the stars.

n. the events that will inevitably happen to a particular person or thing in the future

101. Cities around the world set records for highest _____ this summer.

n. the degree of hotness or coldness of a thing or place

102. _____ 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

103. This initiative will be a _____ for increasing company sales.

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 96. deterministic, 97. sequence, 98. pregnant, 99. spite, 100. destiny, 101. temperatures, 102. Biochemical, 103. lever

104. How many _____ does the average lion have?

n. descendant; any immature animal or plant

105. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

106. Following international law, our country does not _____ in the internal affairs of our neighbors.

v. to intentionally get involved in a situation to improve it or prevent it from getting worse

107. One such rapidly growing _____ is quantum cryptography.

n. an idea or principle associated with something abstract

108. What do you _____ the culprit's motive was?

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

109. Hydrogen and oxygen _____ to form water.

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

110. 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

111. The _____ of waterfalls in the national park was a breathtaking sight.

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

112. The organization offered resources to help people _____ from addiction.

v. to release someone from a restrictive or controlling ideology, belief system, or cult; to disabuse or undo the effects of indoctrination or brainwashing

ANSWERS: 104. offspring, 105. crazy, 106. intervene, 107. concept, 108. suppose, 109. combine, 110. embryo, 111. cascade, 112. deprogram

113. The presence of certain substances triggered the _____ response.
adj. relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
114. There is a clear association between _____ consumption and cognitive decline.
n. a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.
115. The fertilized egg implanted itself in the _____.
n. the organ of a woman or female mammal in which a baby develops before birth
116. He is a specialist in the _____ of aging.
n. the branch of biology that studies genes, genetic variation, and heredity in organisms
117. You must _____ your anxiety about driving.
v. to bring under control by force or authority
118. He was promoted to the _____ of captain in the military.
n. a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
119. 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
120. She has taken a step up in the organizational _____.
n. a system in which people or things are organized into different levels of importance from highest to lowest

ANSWERS: 113. autoimmune, 114. alcohol, 115. womb, 116. genetics, 117. conquer, 118. rank, 119. component, 120. hierarchy

121. _____ a society is an organism.
adv. relating to the essential features or concepts of anything
122. After the accident, three governmental bodies _____ the company.
v. to oversee and control the operation or arrangement of something
123. The trapped bear is running amok in its _____.
n. a structure made of metal bars or wire in which birds or animals can be kept
124. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
125. The prevalence of _____ has increased significantly in recent years.
n. the condition of being significantly overweight, typically defined as having a body mass index (BMI) of 30 or greater.
126. The building makes a remarkable _____ impact.
adj. relating to seeing or sight
127. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
128. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
129. The prime minister faced _____ criticism.
adj. severe and unkind; extremely tough and unpleasant to inhabit

ANSWERS: 121. Essentially, 122. administer, 123. cage, 124. chemical, 125. obesity, 126. visual, 127. tremendous, 128. environment, 129. harsh

ANSWERS: