

# Englist.me



## Vocabulary Builder Reference from...

*Carl June: A "living drug" that could change the way we treat cancer | TED Talk*

[https://www.ted.com/talks/carl\\_june\\_a\\_living\\_drug\\_th  
at\\_could\\_change\\_the\\_way\\_we\\_treat\\_cancer](https://www.ted.com/talks/carl_june_a_living_drug_that_could_change_the_way_we_treat_cancer)

### All Words

#### IMPORTANT

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## Session 1: Word List

### aspect

*n.* one part or feature of a situation, problem, subject, etc.  
*synonym*: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

### yoga

*n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation

*synonym*: meditation, exercise, spiritual practice

(1) aerial **yoga**, (2) **yoga** teacher

Many people find that regular **yoga** practice can help reduce stress and anxiety.

### 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.

### cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells  
*synonym*: tumor, carcinoma, malignancy

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

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

### vaccine

*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

*synonym*: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

### unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

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

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

### disappoint

*v.* to fail to meet someone or their hopes or expectations; to make someone feel sad

*synonym*: sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me

She worked very hard not to **disappoint** her boss's expectations.

### 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.

## cervical

*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

*synonym*: cervical, neck, spinal

(1) **cervical** cancer, (2) **cervical** spine

She must undergo a **cervical** screening to check for abnormalities in her reproductive system.

## liver

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

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

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

## evolve

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

*synonym*: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym*: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## invade

*v.* to enter aggressively into another's territory by military force for conquest and occupation

*synonym*: intrude, raid, overrun

(1) **invade** other tissues, (2) **invade** his privacy

I have no intention to **invade** your privacy.

## 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.

## 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.

## 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**.

## autoimmune

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

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

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

## 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.

## colitis

*n.* inflammation of the colon; a condition that results in diarrhea, abdominal pain, and cramping

*synonym* : colon infection, bowel disease

(1) acute **colitis**, (2) chronic **colitis**

Ulcerative **colitis** is an inflammatory bowel disease that can cause severe discomfort and requires long-term management.

## sclerotic

*adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging

*synonym* : hardened, rigid, stiff

(1) **sclerotic** lesion, (2) **sclerotic** plaques

The **sclerotic** arteries in his legs made it difficult for him to walk long distances.

## synthetic

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

*synonym* : artificial, manufactured, fabricated

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

**Synthetic** diamonds play an essential role as machine tool blades.

## genetic

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

*synonym* : hereditary, genetical, inborn

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

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

## engineer

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

*synonym* : architect, creator, builder

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

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

## 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.

## naturally

*adv.* as might be expected; by natural manners

*synonym*: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

## 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.

## antibody

*n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

## 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.

## combine

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

*synonym*: coalesce, cohere, blend

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

(2) **combine** augmented reality

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

## 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**.

## repurpose

*v.* to use something again for a different purpose than it was originally intended

*synonym*: reutilize, recycle, reuse

(1) **repurpose** an old building, (2) **repurpose** a used car

The old barn was **repurposed** into a modern event space.

## 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.

## chimera

*n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

*synonym*: delusion, illusion, figment

(1) **chimera** mouse, (2) interspecies **chimera**

Animal **chimeras** are created by combining multiple fertilized eggs.

## fantastic

*adj.* extremely good; excellent

*synonym*: incredible, unbelievable, marvelous

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

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

## breath

*n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

*synonym* : air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

## creature

*n.* a living being, especially an animal

*synonym* : being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

## mythology

*n.* a collection of myths (= traditional stories accepted as history) or the study of myths

*synonym* : folklore, legend, fable

(1) tale from **mythology**, (2) ancient **mythology**

He studies Greek and Roman **mythology**.

## serpent

*n.* a large snake

*synonym* : snake, viper, reptile

(1) the feathered **serpent** god, (2) **Serpent** Bearer

That mythical chimera has a lion's body, a bird's wings, and a **serpent's** tail.

## decide

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

*synonym* : choose, determine, settle

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

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

## paradoxical

*adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true

*synonym* : contradictory, conflicting, perplexing

(1) a **paradoxical** anecdote, (2) apparently **paradoxical**



it is **paradoxical** that the French, who prefer animal foods, live longer than people in other countries.

## antigen

*n.* a substance that triggers the body's immune response (= the reaction for fighting infections) for defending the body, especially by producing antibodies (= proteins that identify and attack harmful bacteria, viruses, etc.)

(1) detect **antigen**, (2) viral **antigen**

**Antigen** testing is less accurate than PCR testing but easier to perform.

## receptor

*n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

## 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.

## tumor

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

*synonym*: neoplasm, mass, lump

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

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

## supercharge

*v.* to increase the power or energy of something

*synonym*: boost, enhance, power up

(1) **supercharge** economic growth, (2) **supercharge** the battery

They **supercharged** the engine to get more power.

## steroid

*n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

(1) **steroid** abuse, (2) a **steroid** hormone

Some **steroids** are banned for use by athletes because of their muscle-building effects.

## defend

*v.* to protect someone or something from attack, criticism, danger, etc.

*synonym*: protect, guard, support

(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

## buildup

*n.* the accumulation or increase of something over time

*synonym*: accumulation, increase, growth

(1) lactic acid **buildup**, (2) huge military **buildup**

The **buildup** of stress over time can lead to health problems.

## divide

*v.* to separate or cause to separate into parts or groups

*synonym*: separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

## multiply

*v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

*synonym*: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

**Multiply** a number by itself twice.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym*: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to

help with various ailments.

## **mold**

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

*synonym* : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

## **metabolism**

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

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

Better sleep leads to increased **metabolism**.

## **patient**

*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

*synonym* : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

## **calculated**

*adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

*synonym* : premeditated, willful, deliberate

(1) **calculated** bankruptcy, (2) **calculated** crime

The company made a **calculated** decision to invest in new technology.

## **infusion**

*n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid

*synonym* : injection, transfusion, instillation

(1) **infusion** therapy, (2) **infusion** pump

The nurse prepared an **infusion** of pain medication for the patient.

## patrol

*n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation

*synonym* : guard, watch, surveillance

(1) **patrol** car, (2) border **patrol**

The highway **patrol** officer pulled over the speeding vehicle on the freeway.

## paradigm

*n.* a standard or typical example of something; a pattern or model

*synonym* : example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

## identical

*adj.* being the exact same one

*synonym* : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

## twin

*n.* either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

## 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.

## robust

*adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

*synonym* : healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

## platform

*n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

*synonym* : stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise

The speaker mounted the **platform** and started to speak.

## advance

*v.* to go or move forward; to develop in a positive way

*synonym* : progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

## survive

*v.* to live or exist despite a dangerous event or period

*synonym* : endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

## improvisation

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym* : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## 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**.

## improve

*v.* to make or become better

*synonym*: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## leukemia

*n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably

*synonym*: blood cancer

(1) childhood **leukemia**, (2) acute **leukemia**

The symptoms of **leukemia** may include fatigue, weakness, and fever.

## chronic

*adj.* being long-lasting and recurrent or characterized by long suffering; habitual

*synonym*: established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

**Chronic** hyperglycemia is a trigger for a variety of serious diseases.

## lymphocyte

*n.* a type of white blood cell that plays a role in the immune system's response to infection and disease

*synonym*: immune cell, white blood cell, T-cell

(1) activated **lymphocyte**, (2) **lymphocyte** depletion

Immunotherapy is a cancer treatment that uses the patient's

T- **lymphocytes** to attack cancer cells.

## **incurable**

*adj.* not able to be cured, healed, or remedied; beyond recovery or redemption

*synonym* : unrecoverable, irreparable, hopeless

(1) **incurable** patient, (2) **incurable** romantic

The patient was diagnosed with an **incurable** disease and given only a few months to live.

## **afflict**

*v.* to cause pain, suffering, or distress to someone or something

*synonym* : trouble, distress, bother

(1) **afflict** with the plague, (2) **afflict** the economy

The disease can **afflict** both humans and animals.

## **approximately**

*adv.* close to a specific number or time but not exactly that number or time

*synonym* : about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same

This trail takes **approximately** 2.5 hours.

## **statistics**

*n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

## **retire**

*v.* to withdraw from one's position or occupation, especially because of age

*synonym* : relinquish, step down, withdraw

(1) **retire** voluntarily, (2) **retire** after four terms

After working for the company for 30 years, she decided to **retire** from her job.

## **marine**

*adj.* relating to the sea and the creatures and plants that live there

*synonym* : sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life  
Seals and whales are **marine** animals beloved by the people.

## sergeant

*n.* a rank of non-commissioned officer in the armed forces, typically above corporal but below staff sergeant or sergeant first class

*synonym*: officer, serjeant, noncommissioned officer

(1) police **sergeant**, (2) army **sergeant**

The fire department **sergeant** instructed the firefighters on how to tackle the blaze.

## infuse

*v.* to fill something with a particular quality, feeling, or influence; to imbue

*synonym*: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

## transfer

*v.* to move, pass, or change from one person, place, or situation to another

*synonym*: move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

## comatose

*adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)

*synonym*: senseless, sleepy

(1) fall into a **comatose** state, (2) lie **comatose** on the floor

The doctors revived the **comatose** patient.

## rite

*n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice

*synonym*: ceremony, ritual, practice

(1) perform the **rite**, (2) **rite** of passage into adulthood

The bishop performed the **rite** of consecration for the new



church.

## physician

*n.* a medical doctor who practices medicine

*synonym* : doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

## examine

*v.* to study or consider a person or object attentively and thoroughly to learn something about them

*synonym* : study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue

Initially, we must **examine** all project-related expenses.

## mass

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

*synonym* : abundance, crowd, mob

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

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

## melt

*v.* to turn from something solid into something soft or liquid as a result of heating

*synonym* : disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

## marrow

*n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

*synonym* : bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

## biopsy

*n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

*synonym* : examination, autopsy

(1) **biopsy** of bone marrow, (2) liquid **biopsy**

The doctor performed an excisional breast **biopsy**.

## durable

*adj.* capable of lasting and being used for a long time without being damaged or destroyed

*synonym* : enduring, stable, long-lasting

(1) **durable** peace, (2) **durable** materials

Our company's products are made of highly **durable** materials.

## remission

*n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts

*synonym* : forgiveness, amnesty, absolution

(1) complete **remission**, (2) clinical **remission**

The cancer patient was delighted to hear that their disease was in **remission**.

## dissolve

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

*synonym* : disband, disappear, liquefy

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

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

## pound

*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

## veritable

*adj.* authentic or genuine, often used to emphasize the degree or extent of something

*synonym* : genuine, authentic, bona fide

(1) **veritable** treasure, (2) a **veritable** explosion of colors

She is a **veritable** expert on the subject and has published many papers.

## bioreactor

*n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes

*synonym*: fermenter

(1) **bioreactor** engineering, (2) anaerobic **bioreactor**

The scientists optimized the conditions in the **bioreactor** to increase the yield of the desired product.

## 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**.

## punch

*v.* to strike someone or something with one's fist; to make a hole in something

*synonym*: hit, strike, slap

(1) **punch** out numbers, (2) **punch** a ticket

He **punched** the wall in anger.

## analogy

*n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

*synonym*: metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

## ratio

*n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal

*synonym*: proportion, rate, quota

(1) debt-to-income **ratio**, (2) **ratio** of boys to girls

The **ratio** of water to sugar in the recipe is 1:2.

## 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.

## 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.

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym*: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## modern

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

*synonym*: contemporary, stylish, current

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

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

## permit

*v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

*synonym*: allow, authorize, concede

(1) **permit** application, (2) work **permit**

The teacher will not **permit** any students to leave the classroom early.

## acute

*adj.* extremely sharp or severe

*synonym*: sharp, perceptive, keen

(1) **acute** pain, (2) **acute** triangle

The patient died from **acute** alcohol intoxication.

## enroll

*v.* to officially register or sign up for something, particularly a course of study, an organization, or a service

*synonym*: register, enlist, join

(1) **enroll** at a college, (2) **enroll** in a school

I need to **enroll** in a cooking class to improve my culinary skills.

## chemotherapy

*n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

*synonym*: anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

## radiation

*n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

*synonym*: dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

## diagnose

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

*synonym*: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

## spleen

*n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration

*synonym*: lien, irascibility, temper

(1) **spleen** function, (2) enlarged **spleen**

The doctor explained that the pain in her abdomen was caused by **spleen** inflammation.

## scary

*adj.* causing fear or fright; frightening; intimidating

*synonym*: terrifying, frightening, alarming

(1) **scary** dream, (2) **scary** story

The horror movie was so **scary** that I couldn't watch it alone.

## kidney

*n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

## lung

*n.* either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

## degree

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

*synonym*: level, qualification, diploma

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

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

## 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**.

## infectious

*adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water

*synonym* : contagious, epidemic, transmittable

(1) an **infectious** fever, (2) person's smile is **infectious**  
Leprosy is an indolent **infectious** disease.

## elevate

*v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

*synonym* : lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

## 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.

## hundredfold

*adj.* a hundred times as great or as much

(1) rise nearly **hundredfold**, (2) improve **hundredfold**

The development team reported two **hundredfold** increases in performance.

## coincidence

*n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way

*synonym* : co-occurrence, concurrency, accident

(1) the **coincidence** of an opinion, (2) by a strange **coincidence**

It was a pure **coincidence** that we met her in the library.

## pediatrics

*n.* the branch of medicine that deals with the care and treatment of children

*synonym* : pedology, child health

(1) **pediatrics** department, (2) **pediatrics** clinic

I am studying **pediatrics** in medical school because I love working with children.

## arthritis

*n.* inflammation of one or more joints of the body, which include pain and stiffness

(1) medication for **arthritis**, (2) symptoms of **arthritis**

My rheumatoid **arthritis** is acting up again.

## experimental

*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

*synonym*: empirical, exploratory, observed

(1) **experimental** data, (2) **experimental** design

The product is still in the **experimental** stage.

## 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.

## 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.

## tocilizumab

*n.* a medication used to treat inflammatory conditions such as rheumatoid arthritis, giant cell arteritis, and cytokine release syndrome

(1) administer **tocilizumab**, (2) **tocilizumab** treatment

The patient experienced **tocilizumab** side effects which included dizziness and headaches.

## pharmacy

*n.* a place where medicines are prepared and dispensed; a drugstore or chemist's

*synonym*: drugstore, chemist's, apothecary

(1) **pharmacy** chain, (2) online **pharmacy**



I need to go to the hospital **pharmacy** to pick up my prescription.

## cowboy

*n.* a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle

*synonym*: cowpuncher, rancher, wrangler

(1) **cowboy** rodeo, (2) **cowboy** boots

The **cowboy** hat she wore added to her rugged and tough look.

## institutional

*adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

*synonym*: corporate, governmental

(1) **institutional** bank, (2) address **institutional** constraints

We have to discuss the **institutional** reforms of our country.

## striking

*adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

*synonym*: arresting, astonishing, exceptional

(1) **striking** innovation, (2) **striking** evidence

The two plays have many **striking** parallels.

## declare

*v.* to say, state, or announce something clearly, officially, or publicly

*synonym*: announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

## violent

*adj.* involving or caused by physical force or aggression against someone or something

*synonym*: aggressive, intense, turbulent

(1) victim of a **violent** crime, (2) **violent** incident

The protesters became **violent** when the police tried to disperse them.

## 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.

## cytokine

*n.* any of various protein molecules produced by cells of the immune system that serve to regulate the immune system

(1) a **cytokine** production, (2) **cytokine** receptor

Abnormal **cytokine** response may cause atopic dermatitis.

## release

*v.* to set free or allow to escape from confinement

*synonym* : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO<sub>2</sub> into the air

The animal rights group worked to **release** the dolphins back into the wild.

## syndrome

*n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

*synonym* : disorder, condition, complication

(1) **syndrome** of dementia, (2) acute **syndrome**

The patient was diagnosed with a rare genetic **syndrome**.

## influenza

*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

*synonym* : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza** B strain

The research institute allocated a lot of money to study the

cause and prevention of **influenza**.

## twist

*v.* to bend or turn something into a certain shape

*synonym*: wrench, turn, twirl

(1) **twist** around to the left, (2) **twist** a wet towel

He **twisted** pieces of rope out of straw.

## recover

*v.* to return to a former condition, health, mind, or strength

*synonym*: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

## eradicate

*v.* to get rid of or destroy something completely, especially something bad

*synonym*: destroy, eliminate, exterminate

(1) **eradicate** the deficit, (2) **eradicate** racial discrimination

We are trying to **eradicate** this disease from the world.

## accompanying

*adj.* being in a position next to or near something or someone

*synonym*: attendant, concomitant, coexisting

(1) **accompanying** equipment, (2) **accompanying** documents

The **accompanying** music was soothing and added to the ambiance.

## medical

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

*synonym*: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

## unheard

*adj.* not heard, listened to, or noticed; not having been brought to public attention

*synonym*: unknown, obscure

(1) an **unheard** story, (2) previously **unheard-of** economic

development

The **unheard** melody was beautiful and touched everyone's hearts.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym*: outstanding, exceptional, extraordinary

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

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

## journal

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

*synonym*: periodical, diary, bulletin

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

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

## confirm

*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

*synonym*: affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction

Please write to **confirm** your reservation.

## approval

*n.* the belief that someone or something is good or acceptable

*synonym*: acceptance, endorsement, permission

(1) a written **approval**, (2) express my **approval**

This project took a lot of time to get the president's **approval**.

## refractory

*adj.* stubbornly resistant to authority or control; difficult or impossible to manage, control, or work with; resistant to heat or chemically resistant, particularly when referring to materials or substances

*synonym*: stubborn, rebellious, obstinate

(1) **refractory** anemia, (2) **refractory** period

The **refractory** material could withstand extremely high temperatures.

## lymphoma

*n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease

*synonym* : lymphatic cancer, lymphoid tumor, lymph node cancer

(1) non-hodgkin **lymphoma**, (2) childhood **lymphoma**

My aunt was diagnosed with **lymphoma** and is undergoing chemotherapy.

## impressive

*adj.* arousing admiration due to size, quality, or skill

*synonym* : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

## 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**.

## thrill

*n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

*synonym* : exhilaration, delight, rush

(1) the **thrill** of speed, (2) incredible **thrill**

Skydiving is an overwhelming **thrill** for many people.

## pace

*n.* the speed at which someone or something moves, or the rate at which something happens or changes

*synonym* : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

## advancement

*n.* the development, improvement, or progress of something

*synonym* : progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**  
Competition between countries resulted in fast technological **advancement**.

## grateful

*adj.* feeling or showing an appreciation of kindness; thankful  
*synonym*: thankful, appreciative, indebted

(1) a **grateful** breeze, (2) put a **grateful** expression  
She was **grateful** for the help he provided.

## terminal

*n.* a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route

*synonym*: endpoint, final, concluding

(1) **terminal** disease, (2) a **terminal** syllable

The **terminal** at the airport is where passengers catch their flights.

## 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**.

## curative

*adj.* having the power to cure or heal; relating to or intended for medical treatment or healing

*synonym*: healing, therapeutic, medicinal

(1) **curative** treatment, (2) **curative** effect

The natural hot springs were said to have **curative** properties for those with sore muscles and joints.

## 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.

## efficient

*adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

*synonym* : productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances  
The new washing machine is much more **efficient** than the old one.

## afford

*v.* to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost  
He cannot **afford** a holiday.

## fortunate

*adj.* having good luck or lucky

*synonym* : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person  
He was pretty **fortunate** to pass the exam.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym* : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student  
He was known to be very **industrious** and would often work late into the night.

## efficiently

*adv.* in a way that produces maximum output with minimum effort or expense

*synonym* : expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.

## strike

*v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon  
*synonym* : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

## magnitude

*n.* the extent, level, importance, or amount of something  
*synonym* : size, extent, level

(1) a star of the first **magnitude**, (2) the **magnitude** of the disaster

The **magnitude** of the earthquake was measured at 7.8 on the Richter scale.

## overnight

*adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time

*synonym* : all-night, sudden, immediate

(1) **overnight** parking, (2) **overnight** success

The **overnight** package delivery arrived at my door this morning.

## setback

*n.* an unfortunate happening that hinders or impedes; a reversal or check in progress

*synonym* : obstacle, hindrance, difficulty

(1) major **setback**, (2) suffer a **setback**

The team experienced a **setback** when their star player was injured during the game.

## instant

*adj.* happening immediately, with no delay

*synonym* : immediate, urgent, moment

(1) get **instant** access, (2) an **instant** reply

His pleasant face turned cold in an **instant**.

## gratification

*n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want

*synonym* : satisfaction, pleasure, contentment



(1) instant **gratification**, (2) aesthetic **gratification**

The **gratification** of completing a difficult task is a great feeling.

### on-demand

*adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay

*synonym*: on-request, as-needed, ad-hoc

(1) **on-demand** transportation, (2) **on-demand** delivery

Many consumers prefer **on-demand** streaming services over traditional cable TV.

### persistent

*adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

*synonym*: tenacious, steadfast, unrelenting

(1) **persistent** cough, (2) **persistent** data

Despite the setbacks, he remained **persistent** in his pursuit of his dreams.

### vision

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

*synonym*: sight, image, concept

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

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

### patience

*n.* the ability to remain calm and composed in the face of adversity, delay, or frustration; the capacity to tolerate or endure difficult or unpleasant situations without becoming upset or angry

*synonym*: forbearance, endurance, tolerance

(1) test my **patience**, (2) show **patience**

Healing a broken heart requires **patience**, as it takes time to heal.

## dilemma

*n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

*synonym*: difficulty, plight, predicament

(1) chicken-and-egg **dilemma**, (2) be in a **dilemma**

The choice between bureaucracy and adhococracy represents a common **dilemma**.

## detour

*n.* a route that deviates from the main or direct one, usually taken to avoid something such as traffic or construction; a diversion from the usual or expected course of action

*synonym*: diversion, deviation, bypass

(1) **detour** sign, (2) unnecessary **detour**

We had to take a **detour because** of the road construction ahead.

## Session 2: Spelling

1. 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
2. in\_\_\_\_e life with meaning  
*v.* to fill something with a particular quality, feeling, or influence; to imbue
3. re\_\_\_\_se a used car  
*v.* to use something again for a different purpose than it was originally intended
4. sc\_\_y dream  
*adj.* causing fear or fright; frightening; intimidating
5. aerial y\_\_a  
*n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation
6. variety of ma\_\_\_\_e life  
*adj.* relating to the sea and the creatures and plants that live there
7. have ge\_\_\_\_c testing  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
8. pa\_\_\_\_t in the hospital  
*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
9. a me\_\_\_\_l opinion  
*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 1. bacteria, 2. infuse, 3. repurpose, 4. scary, 5. yoga, 6. marine, 7. genetic, 8. patient, 9. medical

10. tu\_\_r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
11. risk of ch\_\_\_\_\_c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
12. ped\_\_\_\_\_cs clinic *n.* the branch of medicine that deals with the care and treatment of children
13. suffer a se\_\_\_\_\_k *n.* an unfortunate happening that hinders or impedes; a reversal or check in progress
14. de\_\_\_r sign *n.* a route that deviates from the main or direct one, usually taken to avoid something such as traffic or construction; a diversion from the usual or expected course of action
15. do l\_\_g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
16. electromagnetic ra\_\_\_\_\_on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
17. r\_\_e of passage into adulthood *n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
18. sc\_\_\_\_\_ic plaques *adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging

ANSWERS: 10. tumor, 11. chronic, 12. pediatrics, 13. setback, 14. detour, 15. lung, 16. radiation, 17. rite, 18. sclerotic

19. re\_\_\_\_\_se an old building *v.* to use something again for a different purpose than it was originally intended
20. draw an\_\_\_\_\_y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
21. address ins\_\_\_\_\_nal constraints *adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.
22. express my ap\_\_\_\_\_al *n.* the belief that someone or something is good or acceptable
23. st\_\_\_\_\_ng innovation *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
24. 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)
25. instant gra\_\_\_\_\_ion *n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
26. de\_\_\_\_\_e my love *v.* to say, state, or announce something clearly, officially, or publicly
27. debt-to-income ra\_\_o *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
28. by a strange coi\_\_\_\_\_ce *n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way

ANSWERS: 19. repurpose, 20. analogy, 21. institutional, 22. approval, 23. striking, 24. inject, 25. gratification, 26. declare, 27. ratio, 28. coincidence

29. in\_\_\_t a computer with a virus      *v.* to affect a person, an animal, or a plant with a disease-causing organism
30. vi\_\_\_\_\_t incident      *adj.* involving or caused by physical force or aggression against someone or something
31. person's smile is inf\_\_\_\_\_us      *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
32. sc\_\_\_\_\_ic lesion      *adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging
33. na\_\_\_\_\_ly arising      *adv.* as might be expected; by natural manners
34. artificial cr\_\_\_\_\_re      *n.* a living being, especially an animal
35. an un\_\_\_\_\_d story      *adj.* not heard, listened to, or noticed; not having been brought to public attention
36. du\_\_\_\_\_e peace      *adj.* capable of lasting and being used for a long time without being damaged or destroyed
37. re\_\_\_\_\_r a loss      *v.* to return to a former condition, health, mind, or strength
38. in\_\_\_e his privacy      *v.* to enter aggressively into another's territory by military force for conquest and occupation
39. complete re\_\_\_\_\_on      *n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts

ANSWERS: 29. infect, 30. violent, 31. infectious, 32. sclerotic, 33. naturally, 34. creature, 35. unheard, 36. durable, 37. recover, 38. invade, 39. remission

40. ve\_\_\_\_\_le treasure *adj.* authentic or genuine, often used to emphasize the degree or extent of something
41. hold your br\_\_\_\_h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
42. childhood le\_\_\_\_\_ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
43. sy\_\_\_\_\_ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
44. di\_\_\_\_\_ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
45. apparently par\_\_\_\_\_al *adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true
46. an oral va\_\_\_\_\_e *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
47. a written ap\_\_\_\_\_al *n.* the belief that someone or something is good or acceptable
48. lab\_\_\_\_\_ry accident *n.* a workplace for doing scientific research or teaching science; a lab

ANSWERS: 40. veritable, 41. breath, 42. leukemia, 43. synthetic, 44. dissolve, 45. paradoxical, 46. vaccine, 47. approval, 48. laboratory

49. even more unf\_\_\_\_\_ely      *adv.* by bad luck; unluckily
50. 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
51. absolutely fa\_\_\_\_\_ic event      *adj.* extremely good; excellent
52. a prodigious vi\_\_\_\_\_n      *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
53. acute co\_\_\_\_\_s      *n.* inflammation of the colon; a condition that results in diarrhea, abdominal pain, and cramping
54. against tr\_\_\_\_\_on      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
55. an epidemic outbreak of in\_\_\_\_\_za      *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
56. li\_\_r disease      *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
57. chicken-and-egg di\_\_\_\_\_a      *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
58. plant pa\_\_\_\_\_en      *n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 49. unfortunately, 50. discovery, 51. fantastic, 52. vision, 53. colitis, 54. tradition, 55. influenza, 56. liver, 57. dilemma, 58. pathogen



59. an artificial ki\_\_\_y                      *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
60. field of gene th\_\_\_\_\_y                *n.* the act of caring for someone through medication, remedial training, etc.
61. de\_\_\_e centigrade                        *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
62. ef\_\_\_\_\_nt operation                    *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
63. a strain of vi\_\_\_s                         *n.* a tiny infectious organic material that causes disease in people, animals, and plants
64. co\_\_\_\_\_m a transaction                *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
65. three-fourths of a po\_\_d                 *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
66. childhood ly\_\_\_\_\_ma                    *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
67. te\_\_\_\_\_al disease                        *n.* a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route

ANSWERS: 59. kidney, 60. therapy, 61. degree, 62. efficient, 63. virus, 64. confirm, 65. pound, 66. lymphoma, 67. terminal

68. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
69. 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
70. trigger a 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
71. du\_\_\_\_e materials *adj.* capable of lasting and being used for a long time without being damaged or destroyed
72. dis\_\_\_\_\_nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
73. lie co\_\_\_\_se on the floor *adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)
74. an imp\_\_\_\_\_ve array of facts *adj.* arousing admiration due to size, quality, or skill
75. an id\_\_\_\_\_al equation *adj.* being the exact same one
76. in\_\_\_e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue
77. im\_\_\_\_e a process *v.* to make or become better
78. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
79. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 68. lab, 69. immune, 70. reaction, 71. durable, 72. disappoint, 73. comatose, 74. impressive, 75. identical, 76. infuse, 77. improve, 78. norm, 79. biology

80. produce an\_\_\_\_dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
81. ov\_\_\_\_\_ht parking *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
82. ex\_\_\_\_\_e the data studiously *v.* to study or consider a person or object attentively and thoroughly to learn something about them
83. pu\_\_h a ticket *v.* to strike someone or something with one's fist; to make a hole in something
84. rise nearly hun\_\_\_\_\_ld *adj.* a hundred times as great or as much
85. incredible th\_\_\_\_l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
86. the advice of the ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
87. spread of the vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
88. border pa\_\_\_\_l *n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation
89. huge military bu\_\_\_\_\_p *n.* the accumulation or increase of something over time

ANSWERS: 80. antibody, 81. overnight, 82. examine, 83. punch, 84. hundredfold, 85. thrill, 86. physician, 87. virus, 88. patrol, 89. buildup

90. lactic acid bu\_\_\_\_p *n.* the accumulation or increase of something over time
91. cellular re\_\_\_\_or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
92. chronic co\_\_\_\_s *n.* inflammation of the colon; a condition that results in diarrhea, abdominal pain, and cramping
93. 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
94. cr\_\_\_\_re of habit *n.* a living being, especially an animal
95. co\_\_\_\_y rodeo *n.* a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle
96. 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)
97. scientific jo\_\_\_\_l *n.* a newspaper or magazine specialized in a specific topic or profession
98. unnecessary de\_\_\_\_r *n.* a route that deviates from the main or direct one, usually taken to avoid something such as traffic or construction; a diversion from the usual or expected course of action

ANSWERS: 90. buildup, 91. receptor, 92. colitis, 93. disease, 94. creature, 95. cowboy, 96. inject, 97. journal, 98. detour

99. th\_\_\_\_y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
100. mu\_\_\_\_ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
101. insulin aut\_\_\_\_\_ne syndrome *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
102. af\_\_\_\_\_t the economy *v.* to cause pain, suffering, or distress to someone or something
103. ins\_\_\_\_\_nal bank *adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.
104. ce\_\_\_\_\_al cancer *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
105. unf\_\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily
106. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
107. st\_\_\_e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
108. a t\_\_n-lens camera *n.* either of two children born at the same time from the same mother
109. mu\_\_\_\_ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

ANSWERS: 99. therapy, 100. multiply, 101. autoimmune, 102. afflict, 103. institutional, 104. cervical, 105. unfortunately, 106. lab, 107. strike, 108. twin, 109. multiply

110. as\_\_\_ts of social, political, and economic life      *n.* one part or feature of a situation, problem, subject, etc.
111. tr\_\_\_\_\_er a file      *v.* to move, pass, or change from one person, place, or situation to another
112. test my pa\_\_\_\_\_ce      *n.* the ability to remain calm and composed in the face of adversity, delay, or frustration; the capacity to tolerate or endure difficult or unpleasant situations without becoming upset or angry
113. me\_\_\_\_\_al chemistry      *adj.* of or relating to the treatment or cure of disease
114. liquid bi\_\_\_\_y      *n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
115. cultural n\_\_m      *n.* something that is regarded as usual, typical, or standard
116. nontechnical as\_\_\_ts of the job      *n.* one part or feature of a situation, problem, subject, etc.
117. 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
118. in\_\_\_\_\_le patient      *adj.* not able to be cured, healed, or remedied; beyond recovery or redemption
119. a t\_\_n room      *n.* either of two children born at the same time from the same mother

ANSWERS: 110. aspect, 111. transfer, 112. patience, 113. medicinal, 114. biopsy, 115. norm, 116. aspect, 117. immune, 118. incurable, 119. twin

120. the pa\_\_\_\_en in the air *n.* a bacterium, virus, or other microorganism that causes disease
121. acute le\_\_\_\_ia *n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
122. develop software more eff\_\_\_\_ly *adv.* in a way that produces maximum output with minimum effort or expense
123. toc\_\_\_\_ab treatment *n.* a medication used to treat inflammatory conditions such as rheumatoid arthritis, giant cell arteritis, and cytokine release syndrome
124. treat the in\_\_\_\_on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
125. 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
126. resolve without com\_\_\_\_ion *n.* something that makes a situation or condition that is complex or confused
127. a gr\_\_\_\_ul breeze *adj.* feeling or showing an appreciation of kindness; thankful
128. the runner's p\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 120. pathogen, 121. leukemia, 122. efficiently, 123. tocilizumab, 124. infection, 125. function, 126. complication, 127. grateful, 128. pace

129. 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
130. ca\_\_\_r diagnosis      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
131. imp\_\_\_\_\_ion on stage      *n.* the act of making something up on the spot or creating or performing something without preparation
132. in\_\_\_\_\_on pump      *n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
133. Se\_\_\_\_\_t Bearer      *n.* a large snake
134. tw\_\_t around to the left      *v.* to bend or turn something into a certain shape
135. er\_\_\_\_\_te racial discrimination      *v.* to get rid of or destroy something completely, especially something bad
136. temporary me\_\_\_\_\_l treatment      *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
137. pe\_\_\_t application      *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
138. be in a di\_\_\_\_\_a      *n.* a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones

ANSWERS: 129. recognize, 130. cancer, 131. improvisation, 132. infusion, 133. serpent, 134. twist, 135. eradicate, 136. medical, 137. permit, 138. dilemma



139. di\_\_\_e the cake into two pieces      *v.* to separate or cause to separate into parts or groups
140. sc\_\_y story      *adj.* causing fear or fright; frightening; intimidating
141. de\_\_\_e on a course of action      *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
142. on\_\_\_\_\_nd transportation      *adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
143. major se\_\_\_\_\_k      *n.* an unfortunate happening that hinders or impedes; a reversal or check in progress
144. ma\_\_\_e insurance      *adj.* relating to the sea and the creatures and plants that live there
145. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
146. aut\_\_\_\_\_ne disorder      *adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
147. re\_\_\_\_\_or for HIV in humans      *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
148. 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

ANSWERS: 139. divide, 140. scary, 141. decide, 142. on-demand, 143. setback, 144.

marine, 145. engineer, 146. autoimmune, 147. receptor, 148. function

149. 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
150. di\_\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
151. cu\_\_\_\_\_ve treatment *adj.* having the power to cure or heal; relating to or intended for medical treatment or healing
152. ap\_\_\_\_\_e a measures *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
153. ch\_\_\_\_\_c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
154. exposure to ra\_\_\_\_\_on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
155. in\_\_\_t a graphic *v.* to put something inside something else
156. critical m\_\_s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
157. jazz imp\_\_\_\_\_ion *n.* the act of making something up on the spot or creating or performing something without preparation
158. re\_\_\_\_\_r approval ratings *v.* to return to a former condition, health, mind, or strength

ANSWERS: 149. protein, 150. diagnose, 151. curative, 152. approve, 153. chronic, 154. radiation, 155. insert, 156. mass, 157. improvisation, 158. recover

159. a te\_\_\_\_al syllable *n.* a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route
160. ref\_\_\_\_\_ry anemia *adj.* stubbornly resistant to authority or control; difficult or impossible to manage, control, or work with; resistant to heat or chemically resistant, particularly when referring to materials or substances
161. a casting m\_\_d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
162. a ve\_\_\_\_\_le explosion of colors *adj.* authentic or genuine, often used to emphasize the degree or extent of something
163. imp\_\_\_\_\_ve performances *adj.* arousing admiration due to size, quality, or skill
164. work pe\_\_\_\_t *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
165. officially di\_\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
166. en\_\_\_l at a college *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service

ANSWERS: 159. terminal, 160. refractory, 161. mold, 162. veritable, 163. impressive, 164. permit, 165. dissolve, 166. enroll

167. show pa\_\_\_\_ce *n.* the ability to remain calm and composed in the face of adversity, delay, or frustration; the capacity to tolerate or endure difficult or unpleasant situations without becoming upset or angry
168. de\_\_\_\_e independence *v.* to say, state, or announce something clearly, officially, or publicly
169. acc\_\_\_\_ing equipment *adj.* being in a position next to or near something or someone
170. enlarged sp\_\_\_\_n *n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
171. br\_\_\_\_h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
172. consult with a ph\_\_\_\_an *n.* a medical doctor who practices medicine
173. in\_\_\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
174. rem\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
175. su\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
176. af\_\_\_\_t with the plague *v.* to cause pain, suffering, or distress to someone or something
177. a bacterial in\_\_\_\_on *n.* a condition in which pathogenic microorganisms or viruses have entered the body

ANSWERS: 167. patience, 168. declare, 169. accompanying, 170. spleen, 171. breath, 172. physician, 173. infect, 174. remarkable, 175. survive, 176. afflict, 177. infection

178. at your own p\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
179. clinical re\_\_\_\_\_on *n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts
180. chronic ki\_\_\_y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
181. pu\_\_h out numbers *v.* to strike someone or something with one's fist; to make a hole in something
182. pr\_\_\_\_\_y viral DNA *n.* the descendants or offspring of a person, animal, or plant
183. sy\_\_\_\_\_ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
184. l\_\_g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
185. pa\_\_\_l car *n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation
186. historical an\_\_\_\_\_y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

ANSWERS: 178. pace, 179. remission, 180. kidney, 181. punch, 182. progeny, 183. synthetic, 184. lung, 185. patrol, 186. analogy

187. viral an\_\_\_\_n                    *n.* a substance that triggers the body's immune response (= the reaction for fighting infections) for defending the body, especially by producing antibodies (= proteins that identify and attack harmful bacteria, viruses, etc.)
188. non-hodgkin ly\_\_\_\_ma            *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
189. in\_\_\_\_t coin                    *v.* to put something inside something else
190. get in\_\_\_\_t access                *adj.* happening immediately, with no delay
191. cal\_\_\_\_ed bankruptcy            *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance
192. ce\_\_\_\_al spine                    *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
193. telescopic vi\_\_\_\_n                *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
194. sp\_\_\_\_n function                *n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
195. army se\_\_\_\_nt                    *n.* a rank of non-commissioned officer in the armed forces, typically above corporal but below staff sergeant or sergeant first class

ANSWERS: 187. antigen, 188. lymphoma, 189. insert, 190. instant, 191. calculated, 192. cervical, 193. vision, 194. spleen, 195. sergeant







217. che\_\_\_\_\_apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
218. lym\_\_\_\_\_te depletion *n.* a type of white blood cell that plays a role in the immune system's response to infection and disease
219. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
220. 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
221. st\_\_\_\_\_ng evidence *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
222. adv\_\_\_\_\_nt of knowledge *n.* the development, improvement, or progress of something
223. thousands of po\_\_ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
224. activated lym\_\_\_\_\_te *n.* a type of white blood cell that plays a role in the immune system's response to infection and disease
225. co\_\_\_\_\_e chemically with another substance *v.* to join or merge to form a single thing or group

ANSWERS: 217. chemotherapy, 218. lymphocyte, 219. mass, 220. bind, 221. striking, 222. advancement, 223. pound, 224. lymphocyte, 225. combine

226. co\_\_\_\_m the diagnosis  
*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
227. m\_\_t the ice  
*v.* to turn from something solid into something soft or liquid as a result of heating
228. victim of a vi\_\_\_\_t crime  
*adj.* involving or caused by physical force or aggression against someone or something
229. ra\_\_o of boys to girls  
*n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
230. app\_\_\_\_\_ely 3 feet long  
*adv.* close to a specific number or time but not exactly that number or time
231. 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
232. re\_\_\_e voluntarily  
*v.* to withdraw from one's position or occupation, especially because of age
233. na\_\_\_\_\_ly regenerated forest  
*adv.* as might be expected; by natural manners
234. evolutionary bi\_\_\_\_y  
*n.* the scientific study of life and the natural processes of living things
235. 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

ANSWERS: 226. confirm, 227. melt, 228. violent, 229. ratio, 230. approximately, 231. disease, 232. retire, 233. naturally, 234. biology, 235. bacteria

236. a digital pl\_\_\_\_\_rm for enterprise      *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
237. administer toc\_\_\_\_\_ab      *n.* a medication used to treat inflammatory conditions such as rheumatoid arthritis, giant cell arteritis, and cytokine release syndrome
238. unanimously ap\_\_\_\_\_e a resolution      *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
239. the th\_\_\_\_l of speed      *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
240. di\_\_\_\_e money equally      *v.* to separate or cause to separate into parts or groups
241. per\_\_\_\_\_nt cough      *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
242. a tr\_\_\_\_\_on of a culture      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
243. af\_\_\_\_d to buy a new car      *v.* to have enough money or time to be able to buy or do something
244. in\_\_\_\_\_za B strain      *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 236. platform, 237. tocilizumab, 238. approve, 239. thrill, 240. divide, 241. persistent, 242. tradition, 243. afford, 244. influenza

245. the feathered se\_\_\_\_\_t god                      *n.* a large snake
246. sup\_\_\_\_\_ge economic growth                      *v.* to increase the power or energy of something
247. pa\_\_\_\_\_t with weight loss                      *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
248. ancient my\_\_\_\_\_gy                      *n.* a collection of myths (= traditional stories accepted as history) or the study of myths
249. pre-mo\_\_\_\_\_n agricultural society                      *adj.* of or belonging to the present time or recent times
250. a cy\_\_\_\_\_ne production                      *n.* any of various protein molecules produced by cells of the immune system that serve to regulate the immune system
251. a fa\_\_\_\_\_ic dress                      *adj.* extremely good; excellent
252. an arrival pl\_\_\_\_\_rm                      *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
253. app\_\_\_\_\_ely same                      *adv.* close to a specific number or time but not exactly that number or time
254. m\_\_d allergy                      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 245. serpent, 246. supercharge, 247. patient, 248. mythology, 249. modern, 250. cytokine, 251. fantastic, 252. platform, 253. approximately, 254. mold



264. ov\_\_\_\_\_ht success *adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
265. put a gr\_\_\_\_\_ul expression *adj.* feeling or showing an appreciation of kindness; thankful
266. in\_\_\_\_e other tissues *v.* to enter aggressively into another's territory by military force for conquest and occupation
267. st\_\_\_\_e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
268. mo\_\_\_\_n poetry *adj.* of or belonging to the present time or recent times
269. per\_\_\_\_\_nt data *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
270. bio\_\_\_\_\_or engineering *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
271. 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
272. di\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 264. overnight, 265. grateful, 266. invade, 267. strike, 268. modern, 269. persistent, 270. bioreactor, 271. develop, 272. diagnose

273. el\_\_\_\_e a close relationship      *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
274. ac\_\_e triangle      *adj.* extremely sharp or severe
275. symptoms of ar\_\_\_\_\_is      *n.* inflammation of one or more joints of the body, which include pain and stiffness
276. ev\_\_\_e      *v.* to develop gradually, or to cause the development of something or someone gradually
277. don't dis\_\_\_\_\_nt me      *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
278. sy\_\_\_\_\_me of dementia      *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
279. a par\_\_\_\_\_al anecdote      *adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true
280. met\_\_\_\_\_sm enzyme      *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
281. sup\_\_\_\_\_ge the battery      *v.* to increase the power or energy of something
282. in\_\_\_\_\_le romantic      *adj.* not able to be cured, healed, or remedied; beyond recovery or redemption
283. a ro\_\_\_t appetite      *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

ANSWERS: 273. elevate, 274. acute, 275. arthritis, 276. evolve, 277. disappoint, 278. syndrome, 279. paradoxical, 280. metabolism, 281. supercharge, 282. incurable, 283. robust



284. the ma\_\_\_w of a speech *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
285. anaerobic bio\_\_\_\_\_or *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
286. ref\_\_\_\_\_ry period *adj.* stubbornly resistant to authority or control; difficult or impossible to manage, control, or work with; resistant to heat or chemically resistant, particularly when referring to materials or substances
287. de\_\_\_d my country *v.* to protect someone or something from attack, criticism, danger, etc.
288. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
289. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
290. an inf\_\_\_\_\_us fever *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
291. official sta\_\_\_\_\_cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
292. bachelor's de\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 284. marrow, 285. bioreactor, 286. refractory, 287. defend, 288. industrious, 289. statistics, 290. infectious, 291. statistics, 292. degree

293. 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
294. acute sy\_\_\_\_\_me  
*n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
295. a ge\_\_\_\_\_c disorder  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
296. on\_\_\_\_\_nd delivery  
*adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
297. energy-ef\_\_\_\_\_nt appliances  
*adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
298. co\_\_\_\_\_e augmented reality  
*v.* to join or merge to form a single thing or group
299. fatty li\_\_r  
*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
300. ind\_\_\_\_\_us worker  
*adj.* hardworking, diligent, and persistent in effort
301. major pa\_\_\_\_\_gm shift  
*n.* a standard or typical example of something; a pattern or model
302. af\_\_\_d a high travel cost  
*v.* to have enough money or time to be able to buy or do something

ANSWERS: 293. precedent, 294. syndrome, 295. genetic, 296. on-demand, 297. efficient, 298. combine, 299. liver, 300. industrious, 301. paradigm, 302. afford

303. ro\_\_\_t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
304. 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
305. st\_\_\_\_d abuse *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
306. chemical ad\_\_\_\_on *n.* the act or process of adding something to something else; the process of adding numbers
307. 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
308. a star of the first ma\_\_\_\_de *n.* the extent, level, importance, or amount of something
309. ad\_\_\_\_on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
310. cy\_\_\_\_ne receptor *n.* any of various protein molecules produced by cells of the immune system that serve to regulate the immune system
311. hemoglobin met\_\_\_\_sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

ANSWERS: 303. robust, 304. reaction, 305. steroid, 306. addition, 307. precedent, 308. magnitude, 309. addition, 310. cytokine, 311. metabolism

312. jo\_\_\_\_\_l articles *n.* a newspaper or magazine specialized in a specific topic or profession
313. su\_\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
314. ad\_\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
315. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
316. 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
317. ex\_\_\_\_\_e the issue *v.* to study or consider a person or object attentively and thoroughly to learn something about them
318. tr\_\_\_\_\_er power *v.* to move, pass, or change from one person, place, or situation to another
319. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
320. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
321. anthropology lab\_\_\_\_\_ry *n.* a workplace for doing scientific research or teaching science; a lab
322. police se\_\_\_\_\_nt *n.* a rank of non-commissioned officer in the armed forces, typically above corporal but below staff sergeant or sergeant first class

ANSWERS: 312. journal, 313. survive, 314. advance, 315. engineer, 316. protein, 317. examine, 318. transfer, 319. evolve, 320. advance, 321. laboratory, 322. sergeant

323. co\_\_\_y boots *n.* a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle
324. ph\_\_\_\_\_cy chain *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
325. fo\_\_\_\_\_te situation *adj.* having good luck or lucky
326. aesthetic gra\_\_\_\_\_ion *n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
327. in\_\_\_\_\_on therapy *n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
328. less fo\_\_\_\_\_te person *adj.* having good luck or lucky
329. perform the r\_\_e *n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
330. career adv\_\_\_\_\_nt *n.* the development, improvement, or progress of something
331. ac\_\_e pain *adj.* extremely sharp or severe
332. eff\_\_\_\_\_ly combined *adv.* in a way that produces maximum output with minimum effort or expense
333. a st\_\_\_\_\_d hormone *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

ANSWERS: 323. cowboy, 324. pharmacy, 325. fortunate, 326. gratification, 327. infusion, 328. fortunate, 329. rite, 330. advancement, 331. acute, 332. efficiently, 333. steroid

334. er\_\_\_\_\_te the deficit      *v.* to get rid of or destroy something completely, especially something bad
335. ch\_\_\_\_\_a mouse      *n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
336. cultural pa\_\_\_\_\_gm      *n.* a standard or typical example of something; a pattern or model
337. 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
338. re\_\_\_e after four terms      *v.* to withdraw from one's position or occupation, especially because of age
339. interspecies ch\_\_\_\_\_a      *n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
340. re\_\_\_\_\_e a prisoner      *v.* to set free or allow to escape from confinement
341. ca\_\_\_r research      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
342. fall into a co\_\_\_\_\_se state      *adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)
343. y\_\_a teacher      *n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation

ANSWERS: 334. eradicate, 335. chimera, 336. paradigm, 337. recognize, 338. retire, 339. chimera, 340. release, 341. cancer, 342. comatose, 343. yoga

344. en\_\_\_l in a school *v.* to officially register or sign up for something, particularly a course of study, an organization, or a service
345. vegetable ma\_\_\_w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
346. ped\_\_\_\_\_cs department *n.* the branch of medicine that deals with the care and treatment of children
347. tu\_\_r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
348. tw\_\_t a wet towel *v.* to bend or turn something into a certain shape
349. acc\_\_\_\_\_ing documents *adj.* being in a position next to or near something or someone
350. cal\_\_\_\_\_ed crime *adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

ANSWERS: 344. enroll, 345. marrow, 346. pediatrics, 347. tumor, 348. twist, 349. accompanying, 350. calculated

## Session 3: Fill in the Blanks

1. The teacher will not \_\_\_\_\_ any students to leave the classroom early.
  - v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
  
2. Eating food in a hurry \_\_\_\_\_ blood glucose levels.
  - v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
  
3. My aunt was diagnosed with \_\_\_\_\_ and is undergoing chemotherapy.
  - n. a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
  
4. The \_\_\_\_\_ will repair my telephone tomorrow morning.
  - n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
  
5. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.
  - v. to go or move forward; to develop in a positive way
  
6. International law allows each nation to \_\_\_\_\_ itself when its rights and interests are illegally violated.
  - v. to protect someone or something from attack, criticism, danger, etc.
  
7. \_\_\_\_\_ a number by itself twice.
  - v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

ANSWERS: 1. permit, 2. elevates, 3. lymphoma, 4. engineer, 5. advance, 6. defend, 7. Multiply



8. We want to \_\_\_\_\_ ties between our two countries.

*v.* to make or become better

9. 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

10. Despite the setbacks, he remained \_\_\_\_\_ in his pursuit of his dreams.

*adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

11. Can you \_\_\_\_\_ 123321 by eleven?

*v.* to separate or cause to separate into parts or groups

12. Hay fever occurs when a substance called histamine binds to \_\_\_\_\_ in the nose and eyes.

*n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

13. Competition between countries resulted in fast technological \_\_\_\_\_.

*n.* the development, improvement, or progress of something

14. She is a \_\_\_\_\_ expert on the subject and has published many papers.

*adj.* authentic or genuine, often used to emphasize the degree or extent of something

15. \_\_\_\_\_ diamonds play an essential role as machine tool blades.

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

ANSWERS: 8. improve, 9. recognize, 10. persistent, 11. divide, 12. receptors, 13. advancement, 14. veritable, 15. Synthetic

16. Better sleep leads to increased \_\_\_\_\_.
- n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
17. I need to go to the hospital \_\_\_\_\_ to pick up my prescription.
- n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
18. 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
19. The bishop performed the \_\_\_\_\_ of consecration for the new church.
- n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
20. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.
- n.* a workplace for doing scientific research or teaching science; a lab
21. She visited the local \_\_\_\_\_ to seek treatment for her persistent headache.
- n.* a medical doctor who practices medicine
22. Skydiving is an overwhelming \_\_\_\_\_ for many people.
- n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
23. He \_\_\_\_\_ pieces of rope out of straw.
- v.* to bend or turn something into a certain shape
24. We had to take a \_\_\_\_\_ of the road construction ahead.
- n.* a route that deviates from the main or direct one, usually taken to avoid something such as traffic or construction; a diversion from the usual or expected course of action

ANSWERS: 16. metabolism, 17. pharmacy, 18. precedents, 19. rite, 20. laboratory, 21. physician, 22. thrill, 23. twisted, 24. detour because

25. She worked very hard not to \_\_\_\_\_ her boss's expectations.
- v. to fail to meet someone or their hopes or expectations; to make someone feel sad
26. 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
27. Initially, we must \_\_\_\_\_ all project-related expenses.
- v. to study or consider a person or object attentively and thoroughly to learn something about them
28. The horror movie was so \_\_\_\_\_ that I couldn't watch it alone.
- adj. causing fear or fright; frightening; intimidating
29. She \_\_\_\_\_ the money from her savings account to her checking account.
- v. to move, pass, or change from one person, place, or situation to another
30. The choice between bureaucracy and adhococracy represents a common \_\_\_\_\_.
- n. a situation in which a difficult choice has to be made between two or more options, especially that are equally unfavorable ones
31. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.
- v. to set free or allow to escape from confinement
32. He created a beautiful piece of music using only \_\_\_\_\_.
- n. the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 25. disappoint, 26. develop, 27. examine, 28. scary, 29. transferred, 30. dilemma, 31. release, 32. improvisation

33. The political party \_\_\_\_\_ after much internal fighting.
- v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
34. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
35. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.
36. The \_\_\_\_\_ of completing a difficult task is a great feeling.
- n.* the feeling of being pleased or satisfied as a result of achieving something or having something you want
37. This device is used to \_\_\_\_\_ brain cancer and other tumors.
- v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
38. The physician is reading the \_\_\_\_\_ related to medicine
- n.* a newspaper or magazine specialized in a specific topic or profession
39. Its \_\_\_\_\_ brothers are difficult to tell apart except for their parents.
- n.* either of two children born at the same time from the same mother
40. Ulcerative \_\_\_\_\_ is an inflammatory bowel disease that can cause severe discomfort and requires long-term management.
- n.* inflammation of the colon; a condition that results in diarrhea, abdominal pain, and cramping

ANSWERS: 33. dissolved, 34. liver, 35. therapy, 36. gratification, 37. diagnose, 38. journals, 39. twin, 40. colitis

41. \_\_\_\_\_ hyperglycemia is a trigger for a variety of serious diseases.  
*adj.* being long-lasting and recurrent or characterized by long suffering; habitual
42. Their headquarters are in a \_\_\_\_\_ skyscraper.  
*adj.* of or belonging to the present time or recent times
43. Immunotherapy is a cancer treatment that uses the patient's T-\_\_\_\_\_ to attack cancer cells.  
*n.* a type of white blood cell that plays a role in the immune system's response to infection and disease
44. We have to discuss the \_\_\_\_\_ reforms of our country.  
*adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.
45. 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
46. That mythical chimera has a lion's body, a bird's wings, and a \_\_\_\_\_ tail.  
*n.* a large snake
47. The patient experienced \_\_\_\_\_ side effects which included dizziness and headaches.  
*n.* a medication used to treat inflammatory conditions such as rheumatoid arthritis, giant cell arteritis, and cytokine release syndrome
48. The election was a \_\_\_\_\_ success for the Whigs.  
*adj.* worthy of attention because unusual or special

ANSWERS: 41. Chronic, 42. modern, 43. lymphocytes, 44. institutional, 45. virus, 46. serpent's, 47. tocilizumab, 48. remarkable

49. They \_\_\_\_\_ the engine to get more power.

*v.* to increase the power or energy of something

50. Our company's products are made of highly \_\_\_\_\_ materials.

*adj.* capable of lasting and being used for a long time without being damaged or destroyed

51. 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

52. Her resistance \_\_\_\_\_ under his persuasion.

*v.* to turn from something solid into something soft or liquid as a result of heating

53. This project took a lot of time to get the president's \_\_\_\_\_.

*n.* the belief that someone or something is good or acceptable

54. The \_\_\_\_\_ music was soothing and added to the ambiance.

*adj.* being in a position next to or near something or someone

55. 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

56. Animal \_\_\_\_\_ are created by combining multiple fertilized eggs.

*n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

57. Hydrogen and oxygen \_\_\_\_\_ to form water.

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

ANSWERS: 49. supercharged, 50. durable, 51. immune, 52. melted, 53. approval, 54. accompanying, 55. protein, 56. chimeras, 57. combine

58. He was \_\_\_\_\_ gifted.

*adv.* as might be expected; by natural manners

59. Healing a broken heart requires \_\_\_\_\_ as it takes time to heal.

*n.* the ability to remain calm and composed in the face of adversity, delay, or frustration; the capacity to tolerate or endure difficult or unpleasant situations without becoming upset or angry

60. We \_\_\_\_\_ to achieve more wages and safer working conditions.

*v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

61. The speaker mounted the \_\_\_\_\_ and started to speak.

*n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

62. Some \_\_\_\_\_ are banned for use by athletes because of their muscle-building effects.

*n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

63. The two plays have many \_\_\_\_\_ parallels.

*adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

64. The company made a \_\_\_\_\_ decision to invest in new technology.

*adj.* done with careful thought or planning; deliberate and intentional; based on a process of reasoning or estimation rather than on instinct or chance

ANSWERS: 58. naturally, 59. patience, 60. strike, 61. platform, 62. steroids, 63. striking, 64. calculated

65. He bated his \_\_\_\_\_ when talking about this affair.  
*n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
66. The nurse prepared an \_\_\_\_\_ of pain medication for the patient.  
*n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
67. 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
68. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
69. The team experienced a \_\_\_\_\_ when their star player was injured during the game.  
*n.* an unfortunate happening that hinders or impedes; a reversal or check in progress
70. Please write to \_\_\_\_\_ your reservation.  
*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
71. The development team reported two \_\_\_\_\_ increases in performance.  
*adj.* a hundred times as great or as much
72. Breast \_\_\_\_\_ is the most common type of cancer in women.  
*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 65. breath, 66. infusion, 67. genetic, 68. industrious, 69. setback, 70. confirm, 71. hundredfold, 72. cancer



73. She is still \_\_\_\_\_ from a shot to her shoulder.

*v.* to return to a former condition, health, mind, or strength

74. I have no intention to \_\_\_\_\_ your privacy.

*v.* to enter aggressively into another's territory by military force for conquest and occupation

75. He studies Greek and Roman \_\_\_\_\_.

*n.* a collection of myths (= traditional stories accepted as history) or the study of myths

76. The doctors revived the \_\_\_\_\_ patient.

*adj.* relating to, associated with, or in a coma (= a state of deep and often prolonged unconsciousness)

77. The doctor explained that the pain in her abdomen was caused by \_\_\_\_\_ inflammation.

*n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration

78. These birds can only \_\_\_\_\_ in temperate climates.

*v.* to live or exist despite a dangerous event or period

79. Eyeless fish \_\_\_\_\_ in dark caves.

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

80. He has terminal \_\_\_\_\_ cancer.

*n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 73. recovering, 74. invade, 75. mythology, 76. comatose, 77. spleen, 78. survive, 79. evolved, 80. lung

81. He also continued to struggle with serious long-term \_\_\_\_\_.
- n.* something that makes a situation or condition that is complex or confused
82. The patient was diagnosed with a rare genetic \_\_\_\_\_.
- n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
83. 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
84. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n.* a bacterium, virus, or other microorganism that causes disease
85. I am studying \_\_\_\_\_ in medical school because I love working with children.
- n.* the branch of medicine that deals with the care and treatment of children
86. He tried every possible treatment, including chemotherapy and \_\_\_\_\_ therapy.
- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
87. Foreign goods from abroad must be \_\_\_\_\_ to customs when entering a country.
- v.* to say, state, or announce something clearly, officially, or publicly
88. Seals and whales are \_\_\_\_\_ animals beloved by the people.
- adj.* relating to the sea and the creatures and plants that live there

ANSWERS: 81. complications, 82. syndrome, 83. reaction, 84. pathogens, 85. pediatrics, 86. radiation, 87. declared, 88. marine

89. The \_\_\_\_\_ of the earthquake was measured at 7.8 on the Richter scale.  
*n.* the extent, level, importance, or amount of something
90. The car's front bumper cost fifteen hundred \_\_\_\_\_.  
*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
91. My rheumatoid \_\_\_\_\_ is acting up again.  
*n.* inflammation of one or more joints of the body, which include pain and stiffness
92. The \_\_\_\_\_ package delivery arrived at my door this morning.  
*adj.* lasting for or occurring during one night; occurring or changing extremely quickly or suddenly; happening or being achieved in a short amount of time
93. The budget reduction was an \_\_\_\_\_ feat for our nation.  
*adj.* arousing admiration due to size, quality, or skill
94. 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
95. The treatments were done but, \_\_\_\_\_ were unsuccessful.  
*adv.* by bad luck; unluckily
96. The \_\_\_\_\_ of water to sugar in the recipe is 1:2.  
*n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
97. The doctor performed an excisional breast \_\_\_\_\_.  
*n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

ANSWERS: 89. magnitude, 90. pounds, 91. arthritis, 92. overnight, 93. impressive, 94. biology, 95. unfortunately, 96. ratio, 97. biopsy

98. His pleasant face turned cold in an \_\_\_\_\_.

*adj.* happening immediately, with no delay

99. The scientists optimized the conditions in the \_\_\_\_\_ to increase the yield of the desired product.

*n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes

100. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.

*adj.* of or relating to the treatment or cure of disease

101. 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.

102. I need to \_\_\_\_\_ in a cooking class to improve my culinary skills.

*v.* to officially register or sign up for something, particularly a course of study, an organization, or a service

103. He cannot \_\_\_\_\_ a holiday.

*v.* to have enough money or time to be able to buy or do something

104. The disease can \_\_\_\_\_ both humans and animals.

*v.* to cause pain, suffering, or distress to someone or something

105. This pharmaceutical company is developing \_\_\_\_\_ drugs with fewer side effects.

*n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

ANSWERS: 98. instant, 99. bioreactor, 100. medicinal, 101. approve, 102. enroll, 103. afford, 104. afflict, 105. antibody

106. The mRNA \_\_\_\_\_ was approved in less than a year because it did not contain the fragments of the target virus.
- n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
107. 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
108. The presence of certain substances triggered the \_\_\_\_\_ response.
- adj.* relating to a condition in which the body's immune system attacks and destroys healthy body tissue, mistaking it for harmful foreign substances
109. 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
110. Many consumers prefer \_\_\_\_\_ streaming services over traditional cable TV.
- adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
111. The old barn was \_\_\_\_\_ into a modern event space.
- v.* to use something again for a different purpose than it was originally intended
112. The \_\_\_\_\_ hat she wore added to her rugged and tough look.
- n.* a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle

ANSWERS: 106. vaccine, 107. function, 108. autoimmune, 109. bind, 110. on-demand, 111. repurposed, 112. cowboy

113. The \_\_\_\_\_ arteries in his legs made it difficult for him to walk long distances.

*adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging

114. The \_\_\_\_\_ team worked quickly to save the patient's life.

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

115. The new amusement park ride was \_\_\_\_\_ with twists, turns, and drops that left riders screaming with excitement.

*adj.* extremely good; excellent

116. The product is still in the \_\_\_\_\_ stage.

*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

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

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

118. He \_\_\_\_\_ the wall in anger.

*v.* to strike someone or something with one's fist; to make a hole in something

119. Infant formulas are nutritionally almost \_\_\_\_\_ to a mother's breast milk.

*adj.* being the exact same one

120. The \_\_\_\_\_ at the airport is where passengers catch their flights.

*n.* a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route

ANSWERS: 113. sclerotic, 114. medical, 115. fantastic, 116. experimental, 117. norms, 118. punched, 119. identical, 120. terminal

121. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
122. The economy is growing at a supercharged \_\_\_\_\_.
- n.* the speed at which someone or something moves, or the rate at which something happens or changes
123. Some kinds of machine learning models show an \_\_\_\_\_ to how people learn.
- n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
124. The experiment yielded \_\_\_\_\_ results that support his theory.
- adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
125. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
126. He was pretty \_\_\_\_\_ to pass the exam.
- adj.* having good luck or lucky
127. He postulated a completely different \_\_\_\_\_ to explain all these phenomena.
- n.* a standard or typical example of something; a pattern or model
128. She \_\_\_\_\_ a new chapter into her manuscript.
- v.* to put something inside something else

ANSWERS: 121. infections, 122. pace, 123. analogy, 124. robust, 125. decide, 126. fortunate, 127. paradigm, 128. inserted

129. 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
130. The soup was made with bone \_\_\_\_\_ giving it a rich and savory flavor.
- n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
131. The surgeon removed the healthy \_\_\_\_\_ from the donor.
- n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
132. it is \_\_\_\_\_ that the French, who prefer animal foods, live longer than people in other countries.
- adj.* seemingly contradictory or absurd because of having two opposite features or facts, though it is probably true
133. The cancer patient was delighted to hear that their disease was in \_\_\_\_\_.
- n.* a period of time when a disease or condition is no longer present or active; a lessening or reduction of symptoms or intensity; forgiveness or pardon for sins or debts
134. His professional experience includes all \_\_\_\_\_ of media production.
- n.* one part or feature of a situation, problem, subject, etc.
135. In \_\_\_\_\_ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
136. The royal family has much \_\_\_\_\_ scattered across the globe.
- n.* the descendants or offspring of a person, animal, or plant

ANSWERS: 129. discovery, 130. marrow, 131. kidney, 132. paradoxical, 133. remission, 134. aspects, 135. addition, 136. progeny



137. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_.
- n.* a workplace for the conduct of scientific research; a laboratory
138. The \_\_\_\_ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
139. After working for the company for 30 years, she decided to \_\_\_\_\_ from her job.
- v.* to withdraw from one's position or occupation, especially because of age
140. Leprosy is an indolent \_\_\_\_\_ disease.
- adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
141. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
142. Many cancer patients undergo \_\_\_\_\_ as a treatment option.
- n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
143. Driving is difficult for me because of my poor \_\_\_\_\_.
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
144. It was a pure \_\_\_\_\_ that we met her in the library.
- n.* an occasion when two or more similar things happen at the same time by chance, in a surprising way

ANSWERS: 137. lab, 138. mass, 139. retire, 140. infectious, 141. statistics, 142. chemotherapy, 143. vision, 144. coincidence

145. She \_\_\_\_\_ fresh herbs into the soup for added flavor.

*v.* to fill something with a particular quality, feeling, or influence; to imbue

146. Mushrooms and \_\_\_\_\_ are fungi.

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

147. Children often \_\_\_\_\_ parents with this head cold.

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

148. The new washing machine is much more \_\_\_\_\_ than the old one.

*adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

149. 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)

150. 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

151. The \_\_\_\_\_ of stress over time can lead to health problems.

*n.* the accumulation or increase of something over time

152. Abnormal \_\_\_\_\_ response may cause atopic dermatitis.

*n.* any of various protein molecules produced by cells of the immune system that serve to regulate the immune system

ANSWERS: 145. infused, 146. mold, 147. infect, 148. efficient, 149. inject, 150. disease, 151. buildup, 152. cytokine

153. This trail takes \_\_\_\_\_ 2.5 hours.

*adv.* close to a specific number or time but not exactly that number or time

154. She must undergo a \_\_\_\_\_ screening to check for abnormalities in her reproductive system.

*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

155. The patient was diagnosed with an \_\_\_\_\_ disease and given only a few months to live.

*adj.* not able to be cured, healed, or remedied; beyond recovery or redemption

156. The patient was diagnosed with a \_\_\_\_\_ in her lung.

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

157. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.

*n.* a living being, especially an animal

158. Many people find that regular \_\_\_\_\_ practice can help reduce stress and anxiety.

*n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation

159. The highway \_\_\_\_\_ officer pulled over the speeding vehicle on the freeway.

*n.* the act of guarding an area or conducting surveillance of an area to maintain order, perform security functions, or prevent crime; a group of officers or soldiers that conducts such an operation

ANSWERS: 153. approximately, 154. cervical, 155. incurable, 156. tumor, 157. creature, 158. yoga, 159. patrol

160. The \_\_\_\_\_ melody was beautiful and touched everyone's hearts.  
*adj.* not heard, listened to, or noticed; not having been brought to public attention
161. The doctor carefully examined the \_\_\_\_\_ medical history.  
*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
162. She was \_\_\_\_\_ for the help he provided.  
*adj.* feeling or showing an appreciation of kindness; thankful
163. The \_\_\_\_\_ material could withstand extremely high temperatures.  
*adj.* stubbornly resistant to authority or control; difficult or impossible to manage, control, or work with; resistant to heat or chemically resistant, particularly when referring to materials or substances
164. We are trying to \_\_\_\_\_ this disease from the world.  
*v.* to get rid of or destroy something completely, especially something bad
165. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.  
*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
166. The natural hot springs were said to have \_\_\_\_\_ properties for those with sore muscles and joints.  
*adj.* having the power to cure or heal; relating to or intended for medical treatment or healing
167. She received her \_\_\_\_\_ in psychology from the university.  
*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 160. unheard, 161. patient's, 162. grateful, 163. refractory, 164. eradicate, 165. tradition, 166. curative, 167. degree

168. \_\_\_\_\_ 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
169. The protesters became \_\_\_\_\_ when the police tried to disperse them.
- adj.* involving or caused by physical force or aggression against someone or something
170. The fire department \_\_\_\_\_ instructed the firefighters on how to tackle the blaze.
- n.* a rank of non-commissioned officer in the armed forces, typically above corporal but below staff sergeant or sergeant first class
171. The symptoms of \_\_\_\_\_ may include fatigue, weakness, and fever.
- n.* a type of cancer that affects the blood and bone marrow, in which abnormal white blood cells are produced and grow uncontrollably
172. We can resolve support requests quickly and \_\_\_\_\_ by utilization of AI.
- adv.* in a way that produces maximum output with minimum effort or expense
173. The research institute allocated a lot of money to study the cause and prevention of \_\_\_\_\_.
- n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
174. The patient died from \_\_\_\_\_ alcohol intoxication.
- adj.* extremely sharp or severe
175. \_\_\_\_\_ testing is less accurate than PCR testing but easier to perform.
- n.* a substance that triggers the body's immune response (= the reaction for fighting infections) for defending the body, especially by producing antibodies (= proteins that identify and attack harmful bacteria, viruses, etc.)

ANSWERS: 168. Bacteria, 169. violent, 170. sergeant, 171. leukemia, 172. efficiently, 173. influenza, 174. acute, 175. Antigen

ANSWERS: