

# Englist.me



## Vocabulary Builder Reference from...

Jennifer Doudna: How CRISPR lets us edit our DNA | TED Talk

[https://www.ted.com/talks/jennifer\\_doudna\\_how\\_crispr\\_lets\\_us\\_edit\\_our\\_dna](https://www.ted.com/talks/jennifer_doudna_how_crispr_lets_us_edit_our_dna)

### All Words

#### IMPORTANT

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## Session 1: Word List

### 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**.

### invention

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym*: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

### edit

*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

*synonym*: revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video

I need to **edit** this document before submitting it to my boss.

### 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.

## genetic

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

*synonym*: hereditary, genetical, inborn

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

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

## 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.

## aim

*v.* to try or plan to get or achieve something

*synonym*: aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

## discovery

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

*synonym*: finding, uncovering, detection

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

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

## bacteria

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

*synonym*: microorganism, microbe

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

**Bacteria** prevalent in hospitals are often resistant to

antibiotics.

## viral

*adj.* relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

## infection

*n.* a condition in which pathogenic microorganisms or viruses have entered the body

*synonym*: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

## virus

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

*synonym*: bacterium, germ, ailment

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

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

## 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**.

## tick

*n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

*synonym*: sound, noise, beat

(1) **tick** of the clock, (2) **tick** fever

I always put a **tick** mark next to the items on my grocery list after buying them.

## bomb

*n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

*synonym*: missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

## defuse

*v.* to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved

*synonym*: calm, reduce, deactivate

(1) **defuse** a crisis, (2) **defuse** a bomb

The negotiator skillfully **defused** the tense situation with calm words and gestures.

## destroy

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

*synonym*: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

## 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.

## immune

*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

*synonym*: resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

## detect

*v.* to find or recognize something, especially something difficult to see, hear, etc.

*synonym*: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## eventually

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

*synonym*: finally, someday, ultimately

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

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

## degrade

*v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

*synonym*: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

## specific

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

*synonym*: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## **harness**

- v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

*synonym* : rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

## **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**.

## **engineer**

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

*synonym* : architect, creator, builder

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

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

## **delete**

- v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

*synonym* : erase, wipe out, remove

(1) **delete** a file, (2) **delete** this modification

Highlight the sentences that you want to **delete**.

## **insert**

- v.* to put something inside something else

*synonym* : introduce, add, embed

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

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

## incredible

*adj.* unbelievable; enormous

*synonym* : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

## precision

*n.* the quality or condition of being exact and accurate

*synonym* : accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym* : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## 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.

## integrate

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

*synonym* : mix, merge, combine

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

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

## infect

*v.* to affect a person, an animal, or a plant with a disease-causing organism

*synonym* : pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## ethics

*n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

*synonym*: morals, principles, moralities

(1) political **ethics**, (2) **ethics** of journalism

This scripture provides the code of **ethics** for the religion.

## employ

*v.* to give somebody a job and pay them for it; to make use of

*synonym*: hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method

When making arrests, police officers frequently **employ** excessive force.

## conversation

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

*synonym*: chat, discussion, dialogue

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

Your **conversation** reflects your thoughts.

## societal

*adj.* relating to society or social relationships

*synonym*: social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The **societal** pressure to conform is strong in this community.

## implication

*n.* something that is inferred or indirectly stated; the act or fact of being involved in something

*synonym*: suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

## prudent

*adj.* acting with or showing care and thought for the future; exercising good judgment and common sense; sensible or wise in making decisions

*synonym*: cautious, wise, sensible



(1) **prudent** decision, (2) **prudent** investment

The company decided to take a more **prudent** approach to its expansion plans this year.

## inject

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

*synonym*: shoot, infiltrate, insinuate

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

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

## pluck

*v.* to pull or draw something, especially with sudden force or effort; to strip of feathers

*synonym*: grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds

She **plucked** the flowers off the bush.

## chromosome

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

*synonym*: DNA

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

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

## cluster

*n.* a group of similar things or people close together, often forming a distinct mass or unit

*synonym*: group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

## regularly

*adv.* at regular intervals or times

*synonym*: repeatedly, routinely, usually

(1) **regularly** arranged, (2) post **regularly** to a blog

This site **regularly** shares high-quality academic materials.

## interspace

*n.* the space between objects or parts, especially between two closely positioned objects; an interval or gap between two things

*synonym* : gap, interval, space

(1) **interspace** for natural light, (2) **interspace** between teeth

The surgeon made an incision in the **interspace** between two ribs to access the patient's lungs.

## palindrome

*n.* a word, phrase, or sequence of characters that reads the same backward as forward, such as "racecar" or "level"; (of medicine and genetics) a sequence of DNA or RNA that is the same when read from 5' (five prime, denoting ends of DNA or RNA) to 3' on one strand and from 5' to 3' on the complementary strand

*synonym* : word palindrome, reversible, mirror-image word

(1) **palindrome** phrase, (2) **palindrome** number

The word "deified" is an example of a **palindrome**, where it reads the same backward as it does forward.

## acronym

*n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)

*synonym* : abbreviation, initialism, shortcut

(1) **acronym** definition, (2) use an **acronym**

RADAR is an **acronym** for radio detection and ranging.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym* : means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## exposed

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

*synonym* : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

## progeny

*n.* the descendants or offspring of a person, animal, or plant

*synonym* : offspring, children, descendants

(1) **progeny** viral DNA, (2) **progeny** of plants

The royal family has much **progeny** scattered across the globe.

## locus

*n.* a central or focal point; a place where something happens or is centered around

*synonym* : location, place, site

(1) **locus** of control, (2) genetic **locus**

The **locus** of the problem was found to be in the software code, which needed to be fixed before launch.

## vaccinate

*v.* to treat with a vaccine, usually by injection, to produce immunity against a disease

*synonym* : immunize, inject, inoculate

(1) **vaccinate** against scarlet fever, (2) **vaccinate** every year

The nurse **vaccinated** the children in the school.

## molecule

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

*synonym* : particle, element, atom

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

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

## 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.

## 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.

## interaction

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

*synonym*: dealings, exchange, relations

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

(2) **interaction** among human beings

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

## 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.

## associate

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

*synonym*: tie in, link, consociate

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

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

## bind

*v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

*synonym*: tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle

The company's rules **bind** the employee's working hours.

## complexity

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

*synonym*: intricacy, sophistication, elaboration

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

The project's **complexity** made it difficult for the team to complete it on time.

## sentinel

*n.* a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security

*synonym*: guard, watchman, lookout

(1) **sentinel** duty, (2) **sentinel** lymph node

The security camera acted as a **sentinel**, monitoring the area for suspicious activity.

## bound

*v.* to move forward by leaps and bounds; to form the boundary of something

*synonym*: jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

## cleave

*v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively

*synonym*: split, sever, cleave

(1) **cleave** meat, (2) **cleave** the party

He swung the axe with all his might to **cleave** the wood in half.

## precise

*adj.* sharply exact or accurate or delimited

*synonym*: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

## stranded

*adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed

*synonym*: marooned, stuck, abandoned

(1) **stranded** travelers, (2) financially **stranded**

After their car broke down, the family was **stranded** on the side of the highway for hours.

## helix

*n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

*synonym* : coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

## recognize

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

*synonym* : acknowledge, identify, admit

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

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

## introduction

*n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

*synonym* : initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

## analogous

*adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way

*synonym* : similar, comparable, equivalent

(1) **analogous** fashion, (2) entirely **analogous**

The human heart is **analogous** to a pump in a plumbing system.

## 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.

## typo

*n.* a mistake made in typing or the reproduction of a text  
*synonym*: error, mistake, misprint

(1) full of **typos**, (2) **typo-free** resume

I noticed a **typo** in the company's annual report, stating the wrong profit margin.

## envision

*v.* to imagine or expect what a situation will be like in the future

*synonym*: anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

## trigger

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

*synonym*: activate, spark, drive

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

The incident **triggered** a political controversy.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym*: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

## incorporation

*n.* the process of including or integrating something into a larger entity, such as a business or organization; the act of forming a corporation or company that is legally recognized as a separate entity, distinct from its owners

*synonym*: integration, consolidation, combination

(1) the process of **incorporation**, (2) **incorporation** of a

new company

The **incorporation** of new technology has dramatically improved our efficiency.

## mutation

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

*synonym*: metamorphosis, transformation, alteration

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

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

## cyst

*n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

*synonym*: abscess, sac, lump

(1) **cyst** removal, (2) ovarian **cyst**

The patient was sent for an X-ray to determine the cause of the **cyst** in her abdomen.

## fibrosis

*n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure

*synonym*: scarring, hardening, fibrotic disease

(1) **fibrosis** diagnosis, (2) pulmonary **fibrosis**

The doctor diagnosed him with cardiac **fibrosis**, which put him at risk for heart failure.

## 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.

## manipulate

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

*synonym*: control, exploit, abuse

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

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

## inefficient

*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.

*synonym*: ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

## adopt

*v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own

*synonym*: accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

## laboratory

*n.* a workplace for doing scientific research or teaching science; a lab

*synonym*: lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

## clinical

*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

*synonym*: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

## utilize

*v.* to use something for a practical purpose in an effective way

*synonym* : employ, use, operate

(1) **utilize** a different approach, (2) **utilize** a catheter

The cook **utilized** the leftover oxtail to make soup.

## appeal

*n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest

*synonym* : request, charm, attraction

(1) draw out your **appeal**, (2) an **appeal** for help

He needed to resolve the problem as soon as possible, so he made an **appeal** directly.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym* : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## simplicity

*n.* the quality or condition of being natural and plain or easy to understand or do

*synonym* : easiness, plainness, modesty

(1) a life of **simplicity**, (2) refined **simplicity**

He liked the car because of the **simplicity** of the design.

## rewire

*v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

*synonym* : rewire, renovate, upgrade

(1) **rewire** a house, (2) **rewire** a program

I need to **rewire** the faulty electrical system in my house to prevent a fire.

## software

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

*synonym* : program, system, operating system

(1) **software** architect, (2) copyrighted **software**  
The company specializes in both hardware and **software**.

## induce

v. to persuade someone to do something; to cause to act in a specific manner

*synonym*: cause, encourage, persuade

(1) **induce** a crisis, (2) **induce** him to see a doctor

The lack of sleep **induces** both physical and psychological diseases.

## thereby

*adv.* as a result; consequence of a particular action or set of conditions

*synonym*: thus, hence, as a result

(1) **thereby-obtained** data, (2) **thereby** improving overall health

The new software will streamline the workflow, **thereby** increasing productivity.

## achieve

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

*synonym*: accomplish, attain, reach

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

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

## astound

v. to surprise or shock someone with wonder very much

*synonym*: amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

## sickle

n. a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death

*synonym*: scythe, crescent, cutter

(1) **sickle-shaped** moon, (2) harvest **sickle**

The blade of the **sickle** glinted in the sunlight as he swung it

back and forth.

## **anemia**

*n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something

*synonym* : bloodlessness, pallor, weakness

(1) **anemia** symptoms, (2) **anemia** disease

The doctor diagnosed the patient with **anemia** due to a lack of iron in their blood.

## **solid**

*adj.* hard or firm; characterized by good substantial quality

*synonym* : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

## **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.

## **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.

## **litter**

*n.* discarded or waste material, such as paper, packaging, or other debris, scattered in a careless or disorderly manner; a group of young animals born to an animal at one time; (verb) leave or scatter rubbish or trash in public or open places, rather than disposing of it properly

*synonym* : trash, debris, rubbish

(1) **litter** on the street, (2) pick up **litter**

The **litter** box needs to be cleaned regularly to maintain a healthy and odor-free environment for the cat.

## 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**.

## addition

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

*synonym* : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

## 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.

## off-target

*adj.* referring to something that misses the intended goal or objective; not reaching or affecting the intended target, often used to describe a weapon, technology, or medical treatment

*synonym* : off-center, wide, astray

(1) **off-target** effects, (2) **off-target** inhibition

The joke fell **off-target** and didn't get any laughs from the audience.

## unintended

*adj.* not planned or meant

*synonym* : accidental, unconsenting, involuntary

(1) **unintended** bias, (2) **unintended** misunderstanding

Excessive human interference in the global environment may

bring **unintended** consequences.

## approve

*v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

*synonym*: accept, authorize, agree

(1) **approve** a measures, (2) unanimously **approve** a resolution

My boss wouldn't **approve** of the plan.

## therapy

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

*synonym*: antidote, medicine, treatment

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

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

## exciting

*adj.* causing a lot of interest or excitement

*synonym*: exhilarating, stimulating, thrilling

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

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

## excitement

*n.* a feeling of great enthusiasm and eagerness

*synonym*: thrill, exhilaration, incitement

(1) the **excitement** in the business world, (2) aesthetic **excitement**

The **excitement** of the upcoming concert was palpable among the crowd.

## start-up

*n.* a newly established company or business

(1) **start-up** business, (2) early-stage **start-up**

Our company's services are targeted at **start-up** executives.

## commercialize

*v.* to make something available for sale or use on a large scale

*synonym*: monetize, capitalize, marketize

(1) **commercialize** my patents, (2) **commercialize** idea  
The company is trying to **commercialize** its new product.

## venture

*n.* a business project or activity that is risky or daring  
*synonym*: enterprise, undertaking, adventure

(1) **venture** capital, (2) a joint **venture**  
The **venture** into the new market was risky, but it paid off.

## capitalism

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

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

**Capitalism** also guarantees intellectual property rights and thus promotes innovation.

## invest

*v.* to put money, effort, time, etc. into something to make a profit or achieve a result  
*synonym*: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

## enhancement

*n.* the act of improving or making something better  
*synonym*: improvement, boost, upgrading

(1) cosmetic **enhancements**, (2) genetic **enhancements**

The software update included several **enhancements** to the user interface.

## enhance

*v.* to increase or improve the quality, amount, or strength of someone or something  
*synonym*: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

## susceptibility

*n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something

*synonym*: vulnerability, proneness, openness

(1) **susceptibility** to peer pressure, (2) chemical **susceptibility**

Certain individuals have a higher **susceptibility** to certain diseases due to genetic factors.

## 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.

## desirable

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

*synonym*: appealing, attractive, advisable

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

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

## trait

*n.* a particular feature of your nature

*synonym*: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

## pause

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

*synonym*: halt, break, intermit

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

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

## precedent

*n.* a previous event or action that serves as an example or rule to authorize or justify similar events or actions in the future



*synonym* : example, model, pattern

(1) break with **precedent**, (2) a bad **precedent**

The court used previous **precedents** to make its decision.

## **moratorium**

*n.* a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision

*synonym* : suspension, pause, halt

(1) a temporary **moratorium** on evictions, (2) impose **moratorium**

The council has decided to impose a **moratorium** on building new houses in the area.

## **molecular**

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

*synonym* : microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

**Molecular** weight is the sum of all the atoms.

## **clone**

*n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

*synonym* : duplicate, imitation, reproduction

(1) **clone** embryo, (2) recombinant **clone**

He is like an exact **clone** of his brother.

## **valid**

*adj.* having a reasonable basis in logic or fact; still legally or officially acceptable

*synonym* : proper, reasonable, useful

(1) a **valid** contract, (2) a ticket **valid** for two days

Your credit card is no longer **valid**.

## **fiction**

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

*synonym* : fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller  
Truth is stranger than **fiction**.

## consequence

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

*synonym*: result, impact, outcome

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

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

## intent

*n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

*synonym*: purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

## breakthrough

*n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

*synonym*: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

## attitude

*n.* the way you think and feel about someone or something

*synonym*: mindset, perspective, philosophy

(1) **attitude** toward mistakes, (2) **attitude** control

She had the **attitude** that work was fun.

## quarantine

*n.* a state of isolation imposed on people or animals to prevent the spread of disease

*synonym*: isolation, confinement, restriction

(1) out of **quarantine**, (2) mandatory **quarantine**

Due to the outbreak, the government imposed a two-week **quarantine** for all travelers.

## incredibly

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

*synonym*: enormously, exceptionally, extraordinarily

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

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

## therapeutic

*adj.* relating to or involved in the treatment of illness or injury

*synonym*: healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration

Yoga is known to have **therapeutic** benefits for the mind and body.

## traction

*n.* the action or ability to pull something along a surface without sliding

*synonym*: pulling, friction, suction

(1) increase **traction** on ice, (2) electronic **traction**

His leg was in **traction** for weeks after the accident.

## economical

*adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

*synonym*: frugal, thrifty, parsimonious

(1) **economical** use of her time, (2) an **economical** meal

It is more **economical** to wash your plastic bottle and reuse it.

## reaction

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

*synonym*: response, reply, answer

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

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

## delight

*n.* a feeling of great pleasure or happiness

*synonym*: pleasure, joy, satisfaction

(1) a tremor of **delight**, (2) with **delight**

The **delight** on the child's faces when they received the toy was priceless.

## discuss

*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

*synonym*: talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

## viewpoint

*n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty

*synonym*: outlook, stance, perspective

(1) a scientific **viewpoint**, (2) aesthetic **viewpoint**

We looked at this issue from a different **viewpoint**.

## topic

*n.* a subject that is being discussed or written about

*synonym*: subject, theme, issue

(1) a serious **topic**, (2) the **topic** of the book

The **topic** of the discussion was the current state of the economy.

## nation

*n.* a large organized community of people living in a particular country or region and having a particular culture

*synonym*: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and

advanced technology.

## academy

*n.* a school for special training; a type of official organization that aims to encourage and develop standards in its particular field

*synonym*: school, institute, college

(1) an **academy** of music, (2) a member of the **Academy**  
Her new documentary earned her an **Academy** Award.

## practically

*adv.* almost or nearly

*synonym*: almost, nearly, virtually

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

The store is **practically** empty.

## individual

*n.* a single person or thing, as distinct from a group

*synonym*: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## stakeholder

*n.* a person or group that has an interest or concern in something, especially a business

*synonym*: shareholder, interested party

(1) **stakeholder** engagement, (2) improve **stakeholder** relations

The organization held **stakeholder** consultations to gather input on the project.

## consensus

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

*synonym*: agreement, accord, harmony

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

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

## church

*n.* a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

*synonym* : chapel, cathedral, synagogue

(1) **church** bell, (2) small **church**

The **church** on the corner is hosting a free community meal tonight.

## lab

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

*synonym* : workshop, laboratory, research chamber

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

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

## split

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

*synonym* : break, divide, break apart

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

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

## communal

*adj.* belonging to or used by a group rather than individuals; for common use

*synonym* : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

**Communal** elections were held in several European countries.

## regulate

*v.* to control something, especially by means of rules or laws

*synonym* : control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct

We must manage to **regulate** our expenditure.

## complication

*n.* something that makes a situation or condition that is complex or confused

*synonym*: confusion, complexity, difficulty

(1) **complication** of structure, (2) resolve without **complication**

He also continued to struggle with serious long-term **complications**.

## exponential

*adj.* becoming more and more rapid; of or involving mathematical exponents

(1) **exponential** growth, (2) **exponential** function

Since the 1990s, the Internet has continued to experience **exponential** growth.

## intelligence

*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

*synonym*: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

## autonomous

*adj.* capable of governing or controlling its affairs

*synonym*: independent, self-governing, self-reliant

(1) development of **autonomous** vehicles, (2) an **autonomous** judiciary

Five of the six provinces will become **autonomous** regions under the new federal system of government.

## warfare

*n.* the use of military force to achieve political, economic, or social objectives

*synonym*: combat, fighting, conflict

(1) **warfare** aircraft, (2) spiritual **warfare**

The country has been engaged in a prolonged conflict, with both sides using modern **warfare** tactics.

## launch

*v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

*synonym*: start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack  
The company is set to **launch** its new product line next month.

## blueprint

*n.* a photographic print of an early plan for a building or machine

*synonym*: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**  
A business plan is a **blueprint** for your success.

## uncomfortable

*adj.* providing or feeling physical discomfort or slight pain

*synonym*: comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face  
His abusive words made me **uncomfortable**.

## involve

*v.* to include or affect someone or something as a necessary part of something else

*synonym*: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk  
The investigation **involves** several government agencies and is expected to take several months.

## genesis

*n.* the origin or beginning of something; the first book of the biblical scriptures of both Judaism and Christianity, describing the creation of the Earth and humankind

*synonym*: beginning, creation, provenance

(1) the **genesis** of civilization, (2) in the Book of **Genesis**  
The politician's remarks became the **genesis** of the clash between the two countries.



## 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.

## Session 2: Spelling

- |                               |   |
|-------------------------------|---|
| 1. alpha he__x                | <i>n.</i> a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule   |
| 2. pl__k a gray hair          | <i>v.</i> to pull or draw something, especially with sudden force or effort; to strip of feathers   |
| 3. a scientific di_____ry     | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known   |
| 4. an aut_____us judiciary    | <i>adj.</i> capable of governing or controlling its affairs   |
| 5. a facial ti___e            | <i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function   |
| 6. eco_____al use of her time | <i>adj.</i> providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary  |
| 7. common in_____on           | <i>n.</i> the creation of a new device or process resulting from study and experimentation; the act of inventing  |
| 8. th_____y-obtained data     | <i>adv.</i> as a result; consequence of a particular action or set of conditions  |
| 9. an___a disease             | <i>n.</i> a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something |

ANSWERS: 1. helix, 2. pluck, 3. discovery, 4. autonomous, 5. tissue, 6. economical, 7. invention, 8. thereby, 9. anemia

10. increase tr\_\_\_\_\_on on ice *n.* the action or ability to pull something along a surface without sliding
11. an ex\_\_\_\_\_d rock *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
12. ine\_\_\_\_\_nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
13. com\_\_\_\_\_ion of structure *n.* something that makes a situation or condition that is complex or confused
14. pra\_\_\_\_\_ly impossible to find a parking spot *adv.* almost or nearly
15. bl\_\_\_\_\_nt for economic reform *n.* a photographic print of an early plan for a building or machine
16. the process of inc\_\_\_\_\_ion *n.* the process of including or integrating something into a larger entity, such as a business or organization; the act of forming a corporation or company that is legally recognized as a separate entity, distinct from its owners
17. man\_\_\_\_\_te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
18. la\_\_\_\_h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
19. va\_\_\_\_\_te against scarlet fever *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease

ANSWERS: 10. traction, 11. exposed, 12. inefficient, 13. complication, 14. practically, 15. blueprint, 16. incorporation, 17. manipulate, 18. launch, 19. vaccinate

20. se\_\_\_\_el lymph node *n.* a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security
21. t\_\_o-free resume *n.* a mistake made in typing or the reproduction of a text
22. co\_\_\_\_n's family *n.* the child of your aunt or uncle
23. ex\_\_\_\_d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
24. di\_\_\_\_s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
25. exp\_\_\_\_al growth *adj.* becoming more and more rapid; of or involving mathematical exponents
26. the\_\_\_\_ic administration *adj.* relating to or involved in the treatment of illness or injury
27. re\_\_\_\_ly arranged *adv.* at regular intervals or times
28. an\_\_\_\_us fashion *adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
29. sp\_\_t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
30. at\_\_\_\_de control *n.* the way you think and feel about someone or something
31. small mo\_\_\_\_les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds

ANSWERS: 20. sentinel, 21. typo, 22. cousin, 23. exposed, 24. discuss, 25. exponential, 26. therapeutic, 27. regularly, 28. analogous, 29. split, 30. attitude, 31. molecule

32. copyrighted so\_\_\_\_\_re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
33. so\_\_\_\_\_al expectations *adj.* relating to society or social relationships
34. re\_\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
35. in\_\_\_\_t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
36. impose mor\_\_\_\_\_um *n.* a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision
37. in\_\_\_\_t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
38. genetic enh\_\_\_\_\_nts *n.* the act of improving or making something better
39. hereditary mu\_\_\_\_\_on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
40. re\_\_\_\_\_ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
41. li\_\_\_\_r on the street *n.* discarded or waste material, such as paper, packaging, or other debris, scattered in a careless or disorderly manner; a group of young animals born to an animal at one time; (verb) leave or scatter rubbish or trash in public or open places, rather than disposing of it properly

ANSWERS: 32. software, 33. societal, 34. relative, 35. infect, 36. moratorium, 37. inject, 38. enhancement, 39. mutation, 40. recognize, 41. litter

42. pal\_\_\_\_\_me number *n.* a word, phrase, or sequence of characters that reads the same backward as forward, such as "racecar" or "level"; (of medicine and genetics) a sequence of DNA or RNA that is the same when read from 5' (five prime, denoting ends of DNA or RNA) to 3' on one strand and from 5' to 3' on the complementary strand
43. under the umbrella of cap\_\_\_\_\_sm *n.* an economic system based on the private ownership of the means of production and their operation for profit
44. an ap\_\_\_\_l for help *n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest
45. ap\_\_\_\_\_e a measures *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
46. refined sim\_\_\_\_\_ty *n.* the quality or condition of being natural and plain or easy to understand or do
47. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
48. an ac\_\_\_\_\_y of music *n.* a school for special training; a type of official organization that aims to encourage and develop standards in its particular field
49. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 42. palindrome, 43. capitalism, 44. appeal, 45. approve, 46. simplicity, 47. opportune, 48. academy, 49. experiment

50. in\_\_\_\_\_e a high degree of risk      *v.* to include or affect someone or something as a necessary part of something else
51. lab\_\_\_\_\_ry accident      *n.* a workplace for doing scientific research or teaching science; a lab
52. de\_\_\_\_\_e his public image      *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
53. an int\_\_\_\_\_nce test      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
54. development of aut\_\_\_\_\_us vehicles      *adj.* capable of governing or controlling its affairs
55. b\_\_d the man's hands      *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
56. pr\_\_\_\_\_y viral DNA      *n.* the descendants or offspring of a person, animal, or plant
57. non-fi\_\_\_\_\_n bestseller      *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
58. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
59. break with pr\_\_\_\_\_nt      *n.* a previous event or action that serves as an example or rule to authorize or justify similar events or actions in the future

ANSWERS: 50. involve, 51. laboratory, 52. degrade, 53. intelligence, 54. autonomous, 55. bind, 56. progeny, 57. fiction, 58. engineer, 59. precedent

60. de\_\_\_\_yed evidence      *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
61. a seafaring na\_\_\_\_n      *n.* a large organized community of people living in a particular country or region and having a particular culture
62. chaotic env\_\_\_\_nt      *n.* the natural world such as air, water, and land in which humans, animals, and plants live
63. put a ha\_\_\_\_s on my pet      *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
64. tr\_\_\_\_r inflation      *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
65. a bacterial in\_\_\_\_on      *n.* a condition in which pathogenic microorganisms or viruses have entered the body
66. the in\_\_\_\_t of a question      *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
67. evolutionary bi\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
68. fight vi\_\_l infections      *adj.* relating to or caused by a virus
69. in\_\_\_\_e a crisis      *v.* to persuade someone to do something; to cause to act in a specific manner

ANSWERS: 60. destroy, 61. nation, 62. environment, 63. harness, 64. trigger, 65. infection, 66. intent, 67. biology, 68. viral, 69. induce



70. inc\_\_\_\_\_ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
71. st\_\_\_\_\_ed travelers *adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed
72. the se\_\_\_\_\_ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
73. the great di\_\_\_\_\_ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
74. im\_\_\_\_\_e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
75. a private ind\_\_\_\_\_al *n.* a single person or thing, as distinct from a group
76. the me\_\_\_\_\_sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
77. unintended con\_\_\_\_\_ces *n.* the outcome of a particular action or event, especially relative to an individual
78. car\_\_\_\_\_lar diseases *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
79. in\_\_\_\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism

ANSWERS: 70. incredibly, 71. stranded, 72. sequence, 73. discovery, 74. immune, 75. individual, 76. mechanism, 77. consequence, 78. cardiovascular, 79. infect

80. int\_\_\_\_\_ce between teeth *n.* the space between objects or parts, especially between two closely positioned objects; an interval or gap between two things
81. t\_\_k of the clock *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
82. political et\_\_\_\_s *n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
83. a cl\_\_\_\_\_r of stars *n.* a group of similar things or people close together, often forming a distinct mass or unit
84. estimate pr\_\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
85. si\_\_\_e-shaped moon *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
86. sta\_\_\_\_\_er engagement *n.* a person or group that has an interest or concern in something, especially a business
87. bo\_\_d up a staircase *v.* to move forward by leaps and bounds; to form the boundary of something
88. de\_\_\_t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 80. interspace, 81. tick, 82. ethics, 83. cluster, 84. precise, 85. sickle, 86. stakeholder, 87. bound, 88. detect

89. aesthetic vi\_\_\_\_\_nt *n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty
90. live in a cl\_\_\_\_\_r *n.* a group of similar things or people close together, often forming a distinct mass or unit
91. treat the in\_\_\_\_\_on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
92. bre\_\_\_\_\_ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
93. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business
94. mo\_\_\_\_\_ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
95. car\_\_\_\_\_lar tissue *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
96. 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: 89. viewpoint, 90. cluster, 91. infection, 92. breakthrough, 93. colleague, 94. molecular, 95. cardiovascular, 96. function

97. e\_\_t a video *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
98. en\_\_\_\_\_e value *v.* to increase or improve the quality, amount, or strength of someone or something
99. harmless ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
100. a ch\_\_\_\_\_al compound *adj.* relating to or connected with chemistry;
101. the imp\_\_\_\_\_on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
102. pulmonary fi\_\_\_\_\_is *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
103. improve sta\_\_\_\_\_er relations *n.* a person or group that has an interest or concern in something, especially a business
104. th\_\_\_\_\_y for a patient *n.* the act of caring for someone through medication, remedial training, etc.

ANSWERS: 97. edit, 98. enhance, 99. bacteria, 100. chemical, 101. implication, 102. fibrosis, 103. stakeholder, 104. therapy

105. en\_\_\_\_\_ on the project's success      *v.* to imagine or expect what a situation will be like in the future
106. chemical ad\_\_\_\_\_ on      *n.* the act or process of adding something to something else; the process of adding numbers
107. a member of the Ac\_\_\_\_\_y      *n.* a school for special training; a type of official organization that aims to encourage and develop standards in its particular field
108. collaborate with co\_\_\_\_\_ues      *n.* one of a group of a coworker, especially in a profession or a business
109. c\_\_t removal      *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
110. the\_\_\_\_\_ic massage      *adj.* relating to or involved in the treatment of illness or injury
111. b\_\_d old letters into a bundle      *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
112. res\_\_\_\_\_le for a customer service      *adj.* answerable or accountable for something within one's power, control, or management
113. spiritual wa\_\_\_\_\_e      *n.* the use of military force to achieve political, economic, or social objectives
114. the int\_\_\_\_\_on between man and his environment      *n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 105. envision, 106. addition, 107. academy, 108. colleague, 109. cyst, 110. therapeutic, 111. bind, 112. responsible, 113. warfare, 114. interaction

115. na\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
116. pick up li\_\_\_r *n.* discarded or waste material, such as paper, packaging, or other debris, scattered in a careless or disorderly manner; a group of young animals born to an animal at one time; (verb) leave or scatter rubbish or trash in public or open places, rather than disposing of it properly
117. a\_m at a specific target *v.* to try or plan to get or achieve something
118. la\_\_\_h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
119. pra\_\_\_\_\_ly constant *adv.* almost or nearly
120. 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
121. draw out your ap\_\_\_l *n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest
122. pl\_\_k out weeds *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers

ANSWERS: 115. nation, 116. litter, 117. aim, 118. launch, 119. practically, 120. embryo, 121. appeal, 122. pluck

123. self-int\_\_\_\_\_ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
124. a\_m to be a nurse *v.* to try or plan to get or achieve something
125. field of artificial int\_\_\_\_\_nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
126. a va\_\_d contract *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
127. in\_\_\_e him to see a doctor *v.* to persuade someone to do something; to cause to act in a specific manner
128. in\_\_\_t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
129. as\_\_\_\_\_te with people widely *v.* to mentally connect someone or something with someone or something else
130. a bad pr\_\_\_\_\_nt *n.* a previous event or action that serves as an example or rule to authorize or justify similar events or actions in the future
131. full of t\_\_os *n.* a mistake made in typing or the reproduction of a text
132. small ch\_\_\_h *n.* a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination

ANSWERS: 123. introduction, 124. aim, 125. intelligence, 126. valid, 127. induce, 128. invest, 129. associate, 130. precedent, 131. typo, 132. church

133. re\_\_\_\_\_ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
134. de\_\_\_\_\_y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
135. int\_\_\_\_\_ce for natural light *n.* the space between objects or parts, especially between two closely positioned objects; an interval or gap between two things
136. sp\_\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
137. th\_\_\_\_\_y improving overall health *adv.* as a result; consequence of a particular action or set of conditions
138. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
139. electronic tr\_\_\_\_\_on *n.* the action or ability to pull something along a surface without sliding
140. 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
141. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 133. recognize, 134. destroy, 135. interspace, 136. specific, 137. thereby, 138. experiment, 139. traction, 140. process, 141. specific



142. genetic lo\_\_s *n.* a central or focal point; a place where something happens or is centered around
143. a temporary mor\_\_\_\_\_um on evictions *n.* a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision
144. 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
145. an eco\_\_\_\_\_al meal *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
146. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
147. de\_\_\_e this modification *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
148. a life of sim\_\_\_\_\_ty *n.* the quality or condition of being natural and plain or easy to understand or do
149. personality tr\_\_ts *n.* a particular feature of your nature
150. the con\_\_\_\_\_ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
151. in\_\_\_t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

ANSWERS: 142. locus, 143. moratorium, 144. develop, 145. economical, 146. individual, 147. delete, 148. simplicity, 149. trait, 150. consequence, 151. intent

152. ha\_\_\_\_s a horse to a carriage      *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
153. cross-co\_\_\_\_n marriage      *n.* the child of your aunt or uncle
154. cl\_\_\_\_e the party      *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
155. pr\_\_\_\_y of plants      *n.* the descendants or offspring of a person, animal, or plant
156. out of qua\_\_\_\_ne      *n.* a state of isolation imposed on people or animals to prevent the spread of disease
157. se\_\_\_\_el duty      *n.* a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security
158. op\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
159. mu\_\_\_\_on of DNA      *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
160. en\_\_\_\_on the future      *v.* to imagine or expect what a situation will be like in the future
161. mandatory qua\_\_\_\_ne      *n.* a state of isolation imposed on people or animals to prevent the spread of disease

ANSWERS: 152. harness, 153. cousin, 154. cleave, 155. progeny, 156. quarantine, 157. sentinel, 158. opportune, 159. mutation, 160. envision, 161. quarantine

162. va\_\_\_\_\_te every year      *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
163. a public co\_\_\_\_\_us      *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
164. de\_\_\_\_t a bad event      *v.* to find or recognize something, especially something difficult to see, hear, etc.
165. a ticket va\_\_d for two days      *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
166. 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
167. a pr\_\_\_\_\_on instrument      *n.* the quality or condition of being exact and accurate
168. stress pr\_\_\_\_\_n      *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
169. chemical sus\_\_\_\_\_ity      *n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something
170. bre\_\_\_\_\_ugh in the negotiations      *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 162. vaccinate, 163. consensus, 164. detect, 165. valid, 166. disease, 167. precision, 168. protein, 169. susceptibility, 170. breakthrough

171. fi\_\_\_\_is diagnosis *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
172. pr\_\_\_\_t decision *adj.* acting with or showing care and thought for the future; exercising good judgment and common sense; sensible or wise in making decisions
173. recombinant cl\_\_e *n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
174. an unc\_\_\_\_\_ble silence *adj.* providing or feeling physical discomfort or slight pain
175. tr\_\_\_\_r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
176. di\_\_\_\_s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
177. ovarian c\_\_t *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

ANSWERS: 171. fibrosis, 172. prudent, 173. clone, 174. uncomfortable, 175. trigger, 176. discuss, 177. cyst

178. uni\_\_\_\_\_ed bias *adj.* not planned or meant
179. speak with pr\_\_\_\_\_on *n.* the quality or condition of being exact and accurate
180. in\_\_\_t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
181. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
182. en\_\_\_\_\_e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something
183. the ge\_\_\_\_\_s of civilization *n.* the origin or beginning of something; the first book of the biblical scriptures of both Judaism and Christianity, describing the creation of the Earth and humankind
184. de\_\_\_\_\_e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
185. with de\_\_\_\_\_t *n.* a feeling of great pleasure or happiness
186. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
187. int\_\_\_\_\_ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 178. unintended, 179. precision, 180. inject, 181. relative, 182. enhance, 183. genesis, 184. degrade, 185. delight, 186. precise, 187. introduction

188. em\_\_\_y job seekers      *v.* to give somebody a job and pay them for it; to make use of
189. di\_\_\_\_\_t sleep      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
190. co\_\_\_\_\_us among scientists      *n.* general agreement or accord in the judgment or opinion reached by a group as a whole
191. re\_\_\_\_\_te our conduct      *v.* to control something, especially by means of rules or laws
192. inc\_\_\_\_\_le amount      *adj.* unbelievable; enormous
193. co\_\_\_\_\_al swimming pool      *adj.* belonging to or used by a group rather than individuals; for common use
194. pr\_\_\_\_\_t investment      *adj.* acting with or showing care and thought for the future; exercising good judgment and common sense; sensible or wise in making decisions
195. co\_\_\_\_\_al combination of funds      *adj.* belonging to or used by a group rather than individuals; for common use
196. de\_\_\_e a crisis      *v.* to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved
197. the to\_\_c of the book      *n.* a subject that is being discussed or written about
198. unanimously ap\_\_\_\_\_e a resolution      *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

ANSWERS: 188. employ, 189. disrupt, 190. consensus, 191. regulate, 192. incredible, 193. communal, 194. prudent, 195. communal, 196. defuse, 197. topic, 198. approve

199. de\_\_\_\_\_le result *adj.* worth having or achieving; pleasing, attractive, or sought after
200. so\_\_\_\_\_al norms *adj.* relating to society or social relationships
201. off\_\_\_\_\_et inhibition *adj.* referring to something that misses the intended goal or objective; not reaching or affecting the intended target, often used to describe a weapon, technology, or medical treatment
202. vulnerable to man\_\_\_\_\_te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
203. chemical re\_\_\_\_\_on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
204. advance cap\_\_\_\_\_sm *n.* an economic system based on the private ownership of the means of production and their operation for profit
205. a serious to\_\_c *n.* a subject that is being discussed or written about
206. he\_\_x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
207. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
208. con\_\_\_\_\_ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
209. a joint ve\_\_\_\_\_e *n.* a business project or activity that is risky or daring

ANSWERS: 199. desirable, 200. societal, 201. off-target, 202. manipulate, 203. reaction, 204. capitalism, 205. topic, 206. helix, 207. chemical, 208. conversation, 209. venture

210. de\_\_\_\_\_le effect *adj.* worth having or achieving; pleasing, attractive, or sought after
211. a strain of vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
212. an\_\_\_a symptoms *n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
213. in\_\_\_\_\_e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
214. spread of the vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
215. so\_\_\_\_\_re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
216. chemical tr\_\_t *n.* a particular feature of your nature
217. disarm the b\_\_b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
218. as\_\_\_\_\_te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
219. com\_\_\_\_\_ize my patents *v.* to make something available for sale or use on a large scale
220. harvest si\_\_\_e *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death

ANSWERS: 210. desirable, 211. virus, 212. anemia, 213. involve, 214. virus, 215. software, 216. trait, 217. bomb, 218. associate, 219. commercialize, 220. sickle



221. mo\_\_\_\_\_ar structure      *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
222. t\_\_k fever      *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
223. with an unc\_\_\_\_\_ble face      *adj.* providing or feeling physical discomfort or slight pain
224. com\_\_\_\_\_ty theory      *n.* the state or quality of being complicated or intricate and difficult to understand
225. bo\_\_ded with delight      *v.* to move forward by leaps and bounds; to form the boundary of something
226. re\_\_\_\_\_te blood sugar levels      *v.* to control something, especially by means of rules or laws
227. cl\_\_\_e meat      *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
228. st\_\_\_\_\_up business      *n.* a newly established company or business
229. n\_\_m of action      *n.* something that is regarded as usual, typical, or standard
230. defense me\_\_\_\_\_sm      *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 221. molecular, 222. tick, 223. uncomfortable, 224. complexity, 225. bound, 226. regulate, 227. cleave, 228. start-up, 229. norm, 230. mechanism

231. so\_\_d ally *adj.* hard or firm; characterized by good substantial quality
232. as\_\_\_\_d everyone *v.* to surprise or shock someone with wonder very much
233. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
234. re\_\_\_e a house *v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
235. sus\_\_\_\_\_ity to peer pressure *n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something
236. financially st\_\_\_\_\_ed *adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed
237. 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
238. off\_\_\_\_\_et effects *adj.* referring to something that misses the intended goal or objective; not reaching or affecting the intended target, often used to describe a weapon, technology, or medical treatment

ANSWERS: 231. solid, 232. astound, 233. norm, 234. rewire, 235. susceptibility, 236. stranded, 237. function, 238. off-target

239. mo\_\_\_\_\_le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
240. di\_\_\_\_\_t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
241. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
242. inc\_\_\_\_\_ion of a new company *n.* the process of including or integrating something into a larger entity, such as a business or organization; the act of forming a corporation or company that is legally recognized as a separate entity, distinct from its owners
243. ut\_\_\_\_\_e a different approach *v.* to use something for a practical purpose in an effective way
244. em\_\_\_\_\_y a new method *v.* to give somebody a job and pay them for it; to make use of
245. 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
246. ad\_\_t a bill *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own

ANSWERS: 239. molecule, 240. disrupt, 241. environment, 242. incorporation, 243. utilize, 244. employ, 245. process, 246. adopt

247. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
248. the cell of the im\_\_\_e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
249. stuff of science fi\_\_\_\_\_n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
250. in\_\_\_t coin *v.* to put something inside something else
251. ad\_\_t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
252. ch\_\_\_h bell *n.* a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
253. in\_\_\_t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
254. a sex chr\_\_\_\_\_me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
255. get inc\_\_\_\_\_ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
256. architect's bl\_\_\_\_\_nt *n.* a photographic print of an early plan for a building or machine

ANSWERS: 247. lab, 248. immune, 249. fiction, 250. insert, 251. adopt, 252. church, 253. invest, 254. chromosome, 255. incredibly, 256. blueprint

257. cell and molecular bi\_\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
258. 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
259. de\_\_\_e a file      *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
260. entirely an\_\_\_\_\_us      *adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
261. wa\_\_\_\_\_e aircraft      *n.* the use of military force to achieve political, economic, or social objectives
262. in the Book of Ge\_\_\_\_\_s      *n.* the origin or beginning of something; the first book of the biblical scriptures of both Judaism and Christianity, describing the creation of the Earth and humankind
263. a friendly con\_\_\_\_\_ion      *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
264. lo\_\_s of control      *n.* a central or focal point; a place where something happens or is centered around
265. resolve without com\_\_\_\_\_ion      *n.* something that makes a situation or condition that is complex or confused

ANSWERS: 257. biology, 258. develop, 259. delete, 260. analogous, 261. warfare, 262. genesis, 263. conversation, 264. locus, 265. complication

266. medical l_b	<i>n.</i> a workplace for the conduct of scientific research; a laboratory
267. have ge_____c testing	<i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes
268. ex_____ng football player	<i>adj.</i> causing a lot of interest or excitement
269. the DNA se_____ce	<i>n.</i> a series of related events, actions, numbers, etc., which have a particular order
270. a tremor of de_____t	<i>n.</i> a feeling of great pleasure or happiness
271. ge___e analyses	<i>n.</i> the complete set or sequence of genes of a human, animal, plant, or other living things
272. pa__e a moment	<i>v.</i> to take a short break from talking or doing something before continuing
273. de___e a bomb	<i>v.</i> to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved
274. anthropology lab_____ry	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
275. int_____on among human beings	<i>n.</i> the act of connecting with someone, mainly when working, playing, or spending time with them
276. trigger a re_____on	<i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 266. lab, 267. genetic, 268. exciting, 269. sequence, 270. delight, 271. genome, 272. pause, 273. defuse, 274. laboratory, 275. interaction, 276. reaction

277. at inc\_\_\_\_\_le speed *adj.* unbelievable; enormous
278. sequencing of the human ge\_\_\_e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
279. ut\_\_\_\_\_e a catheter *v.* to use something for a practical purpose in an effective way
280. exp\_\_\_\_\_al function *adj.* becoming more and more rapid; of or involving mathematical exponents
281. the exc\_\_\_\_\_nt in the business world *n.* a feeling of great enthusiasm and eagerness
282. 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
283. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
284. participate in cl\_\_\_\_\_al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
285. ine\_\_\_\_\_nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
286. a scientific vi\_\_\_\_\_nt *n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty
287. atomic b\_\_bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

ANSWERS: 277. incredible, 278. genome, 279. utilize, 280. exponential, 281. excitement, 282. disease, 283. invention, 284. clinical, 285. inefficient, 286. viewpoint, 287. bomb

288. eve\_\_\_\_\_ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
289. loss of muscle ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
290. ac\_\_\_\_\_e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
291. cosmetic enh\_\_\_\_\_nts *n.* the act of improving or making something better
292. cl\_\_\_\_\_al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
293. the end of chr\_\_\_\_\_me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
294. in\_\_\_\_\_te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
295. ac\_\_\_\_\_m definition *n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)
296. ad\_\_\_\_\_ve technology *adj.* capable of adjusting to new situations or changing conditions

ANSWERS: 288. eventually, 289. tissue, 290. achieve, 291. enhancement, 292. clinical, 293. chromosome, 294. integrate, 295. acronym, 296. adaptive



297. a ge\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
298. in\_\_\_\_\_te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
299. use an ac\_\_\_\_m *n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)
300. ve\_\_\_\_\_e capital *n.* a business project or activity that is risky or daring
301. in\_\_\_\_t a graphic *v.* to put something inside something else
302. aesthetic exc\_\_\_\_\_nt *n.* a feeling of great enthusiasm and eagerness
303. the ad\_\_\_\_ve coloring *adj.* capable of adjusting to new situations or changing conditions
304. field of gene th\_\_\_\_y *n.* the act of caring for someone through medication, remedial training, etc.
305. the imp\_\_\_\_\_on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
306. pr\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
307. as\_\_\_\_\_d the viewer *v.* to surprise or shock someone with wonder very much

ANSWERS: 297. genetic, 298. integrate, 299. acronym, 300. venture, 301. insert, 302. excitement, 303. adaptive, 304. therapy, 305. implication, 306. protein, 307. astound

308. pal\_\_\_\_\_me phrase
- n.* a word, phrase, or sequence of characters that reads the same backward as forward, such as "racecar" or "level"; (of medicine and genetics) a sequence of DNA or RNA that is the same when read from 5' (five prime, denoting ends of DNA or RNA) to 3' on one strand and from 5' to 3' on the complementary strand
309. re\_\_\_e a program
- v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
310. et\_\_\_s of journalism
- n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
311. cognitive com\_\_\_\_\_ty
- n.* the state or quality of being complicated or intricate and difficult to understand
312. pathogenic ba\_\_\_\_\_ia
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
313. e\_\_t a history book
- v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
314. post re\_\_\_\_\_ly to a blog
- adv.* at regular intervals or times
315. cl\_\_e embryo
- n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

ANSWERS: 308. palindrome, 309. rewire, 310. ethics, 311. complexity, 312. bacteria, 313. edit, 314. regularly, 315. clone

316. en\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
317. 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
318. ex\_\_\_\_ng news *adj.* causing a lot of interest or excitement
319. pa\_\_e for a reaction *v.* to take a short break from talking or doing something before continuing
320. ad\_\_\_\_on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
321. com\_\_\_\_\_ize idea *v.* to make something available for sale or use on a large scale
322. res\_\_\_\_\_le action *adj.* answerable or accountable for something within one's power, control, or management
323. uni\_\_\_\_\_ed misunderstanding *adj.* not planned or meant
324. early-stage st\_\_\_\_up *n.* a newly established company or business
325. ac\_\_\_\_e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
326. so\_\_d employment measures *adj.* hard or firm; characterized by good substantial quality
327. detect a vi\_\_l code *adj.* relating to or caused by a virus

ANSWERS: 316. engineer, 317. embryo, 318. exciting, 319. pause, 320. addition, 321. commercialize, 322. responsible, 323. unintended, 324. start-up, 325. achieve, 326. solid, 327. viral

328. at\_\_\_\_de toward mistakes

*n.* the way you think and feel about someone or something

329. sp\_\_t a bill

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

330. eve\_\_\_\_\_ly become obsolete

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

ANSWERS: 328. attitude, 329. split, 330. eventually

## Session 3: Fill in the Blanks

1. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.
  - v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
  
2. 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
  
3. The vaccination does not necessarily make you completely \_\_\_\_\_.
  - adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
  
4. The \_\_\_\_\_ box needs to be cleaned regularly to maintain a healthy and odor-free environment for the cat.
  - n.* discarded or waste material, such as paper, packaging, or other debris, scattered in a careless or disorderly manner; a group of young animals born to an animal at one time; (verb) leave or scatter rubbish or trash in public or open places, rather than disposing of it properly
  
5. The lack of sleep \_\_\_\_\_ both physical and psychological diseases.
  - v.* to persuade someone to do something; to cause to act in a specific manner
  
6. He discovered unique \_\_\_\_\_ for photochemical reactions.
  - n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
  
7. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.
  - n.* the scientific study of life and the natural processes of living things

ANSWERS: 1. disrupt, 2. responsible, 3. immune, 4. litter, 5. induces, 6. mechanisms, 7. biology

8. The company specializes in both hardware and \_\_\_\_\_.
- n.* a set of computer programs and associated documentation and data for doing particular computational jobs
9. 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
10. Canada \_\_\_\_\_ on the United States.
- v.* to move forward by leaps and bounds; to form the boundary of something
11. She \_\_\_\_\_ the flowers off the bush.
- v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
12. The use of cluster \_\_\_\_\_ is strictly prohibited by international law.
- n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
13. The \_\_\_\_\_ of the discussion was the current state of the economy.
- n.* a subject that is being discussed or written about
14. This scripture provides the code of \_\_\_\_\_ for the religion.
- n.* a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong
15. Five of the six provinces will become \_\_\_\_\_ regions under the new federal system of government.
- adj.* capable of governing or controlling its affairs

ANSWERS: 8. software, 9. colleague, 10. bounds, 11. plucked, 12. bombs, 13. topic, 14. ethics, 15. autonomous

16. We \_\_\_\_ for an overseas expansion.

*v.* to try or plan to get or achieve something

17. The \_\_\_\_\_ pressure to conform is strong in this community.

*adj.* relating to society or social relationships

18. The content is \_\_\_\_\_ and informative for me.

*adj.* sharply exact or accurate or delimited

19. Several cities are experiencing \_\_\_\_\_ high unemployment rates.

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

20. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

21. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.

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

22. We do move forward with those tasks in \_\_\_\_\_ next week.

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

23. Highlight the sentences that you want to \_\_\_\_\_.

*v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

24. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.

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

ANSWERS: 16. aim, 17. societal, 18. precise, 19. incredibly, 20. protein, 21. complexity, 22. sequence, 23. delete, 24. genetic

25. The negotiator skillfully \_\_\_\_\_ the tense situation with calm words and gestures.
- v. to reduce or eliminate the tension, anger, or hostility in a situation, especially a potentially explosive one, by calming, soothing, or pacifying those involved
26. People have been exploring ways to \_\_\_\_\_ natural forces and resources since ancient times.
- v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
27. The joke fell \_\_\_\_\_ and didn't get any laughs from the audience.
- adj. referring to something that misses the intended goal or objective; not reaching or affecting the intended target, often used to describe a weapon, technology, or medical treatment
28. 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
29. He is like an exact \_\_\_\_\_ of his brother.
- n. a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
30. \_\_\_\_\_ elections were held in several European countries.
- adj. belonging to or used by a group rather than individuals; for common use
31. I need to \_\_\_\_\_ this document before submitting it to my boss.
- v. to prepare written material for publication by correcting, condensing, or otherwise modifying it

ANSWERS: 25. defused, 26. harness, 27. off-target, 28. environment, 29. clone, 30. Communal, 31. edit



32. The doctor diagnosed him with cardiac \_\_\_\_\_ which put him at risk for heart failure.
- n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
33. The firm has grown into a large \_\_\_\_\_ manufacturing.
- adj.* relating to or connected with chemistry;
34. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_.
- n.* a workplace for the conduct of scientific research; a laboratory
35. Your \_\_\_\_\_ reflects your thoughts.
- n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
36. A technique called deep learning has led to \_\_\_\_\_ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
37. The country has been engaged in a prolonged conflict, with both sides using modern \_\_\_\_\_ tactics.
- n.* the use of military force to achieve political, economic, or social objectives
38. RADAR is an \_\_\_\_\_ for radio detection and ranging.
- n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)

ANSWERS: 32. fibrosis, 33. chemical, 34. lab, 35. conversation, 36. breakthroughs, 37. warfare, 38. acronym

39. The national assembly has \_\_\_\_\_ the budget.  
*v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
40. She had the \_\_\_\_\_ that work was fun.  
*n.* the way you think and feel about someone or something
41. A \_\_\_\_\_ of grapes hung from the vine.  
*n.* a group of similar things or people close together, often forming a distinct mass or unit
42. Children often \_\_\_\_\_ parents with this head cold.  
*v.* to affect a person, an animal, or a plant with a disease-causing organism
43. The blade of the \_\_\_\_\_ glinted in the sunlight as he swung it back and forth.  
*n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
44. In \_\_\_\_\_ private corporations provide healthcare services.  
*n.* the act or process of adding something to something else; the process of adding numbers
45. Since the 1990s, the Internet has continued to experience \_\_\_\_\_ growth.  
*adj.* becoming more and more rapid; of or involving mathematical exponents
46. It is more \_\_\_\_\_ to wash your plastic bottle and reuse it.  
*adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

ANSWERS: 39. adopted, 40. attitude, 41. cluster, 42. infect, 43. sickle, 44. addition, 45. exponential, 46. economical

47. The \_\_\_\_\_ of new technology has dramatically improved our efficiency.
- n.* the process of including or integrating something into a larger entity, such as a business or organization; the act of forming a corporation or company that is legally recognized as a separate entity, distinct from its owners
48. The security camera has \_\_\_\_\_ four intruders.
- v.* to find or recognize something, especially something difficult to see, hear, etc.
49. I always put a \_\_\_\_\_ mark next to the items on my grocery list after buying them.
- n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
50. This operation requires both patience and \_\_\_\_\_.
- n.* the quality or condition of being exact and accurate
51. This device can more accurately detect \_\_\_\_\_ pathogens.
- adj.* relating to or caused by a virus
52. 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
53. In terms of \_\_\_\_\_ he was head and shoulders above his classmates.
- n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
54. A business plan is a \_\_\_\_\_ for your success.
- n.* a photographic print of an early plan for a building or machine

ANSWERS: 47. incorporation, 48. detected, 49. tick, 50. precision, 51. viral, 52. tissue, 53. intelligence, 54. blueprint

55. Please tell me how to \_\_\_\_\_ this computer.

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

56. The findings of the experiment were both \_\_\_\_\_ and unexpected.

- adj.* causing a lot of interest or excitement

57. The new strategy will \_\_\_\_\_ the profitability of our company.

- v.* to increase or improve the quality, amount, or strength of someone or something

58. We looked at this issue from a different \_\_\_\_\_.

- n.* a way of thinking about a specific subject; a place from which something can be viewed, especially in an area of natural beauty

59. The man \_\_\_\_\_ before opening the door.

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

60. The DNA molecule is shaped like a double \_\_\_\_\_.

- n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

61. Due to the outbreak, the government imposed a two-week \_\_\_\_\_ for all travelers.

- n.* a state of isolation imposed on people or animals to prevent the spread of disease

62. His poem has a very significant \_\_\_\_\_.

- n.* something that is inferred or indirectly stated; the act or fact of being involved in something

ANSWERS: 55. manipulate, 56. exciting, 57. enhance, 58. viewpoint, 59. paused, 60. helix, 61. quarantine, 62. implication

63. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.
- n.* a large organized community of people living in a particular country or region and having a particular culture
64. This site \_\_\_\_\_ shares high-quality academic materials.
- adv.* at regular intervals or times
65. 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
66. The \_\_\_\_\_ on the corner is hosting a free community meal tonight.
- n.* a building or institution dedicated to religious worship or activities; a Christian religious organization or denomination
67. The surgeon made an incision in the \_\_\_\_\_ between two ribs to access the patient's lungs.
- n.* the space between objects or parts, especially between two closely positioned objects; an interval or gap between two things
68. I need to \_\_\_\_\_ the faulty electrical system in my house to prevent a fire.
- v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
69. The company is trying to \_\_\_\_\_ its new product.
- v.* to make something available for sale or use on a large scale
70. The incident \_\_\_\_\_ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

ANSWERS: 63. nation, 64. regularly, 65. disease, 66. church, 67. interspace, 68. rewire, 69. commercialize, 70. triggered

71. Most countries prohibit sexual activity between certain close \_\_\_\_\_.
- adj.* considered and evaluated through comparison with something else
72. 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
73. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
74. We cannot \_\_\_\_\_ her as President.
- v.* to imagine or expect what a situation will be like in the future
75. The nurse \_\_\_\_\_ the children in the school.
- v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
76. The word "deified" is an example of a \_\_\_\_\_ where it reads the same backward as it does forward.
- n.* a word, phrase, or sequence of characters that reads the same backward as forward, such as "racecar" or "level"; (of medicine and genetics) a sequence of DNA or RNA that is the same when read from 5' (five prime, denoting ends of DNA or RNA) to 3' on one strand and from 5' to 3' on the complementary strand
77. You should not \_\_\_\_\_ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 71. relatives, 72. genome, 73. Bacteria, 74. envision, 75. vaccinated, 76. palindrome, 77. degrade

78. Her research team made an important \_\_\_\_\_.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
79. 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
80. The two parties have reached a \_\_\_\_\_.
- n.* general agreement or accord in the judgment or opinion reached by a group as a whole
81. The software update included several \_\_\_\_\_ to the user interface.
- n.* the act of improving or making something better
82. Radiation often promotes genetic \_\_\_\_\_ in plants and animals.
- n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
83. He found that it is difficult to \_\_\_\_\_ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
84. His \_\_\_\_\_ showed highly positive results.
- n.* the scientific test conducted to observe what happens and gain new knowledge
85. The \_\_\_\_\_ into the new market was risky, but it paid off.
- n.* a business project or activity that is risky or daring

ANSWERS: 78. discovery, 79. develop, 80. consensus, 81. enhancements, 82. mutations, 83. integrate, 84. experiments, 85. venture

86. We need to \_\_\_\_\_ the next steps for the project during our meeting tomorrow.  
*v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
87. The organization held \_\_\_\_\_ consultations to gather input on the project.  
*n.* a person or group that has an interest or concern in something, especially a business
88. The shape of the DNA \_\_\_\_\_ is a double helix.  
*n.* a group of two or more atoms held together by attractive forces known as chemical bonds
89. The new software will streamline the workflow, \_\_\_\_\_ increasing productivity.  
*adv.* as a result; consequence of a particular action or set of conditions
90. When making arrests, police officers frequently \_\_\_\_\_ excessive force.  
*v.* to give somebody a job and pay them for it; to make use of
91. The \_\_\_\_\_ on the child's faces when they received the toy was priceless.  
*n.* a feeling of great pleasure or happiness
92. The beachfront property had a \_\_\_\_\_ location with stunning ocean views.  
*adj.* worth having or achieving; pleasing, attractive, or sought after
93. Necessity is the mother of \_\_\_\_\_.  
*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
94. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 86. discuss, 87. stakeholder, 88. molecule, 89. thereby, 90. employ, 91. delight, 92. desirable, 93. invention, 94. opportune



95. The \_\_\_\_\_ to the new class was informative and engaging.
- n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
96. The company decided to take a more \_\_\_\_\_ approach to its expansion plans this year.
- adj.* acting with or showing care and thought for the future; exercising good judgment and common sense; sensible or wise in making decisions
97. There was a chemical \_\_\_\_\_ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
98. The doctor diagnosed the patient with \_\_\_\_\_ due to a lack of iron in their blood.
- n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
99. Companies often \_\_\_\_\_ their shares to lower the stock price and encourage investors to buy.
- v.* to divide, or to make something divide into two or more parts, especially along a particular line
100. My boss wouldn't \_\_\_\_\_ of the plan.
- v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
101. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.

ANSWERS: 95. introduction, 96. prudent, 97. reaction, 98. anemia, 99. split, 100. approve, 101. therapy

102. The \_\_\_\_\_ of the problem was found to be in the software code, which needed to be fixed before launch.

*n.* a central or focal point; a place where something happens or is centered around

103. The final result was nothing short of \_\_\_\_\_.

*v.* to surprise or shock someone with wonder very much

104. His abusive words made me \_\_\_\_\_.

*adj.* providing or feeling physical discomfort or slight pain

105. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.

*v.* to include or affect someone or something as a necessary part of something else

106. Truth is stranger than \_\_\_\_\_.

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

107. After their car broke down, the family was \_\_\_\_\_ on the side of the highway for hours.

*adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed

108. Your credit card is no longer \_\_\_\_\_.

*adj.* having a reasonable basis in logic or fact; still legally or officially acceptable

109. The \_\_\_\_\_ will repair my telephone tomorrow morning.

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

ANSWERS: 102. locus, 103. astounding, 104. uncomfortable, 105. involves, 106. fiction, 107. stranded, 108. valid, 109. engineer

110. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.

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

111. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.

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

112. I will work hard to \_\_\_\_\_ my goals and realize my dreams.

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

113. The patient was sent for an X-ray to determine the cause of the \_\_\_\_\_ in her abdomen.

*n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

114. He needed to resolve the problem as soon as possible, so he made an \_\_\_\_\_ directly.

*n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest

115. The government should view children as national assets and actively \_\_\_\_\_ in them.

*v.* to put money, effort, time, etc. into something to make a profit or achieve a result

116. 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

ANSWERS: 110. specific, 111. virus, 112. achieve, 113. cyst, 114. appeal, 115. invest, 116. process

117. Let's try to \_\_\_\_\_ a bit of enthusiasm into your performance.

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

118. Human females normally have two X \_\_\_\_\_.

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

119. It's important to \_\_\_\_\_ your strengths and weaknesses.

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

120. Our company's services are targeted at \_\_\_\_\_ executives.

- n.* a newly established company or business

121. I noticed a \_\_\_\_\_ in the company's annual report, stating the wrong profit margin.

- n.* a mistake made in typing or the reproduction of a text

122. The security camera acted as a \_\_\_\_\_ monitoring the area for suspicious activity.

- n.* a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security

123. These economic activities had disastrous environmental \_\_\_\_\_.

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

124. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.

- n.* a single person or thing, as distinct from a group

ANSWERS: 117. inject, 118. chromosomes, 119. recognize, 120. start-up, 121. typo, 122. sentinel, 123. consequences, 124. individual,

125. We must manage to \_\_\_\_\_ our expenditure.

*v.* to control something, especially by means of rules or laws

126. Her new documentary earned her an \_\_\_\_\_ Award.

*n.* a school for special training; a type of official organization that aims to encourage and develop standards in its particular field

127. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.

*n.* a condition in which pathogenic microorganisms or viruses have entered the body

128. The system is still so \_\_\_\_\_ that it is useless.

*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.

129. 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

130. Yoga is known to have \_\_\_\_\_ benefits for the mind and body.

*adj.* relating to or involved in the treatment of illness or injury

131. The corporation \_\_\_\_\_ dominated the entire tobacco business.

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

132. Multiple genes may influence behavioral \_\_\_\_\_ concurrently.

*n.* a particular feature of your nature

ANSWERS: 125. regulate, 126. Academy, 127. infections, 128. inefficient, 129. embryo, 130. therapeutic, 131. eventually, 132. traits

133. The politician's remarks became the \_\_\_\_\_ of the clash between the two countries.
- n.* the origin or beginning of something; the first book of the biblical scriptures of both Judaism and Christianity, describing the creation of the Earth and humankind
134. The designer's \_\_\_\_\_ was to create a minimalist aesthetic for the interior of the building.
- n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
135. I used to play with my younger male \_\_\_\_\_ when I was a little girl.
- n.* the child of your aunt or uncle
136. The royal family has much \_\_\_\_\_ scattered across the globe.
- n.* the descendants or offspring of a person, animal, or plant
137. The human heart is \_\_\_\_\_ to a pump in a plumbing system.
- adj.* similar or equivalent in some respects, typically as a result of functioning in a similar way
138. Her response revealed \_\_\_\_\_ idiocy.
- adj.* unbelievable; enormous
139. The company is set to \_\_\_\_\_ its new product line next month.
- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
140. \_\_\_\_\_ also guarantees intellectual property rights and thus promotes innovation.
- n.* an economic system based on the private ownership of the means of production and their operation for profit

ANSWERS: 133. genesis, 134. intent, 135. cousins, 136. progeny, 137. analogous, 138. incredible, 139. launch, 140. Capitalism

141. 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

142. He swung the axe with all his might to \_\_\_\_\_ the wood in half.

*v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively

143. The majority of consumers \_\_\_\_\_ this brand with quality.

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

144. \_\_\_\_\_ weight is the sum of all the atoms.

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

145. He also continued to struggle with serious long-term \_\_\_\_\_.

*n.* something that makes a situation or condition that is complex or confused

146. The company's rules \_\_\_\_\_ the employee's working hours.

*v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

147. The systems we have developed has accepted as industry \_\_\_\_\_.

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

148. Tech companies often employ \_\_\_\_\_ ducts and other materials in their office interiors.

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

ANSWERS: 141. adaptive, 142. cleave, 143. associate, 144. Molecular, 145. complications, 146. bind, 147. norms, 148. exposed

149. The building was \_\_\_\_\_ in the fire and had to be rebuilt.

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

150. His leg was in \_\_\_\_\_ for weeks after the accident.

*n.* the action or ability to pull something along a surface without sliding

151. The court used previous \_\_\_\_\_ to make its decision.

*n.* a previous event or action that serves as an example or rule to authorize or justify similar events or actions in the future

152. Certain individuals have a higher \_\_\_\_\_ to certain diseases due to genetic factors.

*n.* the state of being easily influenced or vulnerable to some external influence, such as a disease, idea, or emotional state; the ability to be easily affected by something

153. The \_\_\_\_\_ of the two groups is good for brainstorming.

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

154. He liked the car because of the \_\_\_\_\_ of the design.

*n.* the quality or condition of being natural and plain or easy to understand or do

155. She received special \_\_\_\_\_ training at the hospital.

*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

156. The \_\_\_\_\_ of water is called ice.

*adj.* hard or firm; characterized by good substantial quality

ANSWERS: 149. destroyed, 150. traction, 151. precedents, 152. susceptibility, 153. interaction, 154. simplicity, 155. clinical, 156. solid-state



157. The store is \_\_\_\_\_ empty.

*adv.* almost or nearly

158. The \_\_\_\_\_ of the upcoming concert was palpable among the crowd.

*n.* a feeling of great enthusiasm and eagerness

159. She \_\_\_\_\_ a new chapter into her manuscript.

*v.* to put something inside something else

160. The cook \_\_\_\_\_ the leftover oxtail to make soup.

*v.* to use something for a practical purpose in an effective way

161. 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)

162. 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

163. Excessive human interference in the global environment may bring \_\_\_\_\_ consequences.

*adj.* not planned or meant

164. The council has decided to impose a \_\_\_\_\_ on building new houses in the area.

*n.* a temporary suspension or delay of an activity or process, often as a result of an official agreement or decision

ANSWERS: 157. practically, 158. excitement, 159. inserted, 160. utilized, 161. cardiovascular, 162. function, 163. unintended, 164. moratorium

165. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.

*n.* a workplace for doing scientific research or teaching science; a lab

ANSWERS: 165. laboratory