

# Englist.me



## Vocabulary Builder Reference from...

*Nicholas Leeper: Is there a link between cancer and heart disease? | TED Talk*

[https://www.ted.com/talks/nicholas\\_leeper\\_is\\_there\\_a\\_link\\_between\\_cancer\\_and\\_heart\\_disease](https://www.ted.com/talks/nicholas_leeper_is_there_a_link_between_cancer_and_heart_disease)

### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### encounter

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

*synonym*: meet, run into, come across

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

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

### 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.

### 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.

## chart

*n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

*synonym*: diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

## injury

*n.* harm done to a person's or an animal's body caused by an accident or an attack

*synonym*: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

## surgery

*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

*synonym*: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

## spacecraft

*n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

*synonym*: spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

## stab

*v.* to cause harm with a sharp, pointed object, such as a knife

*synonym*: poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest

He was **stabbed** many times with scissors.

## **crochet**

*n.* a type of needlework or fabric-making that involves creating loops of thread or yarn with a hooked needle; an item or piece of clothing made using this technique  
*synonym*: knitting, needlework, lacework

(1) **crochet** pattern, (2) **crochet** kit

She passed the time on the plane by doing some **crochet** work.

## **extreme**

*adj.* very great in amount or degree  
*synonym*: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

## **in-law**

*n.* a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law  
*synonym*: relative by marriage, family connection, affinal

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

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

## **jet**

*n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances  
*synonym*: plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

## **engine**

*n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose  
*synonym*: motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

## subsequent

*adj.* happening or occurring later or after something else

*synonym*: later, following, ensuing

(1) over **subsequent** months, (2) reduce **subsequent** mortality

In the **subsequent** meeting, the team discussed ways to improve productivity.

## cardiovascular

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

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

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

## incredible

*adj.* unbelievable; enormous

*synonym*: unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

## importance

*n.* the quality of being important and worthy of note

*synonym*: significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

## urgent

*adj.* requiring immediate attention or action; pressing

*synonym*: pressing, critical, immediate

(1) an **urgent** telegram, (2) **urgent** situation

It is **urgent** that we leave for the airport now to catch our flight.

## unmet

*adj.* describing a need, goal, or expectation that has not been satisfied or fulfilled

*synonym*: unsatisfied, unfulfilled, unmatched

(1) **unmet** demand, (2) **unmet** needs

The **unmet** expectations of the customers led to a decrease in sales.

## 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.

## 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.

## propose

*v.* to make a proposal, declare a plan for something

*synonym*: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

## hypothesis

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

*synonym*: assumption, conjecture, theory

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

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

## argument

*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

*synonym*: debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

## cigarette

*n.* a small cylindrical roll of finely cut tobacco leaves wrapped in paper for smoking

*synonym*: smoke, cigar, tobacco

(1) a mild **cigarette**, (2) a **cigarette** case

He lit a **cigarette** and leaned against the wall.

## colon

*n.* the punctuation mark ( : ) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

(1) **colon** examination, (2) the **colon** at the end of the sentence

Consumption of vegetables may aid in the prevention of **colon** cancer.

## overlap

*v.* to partially cover something by going beyond its edge

*synonym*: overlay, cover, bespread

(1) **overlap** one another, (2) **overlap** in many areas

There was no **overlap** between their proposals.

## genetically

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

*synonym*: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

## gene

*n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

*synonym*: factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

## mutation

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

*synonym*: metamorphosis, transformation, alteration

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

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

## **breast**

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

*synonym*: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

## **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**.

## **genome**

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

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

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

## **scan**

*v.* to examine something hastily, with the eyes or with a machine, to get information

*synonym*: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

## **hotspot**

*n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity

*synonym*: epicenter, cluster, outbreak

(1) covid-19 **hotspot**, (2) geographic **hotspot**

The airport is a **hotspot** for tourists and travelers from around the world.

## locate

*v.* to specify or determine the exact position of someone or something

*synonym*: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

## chromosome

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

*synonym*: DNA

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

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

## dot

*n.* a very small circular mark, especially one that is printed

*synonym*: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

## shock

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

*synonym*: amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

## 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.

## locus

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

*synonym* : location, place, site

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

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

## cholesterol

*n.* a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high

*synonym* : fat, lipid, sterol

(1) **cholesterol** levels, (2) low **cholesterol**

High levels of **cholesterol** can increase the risk of heart disease.

## diabetes

*n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

(1) juvenile **diabetes**, (2) **diabetes** patient

My father was tested for **diabetes**.

## melanoma

*n.* a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas

*synonym* : skin cancer, melanocarcinoma, pigmented tumor

(1) **melanoma** diagnosis, (2) **melanoma** treatment

Protecting your skin from the sun by wearing sunscreen and protective clothing can help reduce the risk of **melanoma**.

## brain

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

*synonym* : intellect, mind, encephalon

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

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

## 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.

## 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.

## cardiac

*adj.* of or relating to the heart or heart disease

(1) **cardiac** arrest, (2) **cardiac** disease

The **cardiac** output of a resting adult is around three quarts per minute.

## genetics

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

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

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

## observation

*n.* the act or activity of carefully examining or monitoring something or someone

*synonym*: watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

## microscope

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

*synonym*: lens, magnifier, eyepiece

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

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

## 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?

## 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.

## 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.

## ultimate

*adj.* furthest or highest in degree or order

*synonym*: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

## artery

*n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.

*synonym*: blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease

Continuous consumption of fatty foods leads to the hardening of the **artery**.

## stroke

*n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

*synonym*: blow

(1) suffer **stroke**, (2) a **stroke** of the putter

This year's extreme heat has resulted in many heat **stroke** cases.

## critic

*n.* someone who expresses opinions about the quality of books, music, etc.

*synonym*: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

## 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.

## dominate

*v.* to have or control a lot of power and influence over somebody or something

*synonym*: govern, rule, prevail

(1) **dominate** possession, (2) **dominate** over the weak

The perspective of his right brain **dominates** his consciousness.

## influx

*n.* the arrival or entry of a large number of people, objects, or ideas into a place or system

*synonym*: inflow, arrival, impression

(1) **influx** of capital, (2) **influx** of tourists

The **influx** of immigrants into urban areas can create significant social, economic, and political challenges for local communities.

## inflame

*v.* to cause very strong feelings such as anger or excitement in a person or a group of people

*synonym*: agitate, arouse, enrage

(1) **inflame** skin, (2) **inflame** his passion

Her eyes **inflamed** with crying.

## 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.**

**abnormal**

*adj.* not typical, usual, or regular, especially in a way that is bad

*synonym*: aberrant, bizzare, unusual

(1) **abnormal** heart rhythms, (2) **abnormal** cells

An **abnormal** climate in the region caused a sharp decline in grain harvest.

**vessel**

*n.* a ship or large boat

*synonym*: boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

**stem**

*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

*synonym*: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

**clinical**

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

*synonym*: dispassionate, analytic, scientific

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

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

**investigator**

*n.* a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence

*synonym*: inspector, sleuth, detective

(1) private **investigator**, (2) clinical **investigator**

The forensic **investigator** collected DNA samples from the crime scene to identify the perpetrator

## individual

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

*synonym*: person, being, self

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

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

## congest

*v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

*synonym*: clog, choke, crowd

(1) **congest** in a vein, (2) **congest** a highway

The roads to the airport were heavily **congested**.

## principle

*n.* a fundamental law or truth that explains or controls how something happens or works

*synonym*: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

## association

*n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

*synonym*: affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

## causation

*n.* the action or relationship between an event or action and its effect or consequence; the explanation for why something happens

*synonym*: cause, reason, origin

(1) **causation** analysis, (2) direct **causation**

The **causation** of the disease is still under investigation by medical researchers.

## experiment

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

*synonym*: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**  
His **experiments** showed highly positive results.

## intentionally

*adv.* in a planned or intended way

*synonym*: knowingly, calculatedly, deliberately

(1) she hit him **intentionally**, (2) She **intentionally** spread misleading information.

She would never **intentionally** hurt anyone.

## vice

*n.* wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person

*synonym*: corruption, depravity, evil

(1) virtue and **vice**, (2) **vice-chair** of the committee

Cats hate dogs and **vice versa**.

## obvious

*adj.* easy to see, discover or understand

*synonym*: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

## ethical

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

*synonym*: honorable, moral, virtuous

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

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

## 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**.

## implant

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

*synonym*: insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

## underneath

*adv.* under or below something else

*synonym*: below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

## fascinating

*adj.* extremely interesting

*synonym*: alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

## 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.

## presence

*n.* the fact or state that someone or something exists, occurs, or is present

*synonym*: existence, actuality, fact

(1) the evidence of the **presence**, (2) his majestic **presence**

The path to a solid online **presence** necessitates a high technical ability.

## sufficient

*adj.* adequate; enough for a particular purpose or requirement

*synonym*: acceptable, ample, satisfactory

(1) **sufficient** time, (2) self- **sufficient** economy

That candidate does not have **sufficient** means to win an election with certainty.

## accelerate

*v.* to make something faster or earlier; to cause to develop or progress more quickly

*synonym*: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

## volunteer

*n.* a person who performs or offers to perform a job or service without being paid for or forced to do

*synonym*: unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

## straightforward

*adj.* easy to do or understand, or simple; free from ambiguity

*synonym*: honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

## diet

*n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

*synonym*: food, dietary

(1) eat a vegetarian **diet**, (2) **Diet** approval

A balanced **diet** is more important for health than supplements.

## 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.

## optimal

*adj.* the best; most likely to be successful or advantageous

*synonym*: optimum, desirable, favorable

(1) achieve **optimal** health, (2) **optimal** for intellectual growth

Wild animals need to go forward with the **optimal** action to survive.

## malignant

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

*synonym*: evil, harmful, cancerous

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

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

## encourage

*v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

*synonym*: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

## magic

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

*synonym*: fascination, illusion, wizardry

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

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

## wand

*n.* a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority

*synonym*: rod, stick, staff

(1) magic **wand**, (2) security **wand**

The magician waved his **wand**, and a rabbit appeared from

the hat.

## unbiased

*adj.* free from prejudice or favoritism; fair and impartial in judgment and decision-making

*synonym*: neutral, fair, impartial

(1) **unbiased** opinion, (2) **unbiased** review

The judge has a reputation for being fair and **unbiased** in his rulings.

## 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**.

## plot

*n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

*synonym*: scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

## represent

*v.* to speak, act, or be present on behalf of another person or group; to form or constitute

*synonym*: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

## acquire

*v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself

*synonym*: attain, earn, catch

(1) **acquire** knowledge, (2) **acquire** a new company

Children **acquire** language at a fantastic rate.

## identify

- v. to recognize someone or something and say or prove who or what they are

*synonym*: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

## integrate

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

*synonym*: mix, merge, combine

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

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

## analyze

- v. to think about in-depth and evaluate to discover essential features or meaning

*synonym*: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

## simultaneously

*adv.* at the same time

*synonym*: concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs

**simultaneously**

Two students answered the teacher's question

**simultaneously**.

## quadrant

- n. a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes

*synonym*: section, division, sector

(1) Northeast **quadrant**, (2) **quadrant** chart

The map was divided into four **quadrants** to examine the geographical region closely.

## suspect

v. to consider anything to be actual or probable

*synonym*: assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick

The cops **suspected** him of being the killer.

## hypothesize

v. to form or present a theory or explanation without sufficient evidence; to speculate

*synonym*: speculate, theorize, conjecture

(1) **hypothesize** as to outcomes, (2) **hypothesize** what could have happened

Scientists **hypothesize** that the new fish species evolved to survive in deep-sea environments.

## prioritize

v. to assign a higher level of importance to something compared to other things

*synonym*: rank, order, arrange

(1) **prioritize** tasks, (2) **prioritize** people over cars

The organization **prioritized** the needs of the community in its decision-making.

## underway

*adj.* having started and currently in progress

*synonym*: afoot, ongoing, in motion

(1) just getting **underway**, (2) campaign now **underway**

This project has been **underway** for several years.

## pathway

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

*synonym*: route, footpath, trail

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

### pathways

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

## inflammation

n. a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

*synonym*: rash, hives, irritation

(1) reduce **inflammation** and pain, (2) **inflammation** of the lungs

The medicine soothes the pain of chronic **inflammation**.

## 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.

## 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.

## mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

*synonym*: climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

## 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**.

## 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**.

## overactive

*adj.* excessively active; showing an excess of activity or energy

*synonym*: hyperactive, frantic, restless

(1) **overactive** imagination, (2) **overactive** thyroid

The medication caused an **overactive** immune system, resulting in adverse side effects.

## recurrent

*adj.* occurring again, repeatedly, or frequently; returning

*synonym*: continual, repeated, frequent

(1) **recurrent** problem, (2) **recurrent** miscarriage

The patient has been experiencing **recurrent** headaches for weeks.

## episode

*n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

*synonym*: event, chapter, seizure

(1) end of the first **episode**, (2) **episode** of vertigo

I want to put that **episode** of my life behind me.

## rash

*n.* any red spot of the skin, caused by a disease or reaction to something; (adjective) marked by defiance and not caring about risk or consequences

*synonym*: hives, inflammation, roseola

(1) develop a **rash**, (2) prevent diaper **rash**

The strong sunlight brought her out in an itchy **rash**.

## neurocognitive

*adj.* relating to the cognitive processes that govern learning, memory, perception, and attention and to the changes in these processes associated with neurological disorders

*synonym*: cognitive neuroscience, brain science, neuropsychology

(1) **neurocognitive** disorders, (2) **neurocognitive** testing

His **neurocognitive** abilities helped him excel in his studies.

## delay

*v.* to cause something to happen at a later time than originally intended or expected

*synonym*: block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project  
We **delayed** the payment because of an incorrect invoice.

## triumph

*n.* a great victory or achievement

*synonym*: victory, success, conquest

(1) **triumph** of democracy, (2) **triumph** of the spirit  
The team's **triumph** in the championship resulted from their hard work and dedication.

## pinpoint

*v.* to locate or identify the exact position in space or time of something

*synonym*: name, direct, identify

(1) **pinpoint** the problem, (2) **pinpoint** signs of manipulation  
This radar quickly **pinpoints** the position of the enemy.

## molecule

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

*synonym*: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior  
The shape of the DNA **molecule** is a double helix.

## responsible

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

*synonym*: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service  
She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

## mention

*v.* to speak or write about something or someone briefly

*synonym*: reference, allude, cite

(1) **mention** name, (2) **mention** in a report  
I **mentioned** to him that I had seen his sister at the grocery

store earlier that day.

## 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.

## 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.

## 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**.

## relevance

*n.* the state or degree of being closely connected or appropriate to the matter at hand

*synonym* : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

## cardiologist

*n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system

*synonym* : heart doctor, heart specialist, cardiac specialist

(1) **cardiologist** appointment, (2) skilled **cardiologist**

My grandfather is seeing a **cardiologist** to monitor his heart condition.

## convince

*v.* to persuade someone or make someone believe that something is true

*synonym* : persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent  
I am considering what I should do to **convince** him.

## placebo

*n.* harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug

(1) **placebo** therapy, (2) patient in the **placebo** group

A double-blind procedure is used to guard against experimenter bias and **placebo** effects.

## algorithm

*n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

*synonym*: logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

## predict

*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

*synonym*: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

## blind

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

*synonym*: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

## pivot

*n.* a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances

*synonym*: center point, fulcrum, heart

(1) center- **pivot** irrigation, (2) **pivot** point

The team needed to come up with a **pivot** strategy to turn things around.

## macrophage

- n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells

*synonym*: white blood cell, scavenger cell, phagocyte

- (1) **macrophage** activity, (2) **macrophage** dysfunction

Cancer cells can evade the immune system's detection by avoiding interactions with **macrophages**.

## 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.

## sentinel

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

*synonym*: guard, watchman, lookout

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

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

## 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.

## expand

*v.* to increase or to make something greater in size, number, or importance

*synonym*: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

## oncology

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

*synonym*: cancer treatment, study of tumors

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

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

## rid

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

*synonym*: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

## metastasize

*v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location

*synonym*: spread, multiply, disseminate

(1) **metastasize** to the liver, (2) **metastasize** from breast cancer

Cancer cells can **metastasize** and spread to other body parts if left untreated.

## appetite

*n.* a natural desire or craving for food or drink; a strong desire or liking for something

*synonym*: hunger, appetite, craving

(1) **appetite** suppression, (2) loss of **appetite**

After a long hike, I had a huge **appetite** and devoured my meal in minutes.

## unclear

*adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

*synonym*: ambiguous, fuzzy, obscure

(1) an **unclear** match, (2) in no **unclear** terms

It is important not to undertake tasks with **unclear** objectives to improve productivity.

## metastatic

*adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system

*synonym*: spreading, invasive, secondary

(1) **metastatic** disease, (2) **metastatic** spreading

**Metastatic** cancer has spread from its original site to other body parts.

## 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.

## 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.

## retrospective

*adj.* looking back on or dealing with past events or situations, particularly those that are considered important or influential; an exhibition or showing of a particular artist's work, covering an extended period of time

*synonym*: backward-looking, reflective, nostalgic

(1) **retrospective** review, (2) **retrospective** study

The **retrospective** exhibition featured some of the artist's earliest works.

## arrow

*n.* a thin, pointed projectile designed to be shot from a bow;  
a symbol or pointer that is shaped like an arrow

*synonym*: shaft, dart, projectile

(1) **arrow** pointing, (2) **arrow** diagram

The archer aimed his **arrow** carefully at the target.

## carotid

*adj.* relating to the carotid artery, which supplies blood to the head and face

(1) **carotid** disease, (2) **carotid** stenosis

The doctor examined my **carotid** artery to check for any blockages or abnormalities.

## dual

*adj.* having two parts, aspects, or elements

*synonym*: twofold, binary, double

(1) **dual** purpose, (2) **dual** nationality

This laptop has a **dual-core** processor, making it fast and efficient.

## settle

*v.* to reach an agreement of disagreement

*synonym*: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town

I don't want to **settle** for second best.

## dogma

*n.* a belief or set of beliefs that the members of a group accept without being questioned or doubted

*synonym*: doctrine, tenet, creed

(1) religious **dogma**, (2) the secret **dogma**

All members strictly followed the **dogma** of the organization.

## silo

*n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

*synonym*: storage, warehouse, barn

(1) nuclear **silo**, (2) **silo** organization

The farmer used a **silo** to store feed for the animals.

## powerless

*adj.* lacking power, strength, or authority; unable to act or affect change

*synonym*: helpless, impotent, feeble

(1) **powerless** position, (2) **powerless** in the organization

During the hurricane, we felt **powerless** against the winds and rain.

## Session 2: Spelling

- |  |   |
|--|---|
| 1. hyp_____ze what could have happened | <i>v.</i> to form or present a theory or explanation without sufficient evidence; to speculate                                |
| 2. the ul_____te luxury                | <i>adj.</i> furthest or highest in degree or order  |
| 3. re_____nt problem                   | <i>adj.</i> occurring again, repeatedly, or frequently; returning   |
| 4. co_____m the diagnosis              | <i>v.</i> to support or establish the truth or certainty of something previously believed or suspected to be the case         |
| 5. di____e money equally               | <i>v.</i> to separate or cause to separate into parts or groups   |
| 6. religious do__a                     | <i>n.</i> a belief or set of beliefs that the members of a group accept without being questioned or doubted                   |
| 7. take several inputs sim_____sly     | <i>adv.</i> at the same time  |
| 8. a fatal in____y                     | <i>n.</i> harm done to a person's or an animal's body caused by an accident or an attack                                      |
| 9. pr_____t when she will arrive       | <i>v.</i> to state beforehand that something will happen in the future, mainly based on knowledge or experience               |
| 10. ov_____p one another               | <i>v.</i> to partially cover something by going beyond its edge   |
| 11. pl_____o therapy                   | <i>n.</i> harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug |

ANSWERS: 1. hypothesize, 2. ultimate, 3. recurrent, 4. confirm, 5. divide, 6. dogma, 7. simultaneously, 8. injury, 9. predict, 10. overlap, 11. placebo

- |                                 |   |
|---------------------------------|---|
| 12. pr_____le in business       | <i>n.</i> a fundamental law or truth that explains or controls how something happens or works   |
| 13. an ur____t telegram         | <i>adj.</i> requiring immediate attention or action; pressing   |
| 14. tr____h of the spirit       | <i>n.</i> a great victory or achievement  |
| 15. met_____ic spreading        | <i>adj.</i> used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system     |
| 16. chemical ad_____on          | <i>n.</i> the act or process of adding something to something else; the process of adding numbers   |
| 17. develop a r__h              | <i>n.</i> any red spot of the skin, caused by a disease or reaction to something; (adjective) marked by defiance and not caring about risk or consequences            |
| 18. cell and molecular bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things   |
| 19. ex____d a lineup            | <i>v.</i> to increase or to make something greater in size, number, or importance   |
| 20. suffer st____e              | <i>n.</i> a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.            |
| 21. gen_____ly inherited traits | <i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity |

ANSWERS: 12. principle, 13. urgent, 14. triumph, 15. metastatic, 16. addition, 17. rash, 18. biology, 19. expand, 20. stroke, 21. genetically

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|--|--|
| 22. a ma__c spell                            | <i>n.</i> beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers  |
| 23. electron mic_____pe                      | <i>n.</i> an instrument used to see objects or substances that are too small to be seen with the naked eye   |
| 24. treat the in_____on with antibiotics     | <i>n.</i> a condition in which pathogenic microorganisms or viruses have entered the body  |
| 25. the ar_____nt against capital punishment | <i>n.</i> a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute  |
| 26. hyp_____ze as to outcomes                | <i>v.</i> to form or present a theory or explanation without sufficient evidence; to speculate   |
| 27. en_____er a storm                        | <i>v.</i> to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly   |
| 28. pr_____le of treatment                   | <i>n.</i> a fundamental law or truth that explains or controls how something happens or works  |
| 29. l__g capacity                            | <i>n.</i> either of the two organs in the chest that people and some animals use for breathing   |
| 30. harmless ba_____ia                       | <i>n.</i> 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: 22. magic, 23. microscope, 24. infection, 25. argument, 26. hypothesize, 27. encounter, 28. principle, 29. lung, 30. bacteria

31. ur__t situation	<i>adj.</i> requiring immediate attention or action; pressing
32. magic w__d	<i>n.</i> a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority
33. a man of imp_____ce	<i>n.</i> the quality of being important and worthy of note
34. obs_____on instrument	<i>n.</i> the act or activity of carefully examining or monitoring something or someone
35. co__n examination	<i>n.</i> the punctuation mark ( : ) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
36. completely fas_____ng to me	<i>adj.</i> extremely interesting
37. un__t needs	<i>adj.</i> describing a need, goal, or expectation that has not been satisfied or fulfilled
38. mo__t a counterattack	<i>v.</i> to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
39. res_____le for a customer service	<i>adj.</i> answerable or accountable for something within one's power, control, or management
40. de__y the new project	<i>v.</i> to cause something to happen at a later time than originally intended or expected

ANSWERS: 31. urgent, 32. wand, 33. importance, 34. observation, 35. colon, 36. fascinating, 37. unmet, 38. mount, 39. responsible, 40. delay

- |                                     |   |
|-------------------------------------|---|
| 41. me____ma treatment              | <i>n.</i> a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas                                |
| 42. th____y for a patient           | <i>n.</i> the act of caring for someone through medication, remedial training, etc.   |
| 43. his conclusion was ob____s      | <i>adj.</i> easy to see, discover or understand   |
| 44. mac____ge dysfunction           | <i>n.</i> a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells                |
| 45. death from sh__k                | <i>n.</i> a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant                               |
| 46. bi___y of bone marrow           | <i>n.</i> the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease                      |
| 47. the end of chr____me            | <i>n.</i> a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like |
| 48. in___e his privacy              | <i>v.</i> to enter aggressively into another's territory by military force for conquest and occupation  |
| 49. di___e the cake into two pieces | <i>v.</i> to separate or cause to separate into parts or groups   |
| 50. re____nt by a diagram           | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute  |

ANSWERS: 41. melanoma, 42. therapy, 43. obvious, 44. macrophage, 45. shock, 46. biopsy, 47. chromosome, 48. invade, 49. divide, 50. represent

51. a me____l opinion	<i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine
52. mo____n poetry	<i>adj.</i> of or belonging to the present time or recent times
53. pa____y to understanding	<i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something
54. alien spa_____ft	<i>n.</i> a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
55. ret_____ive review	<i>adj.</i> looking back on or dealing with past events or situations, particularly those that are considered important or influential; an exhibition or showing of a particular artist's work, covering an extended period of time
56. me____n in a report	<i>v.</i> to speak or write about something or someone briefly
57. sim_____sly affected	<i>adv.</i> at the same time
58. the science of ge____cs	<i>n.</i> the branch of biology that studies genes, genetic variation, and heredity in organisms
59. anthropology lab_____ry	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
60. id____fy handwriting	<i>v.</i> to recognize someone or something and say or prove who or what they are
61. cellular signaling pa____ys	<i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 51. medical, 52. modern, 53. pathway, 54. spacecraft, 55. retrospective, 56. mention, 57. simultaneously, 58. genetics, 59. laboratory, 60. identify, 61. pathway

- |                            |   |
|----------------------------|---|
| 62. basic br__n function   | <i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling  |
| 63. ar__w pointing         | <i>n.</i> a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow   |
| 64. di____se with CT scans | <i>v.</i> to determine or distinguish the nature of a problem or an illness through a careful analysis  |
| 65. bl__d to the beauties  | <i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something   |
| 66. bl__d spot             | <i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something   |
| 67. a blazing ar____nt     | <i>n.</i> a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute                                 |
| 68. have no re____ce       | <i>n.</i> the state or degree of being closely connected or appropriate to the matter at hand   |
| 69. un____ed review        | <i>adj.</i> free from prejudice or favoritism; fair and impartial in judgment and decision-making   |
| 70. sy____me of dementia   | <i>n.</i> a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder  |
| 71. met____ic disease      | <i>adj.</i> used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system |

ANSWERS: 62. brain, 63. arrow, 64. diagnose, 65. blind, 66. blind, 67. argument, 68. relevance, 69. unbiased, 70. syndrome, 71. metastatic

- |                                   |  |
|-----------------------------------|--|
| 72. pa___l car                    | <i>n.</i> 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 |
| 73. on____gy center               | <i>n.</i> the branch of medicine that deals with the study and treatment of tumors, especially malignancies  |
| 74. po_____ss in the organization | <i>adj.</i> lacking power, strength, or authority; unable to act or affect change  |
| 75. campaign now un_____ay        | <i>adj.</i> having started and currently in progress   |
| 76. do_____te over the weak       | <i>v.</i> to have or control a lot of power and influence over somebody or something   |
| 77. the ul_____te goal in life    | <i>adj.</i> furthest or highest in degree or order   |
| 78. modern on____gy treatment     | <i>n.</i> the branch of medicine that deals with the study and treatment of tumors, especially malignancies  |
| 79. de__y a flight three hours    | <i>v.</i> to cause something to happen at a later time than originally intended or expected  |
| 80. pr_____t the future           | <i>v.</i> to state beforehand that something will happen in the future, mainly based on knowledge or experience  |
| 81. a ci_____te case              | <i>n.</i> a small cylindrical roll of finely cut tobacco leaves wrapped in paper for smoking   |
| 82. spa_____ft launch             | <i>n.</i> a vehicle designed to travel through space, typically carrying astronauts or scientific instruments  |

ANSWERS: 72. patrol, 73. oncology, 74. powerless, 75. underway, 76. dominate, 77. ultimate, 78. oncology, 79. delay, 80. predict, 81. cigarette, 82. spacecraft

83. car_____lar diseases	<i>adj.</i> of or relating to the heart and blood vessels (= tubes that carry blood around the body)
84. ca_____c disease	<i>adj.</i> of or relating to the heart or heart disease
85. co_____ce her to go with us	<i>v.</i> to persuade someone or make someone believe that something is true
86. ma_____nt tumor	<i>adj.</i> having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
87. private j_t	<i>n.</i> a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
88. small mo_____les	<i>n.</i> a group of two or more atoms held together by attractive forces known as chemical bonds
89. ov_____p in many areas	<i>v.</i> to partially cover something by going beyond its edge
90. field of gene th_____y	<i>n.</i> the act of caring for someone through medication, remedial training, etc.
91. im_____e a process	<i>v.</i> to make or become better
92. v__e-chair of the committee	<i>n.</i> wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person
93. gen_____ly manipulated plant	<i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

ANSWERS: 83. cardiovascular, 84. cardiac, 85. convince, 86. malignant, 87. jet, 88. molecule, 89. overlap, 90. therapy, 91. improve, 92. vice, 93. genetically

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| 94. exp_____nt design                    | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge   |
| 95. future in____w                       | <i>n.</i> a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law  |
| 96. temporary me_____l treatment         | <i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine   |
| 97. su_____t a plot                      | <i>v.</i> to consider anything to be actual or probable  |
| 98. the co__n at the end of the sentence | <i>n.</i> the punctuation mark ( : ) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system |
| 99. re_____r approval ratings            | <i>v.</i> to return to a former condition, health, mind, or strength   |
| 100. covid-19 ho_____t                   | <i>n.</i> a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity  |
| 101. prevent diaper r__h                 | <i>n.</i> any red spot of the skin, caused by a disease or reaction to something; (adjective) marked by defiance and not caring about risk or consequences   |
| 102. mo__t a hill                        | <i>v.</i> to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone                                       |

ANSWERS: 94. experiment, 95. in-law, 96. medical, 97. suspect, 98. colon, 99. recover, 100. hotspot, 101. rash, 102. mount

103. blood ve___ls	<i>n.</i> a ship or large boat
104. his majestic pr____ce	<i>n.</i> the fact or state that someone or something exists, occurs, or is present
105. an un____r match	<i>adj.</i> poorly stated or described and therefore not easy to understand; not easy to perceive
106. ad____on of vectors	<i>n.</i> the act or process of adding something to something else; the process of adding numbers
107. m__t the ice	<i>v.</i> to turn from something solid into something soft or liquid as a result of heating
108. lo___e a tumor	<i>v.</i> to specify or determine the exact position of someone or something
109. ma_____nt growth	<i>adj.</i> having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
110. pr____e the amendment	<i>v.</i> to make a proposal, declare a plan for something
111. meeting in___ws	<i>n.</i> a relative by marriage, such as a mother-in-law, brother-in-law, or sister-in-law
112. pi____nt signs of manipulation	<i>v.</i> to locate or identify the exact position in space or time of something
113. a statistical ch__t	<i>n.</i> a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

ANSWERS: 103. vessel, 104. presence, 105. unclear, 106. addition, 107. melt, 108. locate, 109. malignant, 110. propose, 111. in-law, 112. pinpoint, 113. chart

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| 114. against tr_____on     | <i>n.</i> a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society  |
| 115. re_____ce category    | <i>n.</i> the state or degree of being closely connected or appropriate to the matter at hand  |
| 116. a sex chr_____me      | <i>n.</i> a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like  |
| 117. lactic acid bu_____p  | <i>n.</i> the accumulation or increase of something over time  |
| 118. br____t cancer        | <i>n.</i> either of the two round soft parts of a woman's chest which secrete milk after childbirth  |
| 119. ge____e analyses      | <i>n.</i> the complete set or sequence of genes of a human, animal, plant, or other living things  |
| 120. border pa____l        | <i>n.</i> 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 |
| 121. acute sy_____me       | <i>n.</i> a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder   |
| 122. an air-cooled en____e | <i>n.</i> a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose  |

ANSWERS: 114. tradition, 115. relevance, 116. chromosome, 117. buildup, 118. breast, 119. genome, 120. patrol, 121. syndrome, 122. engine

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| 123. a scientific di_____ry                | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known  |
| 124. a mild ci_____te                      | <i>n.</i> a small cylindrical roll of finely cut tobacco leaves wrapped in paper for smoking   |
| 125. severe cr____c                        | <i>n.</i> someone who expresses opinions about the quality of books, music, etc.   |
| 126. g__e cloning                          | <i>n.</i> the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.   |
| 127. at inc_____le speed                   | <i>adj.</i> unbelievable; enormous   |
| 128. the characters that re_____nt numbers | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute   |
| 129. the professor of su_____y             | <i>n.</i> medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures |
| 130. low cho_____ol                        | <i>n.</i> a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high                                  |

ANSWERS: 123. discovery, 124. cigarette, 125. critic, 126. gene, 127. incredible, 128. represent, 129. surgery, 130. cholesterol

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| 131. genetic lo__s                       | <i>n.</i> a central or focal point; a place where something happens or is centered around   |
| 132. a ge____c disorder                  | <i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes   |
| 133. in___x of capital                   | <i>n.</i> the arrival or entry of a large number of people, objects, or ideas into a place or system  |
| 134. ret_____ive study                   | <i>adj.</i> looking back on or dealing with past events or situations, particularly those that are considered important or influential; an exhibition or showing of a particular artist's work, covering an extended period of time |
| 135. childhood ly____ma                  | <i>n.</i> a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease  |
| 136. just getting un____ay               | <i>adj.</i> having started and currently in progress  |
| 137. fas_____ng story                    | <i>adj.</i> extremely interesting   |
| 138. series of exp_____nts               | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge  |
| 139. und_____th the surface of the water | <i>adv.</i> under or below something else   |
| 140. neu_____ive disorders               | <i>adj.</i> relating to the cognitive processes that govern learning, memory, perception, and attention and to the changes in these processes associated with neurological disorders  |

ANSWERS: 131. locus, 132. genetic, 133. influx, 134. retrospective, 135. lymphoma, 136. underway, 137. fascinating, 138. experiment, 139. underneath, 140. neurocognitive

141. connecting the d_ts	<i>n.</i> a very small circular mark, especially one that is printed
142. m__t down gold	<i>v.</i> to turn from something solid into something soft or liquid as a result of heating
143. seek vo_____ers	<i>n.</i> a person who performs or offers to perform a job or service without being paid for or forced to do
144. pi__t point	<i>n.</i> a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
145. ar__w diagram	<i>n.</i> a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow
146. p__t twist	<i>n.</i> a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
147. huge military bu____p	<i>n.</i> the accumulation or increase of something over time
148. participate in cl____al trials	<i>adj.</i> of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
149. in___e other tissues	<i>v.</i> to enter aggressively into another's territory by military force for conquest and occupation
150. patient in the pl____o group	<i>n.</i> harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug

ANSWERS: 141. dot, 142. melt, 143. volunteer, 144. pivot, 145. arrow, 146. plot, 147. buildup, 148. clinical, 149. invade, 150. placebo

151. di____se the problem	<i>v.</i> to determine or distinguish the nature of a problem or an illness through a careful analysis
152. res_____le action	<i>adj.</i> answerable or accountable for something within one's power, control, or management
153. the great di_____ry of the century	<i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known
154. a st___e of the putter	<i>n.</i> a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
155. an_____e a chemical compound	<i>v.</i> to think about in-depth and evaluate to discover essential features or meaning
156. se___e a dispute	<i>v.</i> to reach an agreement of disagreement
157. a bacterial in_____on	<i>n.</i> a condition in which pathogenic microorganisms or viruses have entered the body
158. suf_____nt time	<i>adj.</i> adequate; enough for a particular purpose or requirement
159. s__b in the chest	<i>v.</i> to cause harm with a sharp, pointed object, such as a knife
160. ove_____ve imagination	<i>adj.</i> excessively active; showing an excess of activity or energy
161. do_____te possession	<i>v.</i> to have or control a lot of power and influence over somebody or something

ANSWERS: 151. diagnose, 152. responsible, 153. discovery, 154. stroke, 155. analyze, 156. settle, 157. infection, 158. sufficient, 159. stab, 160. overactive, 161. dominate

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| 162. met_____ze from breast cancer | <i>v.</i>   | (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location   |
| 163. tu__r growth                  | <i>n.</i>   | a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way  |
| 164. su____t that he is sick       | <i>v.</i>   | to consider anything to be actual or probable   |
| 165. direct ca_____on              | <i>n.</i>   | the action or relationship between an event or action and its effect or consequence; the explanation for why something happens                                    |
| 166. car_____lar tissue            | <i>adj.</i> | of or relating to the heart and blood vessels (= tubes that carry blood around the body)  |
| 167. test my hyp_____is            | <i>n.</i>   | a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate  |
| 168. ar____y blockage              | <i>n.</i>   | one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc. |
| 169. mo_____le behavior            | <i>n.</i>   | a group of two or more atoms held together by attractive forces known as chemical bonds   |
| 170. permanent br__n damage        | <i>n.</i>   | the organ inside the head that is responsible for one's movement, thought, memory, and feeling  |

ANSWERS: 162. metastasize, 163. tumor, 164. suspect, 165. causation, 166. cardiovascular, 167. hypothesis, 168. artery, 169. molecule, 170. brain

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| 171. met_____ze to the liver          | <i>v.</i> (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location  |
| 172. in_____e skin                    | <i>v.</i> to cause very strong feelings such as anger or excitement in a person or a group of people   |
| 173. in_____e his passion             | <i>v.</i> to cause very strong feelings such as anger or excitement in a person or a group of people   |
| 174. pr_____e changes                 | <i>v.</i> to make a proposal, declare a plan for something   |
| 175. cr_____t pattern                 | <i>n.</i> a type of needlework or fabric-making that involves creating loops of thread or yarn with a hooked needle; an item or piece of clothing made using this technique                              |
| 176. commercial j_t                   | <i>n.</i> a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances  |
| 177. nuclear s__o                     | <i>n.</i> a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others |
| 178. ab_____al heart rhythms          | <i>adj.</i> not typical, usual, or regular, especially in a way that is bad  |
| 179. risk of coronary ar____y disease | <i>n.</i> one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.                              |

ANSWERS: 171. metastasize, 172. inflame, 173. inflame, 174. propose, 175. crochet, 176. jet, 177. silo, 178. abnormal, 179. artery

180. ex____e weather events	<i>adj.</i> very great in amount or degree
181. sh__k-resistant	<i>n.</i> a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
182. se___e down in the town	<i>v.</i> to reach an agreement of disagreement
183. d_t blot method	<i>n.</i> a very small circular mark, especially one that is printed
184. the rem_____le breadth of knowledge	<i>adj.</i> worthy of attention because unusual or special
185. the RSA al_____hm	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
186. naval ve___ls	<i>n.</i> a ship or large boat
187. inc_____le amount	<i>adj.</i> unbelievable; enormous
188. high imp_____ce	<i>n.</i> the quality of being important and worthy of note
189. tr_____h of democracy	<i>n.</i> a great victory or achievement
190. reduce sub_____nt mortality	<i>adj.</i> happening or occurring later or after something else
191. a scholarship ass_____on	<i>n.</i> a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
192. a tr_____on of a culture	<i>n.</i> a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 180. extreme, 181. shock, 182. settle, 183. dot, 184. remarkable, 185. algorithm, 186. vessel, 187. incredible, 188. importance, 189. triumph, 190. subsequent, 191. association, 192. tradition

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| 193. shoulder et_____l responsibility | <i>adj.</i> of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these               |
| 194. a steam en_____e                 | <i>n.</i> a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose |
| 195. ge_____cs discrimination         | <i>n.</i> the branch of biology that studies genes, genetic variation, and heredity in organisms                                    |
| 196. co_____ce an opponent            | <i>v.</i> to persuade someone or make someone believe that something is true  |
| 197. mic_____pe slide                 | <i>n.</i> an instrument used to see objects or substances that are too small to be seen with the naked eye                          |
| 198. ca_____c arrest                  | <i>adj.</i> of or relating to the heart or heart disease  |
| 199. cl_____al surgery                | <i>adj.</i> of or relating to the examination and treatment of patients rather than theoretical or laboratory studies               |
| 200. ap_____te suppression            | <i>n.</i> a natural desire or craving for food or drink; a strong desire or liking for something                                    |
| 201. the secret do__a                 | <i>n.</i> a belief or set of beliefs that the members of a group accept without being questioned or doubted                         |
| 202. ac_____e a new company           | <i>v.</i> to buy or obtain something such as an asset, object, knowledge, etc., for oneself   |

ANSWERS: 193. ethical, 194. engine, 195. genetics, 196. convince, 197. microscope, 198. cardiac, 199. clinical, 200. appetite, 201. dogma, 202. acquire

203. und_____th the laughter	<i>adv.</i> under or below something else
204. get r_d of the rats	<i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person
205. clinical inv_____tor	<i>n.</i> a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence
206. ca_____on analysis	<i>n.</i> the action or relationship between an event or action and its effect or consequence; the explanation for why something happens
207. ind_____al freedom	<i>n.</i> a single person or thing, as distinct from a group
208. evolutionary bi_____y	<i>n.</i> the scientific study of life and the natural processes of living things
209. me_____n name	<i>v.</i> to speak or write about something or someone briefly
210. D__t approval	<i>n.</i> the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
211. She int_____lly spread misleading information.	<i>adv.</i> in a planned or intended way
212. en_____er a crisis	<i>v.</i> to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
213. im_____t into the uterus	<i>v.</i> to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

ANSWERS: 203. underneath, 204. rid, 205. investigator, 206. causation, 207. individual, 208. biology, 209. mention, 210. diet, 211. intentionally, 212. encounter, 213. implant

214. liquid bi___y	<i>n.</i> the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
215. co_____t in a vein	<i>v.</i> to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
216. s__b at the enemy with a knife	<i>v.</i> to cause harm with a sharp, pointed object, such as a knife
217. ev___e over the past decade	<i>v.</i> to develop gradually, or to cause the development of something or someone gradually
218. cardiac su_____y	<i>n.</i> medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
219. a private ind_____al	<i>n.</i> a single person or thing, as distinct from a group
220. without in___y	<i>n.</i> harm done to a person's or an animal's body caused by an accident or an attack
221. co_____m a transaction	<i>v.</i> to support or establish the truth or certainty of something previously believed or suspected to be the case
222. im_____e the test score	<i>v.</i> to make or become better
223. loss of ap_____te	<i>n.</i> a natural desire or craving for food or drink; a strong desire or liking for something

ANSWERS: 214. biopsy, 215. congest, 216. stab, 217. evolve, 218. surgery, 219. individual, 220. injury, 221. confirm, 222. improve, 223. appetite

224. re____r a loss	<i>v.</i>	to return to a former condition, health, mind, or strength
225. se____el lymph node	<i>n.</i>	a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security
226. ex____d agricultural output	<i>v.</i>	to increase or to make something greater in size, number, or importance
227. cr____t kit	<i>n.</i>	a type of needlework or fabric-making that involves creating loops of thread or yarn with a hooked needle; an item or piece of clothing made using this technique
228. op____l for intellectual growth	<i>adj.</i>	the best; most likely to be successful or advantageous
229. ca____d disease	<i>adj.</i>	relating to the carotid artery, which supplies blood to the head and face
230. di____es patient	<i>n.</i>	a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
231. ob____s reasons	<i>adj.</i>	easy to see, discover or understand
232. s__m from a belief	<i>n.</i>	the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
233. do l__g transplantation	<i>n.</i>	either of the two organs in the chest that people and some animals use for breathing
234. hereditary mu____on	<i>n.</i>	the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

ANSWERS: 224. recover, 225. sentinel, 226. expand, 227. crochet, 228. optimal, 229. carotid, 230. diabetes, 231. obvious, 232. stem, 233. lung, 234. mutation

235. tu__r at remote sites	<i>n.</i> a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
236. an____e your real motives	<i>v.</i> to think about in-depth and evaluate to discover essential features or meaning
237. un____ed opinion	<i>adj.</i> free from prejudice or favoritism; fair and impartial in judgment and decision-making
238. self-suf_____nt economy	<i>adj.</i> adequate; enough for a particular purpose or requirement
239. over sub_____nt months	<i>adj.</i> happening or occurring later or after something else
240. s__n a document into PDF	<i>v.</i> to examine something hastily, with the eyes or with a machine, to get information
241. pi_____nt the problem	<i>v.</i> to locate or identify the exact position in space or time of something
242. id_____fy gene sequences	<i>v.</i> to recognize someone or something and say or prove who or what they are
243. en_____ge antisocial behavior	<i>v.</i> to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
244. private inv_____tor	<i>n.</i> a person whose job is to conduct an investigation or inquiry into something, often to gather information or evidence
245. pri_____ze people over cars	<i>v.</i> to assign a higher level of importance to something compared to other things

ANSWERS: 235. tumor, 236. analyze, 237. unbiased, 238. sufficient, 239. subsequent, 240. scan, 241. pinpoint, 242. identify, 243. encourage, 244. investigator, 245. prioritize

246. mu____on of DNA	<i>n.</i> the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
247. str_____ard manner	<i>adj.</i> easy to do or understand, or simple; free from ambiguity
248. me____ma diagnosis	<i>n.</i> a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas
249. non-hodgkin ly____ma	<i>n.</i> a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
250. cho_____ol levels	<i>n.</i> a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high
251. word ass_____ons	<i>n.</i> a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
252. the mountain's br____t	<i>n.</i> either of the two round soft parts of a woman's chest which secrete milk after childbirth
253. sequencing of the human ge____e	<i>n.</i> the complete set or sequence of genes of a human, animal, plant, or other living things
254. po_____ss position	<i>adj.</i> lacking power, strength, or authority; unable to act or affect change
255. qu____nt chart	<i>n.</i> a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes

ANSWERS: 246. mutation, 247. straightforward, 248. melanoma, 249. lymphoma, 250. cholesterol, 251. association, 252. breast, 253. genome, 254. powerless, 255. quadrant

256. in___x of tourists	<i>n.</i> the arrival or entry of a large number of people, objects, or ideas into a place or system
257. acc_____te the car	<i>v.</i> to make something faster or earlier; to cause to develop or progress more quickly
258. n___m of action	<i>n.</i> something that is regarded as usual, typical, or standard
259. lab_____ry accident	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
260. geographic ho_____t	<i>n.</i> a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
261. pre-mo___n agricultural society	<i>adj.</i> of or belonging to the present time or recent times
262. achieve op_____l health	<i>adj.</i> the best; most likely to be successful or advantageous
263. juvenile di_____es	<i>n.</i> a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
264. have ge_____c testing	<i>adj.</i> of or relating to genes (= parts of the DNA in cells) or the science of genes
265. a weather ch___t	<i>n.</i> a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
266. car_____ist appointment	<i>n.</i> a medical doctor who specializes in the study and treatment of the heart and the circulatory system

ANSWERS: 256. influx, 257. accelerate, 258. norm, 259. laboratory, 260. hotspot, 261. modern, 262. optimal, 263. diabetes, 264. genetic, 265. chart, 266. cardiologist

267. eat a vegetarian d__t	<i>n.</i> the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
268. virtue and v__e	<i>n.</i> wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person
269. r_d the body of waste products	<i>v.</i> to make someone or something free of unwanted or unpleasant tasks, objects, or person
270. d__l nationality	<i>adj.</i> having two parts, aspects, or elements
271. s__n the face of the man	<i>v.</i> to examine something hastily, with the eyes or with a machine, to get information
272. in no un____r terms	<i>adj.</i> poorly stated or described and therefore not easy to understand; not easy to perceive
273. d__l purpose	<i>adj.</i> having two parts, aspects, or elements
274. my vo_____er work	<i>n.</i> a person who performs or offers to perform a job or service without being paid for or forced to do
275. un__t demand	<i>adj.</i> describing a need, goal, or expectation that has not been satisfied or fulfilled
276. ep____e of vertigo	<i>n.</i> a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

ANSWERS: 267. diet, 268. vice, 269. rid, 270. dual, 271. scan, 272. unclear, 273. dual, 274. volunteer, 275. unmet, 276. episode

277. al\_\_\_\_\_hm for image processing      *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
278. re\_\_\_\_\_nt miscarriage      *adj.* occurring again, repeatedly, or frequently; returning
279. a bold hyp\_\_\_\_\_is      *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
280. p\_\_t a revolution      *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
281. ex\_\_\_\_\_e sports      *adj.* very great in amount or degree
282. co\_\_\_\_\_t a highway      *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
283. art cr\_\_\_\_c      *n.* someone who expresses opinions about the quality of books, music, etc.
284. in\_\_\_\_\_te both businesses      *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
285. neu\_\_\_\_\_ive testing      *adj.* relating to the cognitive processes that govern learning, memory, perception, and attention and to the changes in these processes associated with neurological disorders
286. ca\_\_\_\_\_d stenosis      *adj.* relating to the carotid artery, which supplies blood to the head and face

ANSWERS: 277. algorithm, 278. recurrent, 279. hypothesis, 280. plot, 281. extreme, 282. congest, 283. critic, 284. integrate, 285. neurocognitive, 286. carotid

287. rem_____le achievement	<i>adj.</i> worthy of attention because unusual or special
288. skilled car_____ist	<i>n.</i> a medical doctor who specializes in the study and treatment of the heart and the circulatory system
289. make a str_____ard dash	<i>adj.</i> easy to do or understand, or simple; free from ambiguity
290. se_____el duty	<i>n.</i> a person or thing that stands guard or keeps watch; a soldier or guard who stands watch to provide security
291. reduce inf_____ion and pain	<i>n.</i> a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
292. g__e expression	<i>n.</i> the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
293. the evidence of the pr_____ce	<i>n.</i> the fact or state that someone or something exists, occurs, or is present
294. she is ma__c	<i>n.</i> beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
295. she hit him int_____lly	<i>adv.</i> in a planned or intended way
296. an et_____l doctrine	<i>adj.</i> of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
297. me_____al chemistry	<i>adj.</i> of or relating to the treatment or cure of disease

ANSWERS: 287. remarkable, 288. cardiologist, 289. straightforward, 290. sentinel, 291. inflammation, 292. gene, 293. presence, 294. magic, 295. intentionally, 296. ethical, 297. medicinal

- |                                     |             |  |
|-------------------------------------|-------------|--|
| 298. ev___e                         | <i>v.</i>   | to develop gradually, or to cause the development of something or someone gradually  |
| 299. Northeast qu____nt             | <i>n.</i>   | a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes  |
| 300. s__o organization              | <i>n.</i>   | a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others |
| 301. the s__m of a matchstick       | <i>n.</i>   | the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in       |
| 302. im____t genes in the animals   | <i>v.</i>   | to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind   |
| 303. class obs_____on day           | <i>n.</i>   | the act or activity of carefully examining or monitoring something or someone  |
| 304. the cell of the im___e system  | <i>adj.</i> | protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells   |
| 305. ac____e knowledge              | <i>v.</i>   | to buy or obtain something such as an asset, object, knowledge, etc., for oneself  |
| 306. acc_____te a chemical reaction | <i>v.</i>   | to make something faster or earlier; to cause to develop or progress more quickly  |

ANSWERS: 298. evolve, 299. quadrant, 300. silo, 301. stem, 302. implant, 303. observation, 304. immune, 305. acquire, 306. accelerate

307. lo___e a missing pet	<i>v.</i> to specify or determine the exact position of someone or something
308. center-pi__t irrigation	<i>n.</i> a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
309. security w__d	<i>n.</i> a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority
310. im___e from criminal prosecution	<i>adj.</i> protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
311. end of the first ep____e	<i>n.</i> a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
312. traditional me_____al	<i>adj.</i> of or relating to the treatment or cure of disease
313. mac_____ge activity	<i>n.</i> a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
314. inf_____ion of the lungs	<i>n.</i> a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
315. ove_____ve thyroid	<i>adj.</i> excessively active; showing an excess of activity or energy

ANSWERS: 307. locate, 308. pivot, 309. wand, 310. immune, 311. episode, 312. medicinal, 313. macrophage, 314. inflammation, 315. overactive

316. in\_\_\_\_\_te into the existing system      *v.*      to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
317. ab\_\_\_\_\_al cells      *adj.*      not typical, usual, or regular, especially in a way that is bad
318. cultural n\_\_\_\_m      *n.*      something that is regarded as usual, typical, or standard
319. en\_\_\_\_\_ge a sense of affinity      *v.*      to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
320. pri\_\_\_\_\_ze tasks      *v.*      to assign a higher level of importance to something compared to other things
321. lo\_\_s of control      *n.*      a central or focal point; a place where something happens or is centered around
322. 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: 316. integrate, 317. abnormal, 318. norm, 319. encourage, 320. prioritize, 321. locus, 322. bacteria

## Session 3: Fill in the Blanks

1. She passed the time on the plane by doing some \_\_\_\_\_ work.  
*n.* a type of needlework or fabric-making that involves creating loops of thread or yarn with a hooked needle; an item or piece of clothing made using this technique
2. The government tried to \_\_\_\_\_ the commercialization of this development.  
*v.* to make something faster or earlier; to cause to develop or progress more quickly
3. A rose has thorns on its \_\_\_\_\_.  
*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
4. A balanced \_\_\_\_\_ is more important for health than supplements.  
*n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
5. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
6. The patient has been experiencing \_\_\_\_\_ headaches for weeks.  
*adj.* occurring again, repeatedly, or frequently; returning
7. The magician waved his \_\_\_\_\_ and a rabbit appeared from the hat.  
*n.* a slender rod or stick, especially one used for magic or divination; a rod or staff carried by certain officials as a symbol of authority

ANSWERS: 1. crochet, 2. accelerate, 3. stem, 4. diet, 5. locate, 6. recurrent, 7. wand,

8. He grilled the \_\_\_\_\_ meat of a chicken.  
*n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
9. The team needed to come up with a \_\_\_\_\_ strategy to turn things around.  
*n.* a change in direction or focus, especially in a business or political strategy; a fixed point that supports something that turns or balances
10. The \_\_\_\_\_ of the disease is still under investigation by medical researchers.  
*n.* the action or relationship between an event or action and its effect or consequence; the explanation for why something happens
11. In the hospital, she will remain under constant \_\_\_\_\_.  
*n.* the act or activity of carefully examining or monitoring something or someone
12. I don't want to \_\_\_\_\_ for second best.  
*v.* to reach an agreement of disagreement
13. Can you \_\_\_\_\_ 123321 by eleven?  
*v.* to separate or cause to separate into parts or groups
14. His \_\_\_\_\_ abilities helped him excel in his studies.  
*adj.* relating to the cognitive processes that govern learning, memory, perception, and attention and to the changes in these processes associated with neurological disorders
15. The doctors found \_\_\_\_\_ cells in the patient's biopsy, indicating a severe illness.  
*adj.* having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly

ANSWERS: 8. breast, 9. pivot, 10. causation, 11. observation, 12. settle, 13. divide, 14. neurocognitive, 15. malignant

16. The \_\_\_\_ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.
- n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
17. There are \_\_\_\_\_ differences between the two wine-producing regions.
- adj.* easy to see, discover or understand
18. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
19. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
20. High levels of \_\_\_\_\_ can increase the risk of heart disease.
- n.* a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high
21. The organization \_\_\_\_\_ the needs of the community in its decision-making.
- v.* to assign a higher level of importance to something compared to other things
22. He got an electric \_\_\_\_\_ at work.
- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
23. He found that it is difficult to \_\_\_\_\_ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

ANSWERS: 16. plot, 17. obvious, 18. principle, 19. individual, 20. cholesterol, 21. prioritized, 22. shock, 23. integrate

24. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.  
*n.* a condition in which pathogenic microorganisms or viruses have entered the body
25. The \_\_\_\_ flew over the ocean at high speed, reaching its destination in hours.  
*n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
26. When the first molecule in the \_\_\_\_\_ receives a signal, it activates other molecules.  
*n.* a track that constitutes or serves as a path; an approach or a way of doing something
27. I stopped by the branch though I have no business of \_\_\_\_\_.  
*n.* the quality of being important and worthy of note
28. The \_\_\_\_\_ modified crops were resistant to pests and required less water.  
*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
29. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.  
*n.* the act of caring for someone through medication, remedial training, etc.
30. It's notoriously challenging to \_\_\_\_\_ birth rates.  
*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
31. I want to \_\_\_\_\_ a toast in honor of our longstanding relationship.  
*v.* to make a proposal, declare a plan for something

ANSWERS: 24. infections, 25. jet, 26. pathway, 27. importance, 28. genetically, 29. therapy, 30. predict, 31. propose

32. An \_\_\_\_\_ climate in the region caused a sharp decline in grain harvest.

*adj.* not typical, usual, or regular, especially in a way that is bad

33. This project has been \_\_\_\_\_ for several years.

*adj.* having started and currently in progress

34. The \_\_\_\_\_ between the two sides over the proposed policy was heated.

*n.* a set of statements or reasons used to support or refute a proposition or theory;  
a verbal or physical fight or dispute

35. Please write to \_\_\_\_\_ your reservation.

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

36. Solar gravity creates \_\_\_\_\_ pressures and temperatures.

*adj.* very great in amount or degree

37. The doctor examined my \_\_\_\_\_ artery to check for any blockages or abnormalities.

*adj.* relating to the carotid artery, which supplies blood to the head and face

38. The \_\_\_\_\_ expectations of the customers led to a decrease in sales.

*adj.* describing a need, goal, or expectation that has not been satisfied or fulfilled

39. 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

40. The forensic \_\_\_\_\_ collected DNA samples from the crime scene to identify the perpetrator

*n.* a person whose job is to conduct an investigation or inquiry into something,  
often to gather information or evidence

ANSWERS: 32. abnormal, 33. underway, 34. argument, 35. confirm, 36. extreme, 37. carotid, 38. unmet, 39. tumor, 40. investigator

41. 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

42. Her eyes \_\_\_\_\_ with crying.

*v.* to cause very strong feelings such as anger or excitement in a person or a group of people

43. His \_\_\_\_\_ showed highly positive results.

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

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

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

45. She would never \_\_\_\_\_ hurt anyone.

*adv.* in a planned or intended way

46. We can evaluate the performance of an \_\_\_\_\_ in terms of computation time.

*n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

47. They \_\_\_\_\_ customers with a premium for loyal patronage.

*v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

48. The map was divided into four \_\_\_\_\_ to examine the geographical region closely.

*n.* a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes

ANSWERS: 41. medical, 42. inflamed, 43. experiments, 44. medicinal, 45. intentionally, 46. algorithm, 47. encouraged, 48. quadrants

49. There was no \_\_\_\_\_ between their proposals.  
*v.* to partially cover something by going beyond its edge
50. The \_\_\_\_\_ exhibition featured some of the artist's earliest works.  
*adj.* looking back on or dealing with past events or situations, particularly those that are considered important or influential; an exhibition or showing of a particular artist's work, covering an extended period of time
51. My grandfather is seeing a \_\_\_\_\_ to monitor his heart condition.  
*n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
52. The airport is a \_\_\_\_\_ for tourists and travelers from around the world.  
*n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
53. I \_\_\_\_\_ to him that I had seen his sister at the grocery store earlier that day.  
*v.* to speak or write about something or someone briefly
54. The wallpaper had a pattern of pink \_\_\_\_\_ on a white surface.  
*n.* a very small circular mark, especially one that is printed
55. She received special \_\_\_\_\_ training at the hospital.  
*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
56. He had undergone heart \_\_\_\_\_ years before.  
*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 49. overlap, 50. retrospective, 51. cardiologist, 52. hotspot, 53. mentioned, 54. dots, 55. clinical, 56. surgery

57. The pharmaceutical company unveiled its latest breakthrough drug for the \_\_\_\_\_ market.

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

58. Scientists \_\_\_\_\_ that the new fish species evolved to survive in deep-sea environments.

- v.* to form or present a theory or explanation without sufficient evidence; to speculate

59. I am considering what I should do to \_\_\_\_\_ him.

- v.* to persuade someone or make someone believe that something is true

60. They hope to \_\_\_\_\_ their business worldwide.

- v.* to increase or to make something greater in size, number, or importance

61. The defendant gave a \_\_\_\_\_ and accurate description of the accident.

- adj.* easy to do or understand, or simple; free from ambiguity

62. I'm prepared to \_\_\_\_\_ challenges throughout this adventure.

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

63. 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

64. In \_\_\_\_\_ private corporations provide healthcare services.

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

ANSWERS: 57. oncology, 58. hypothesize, 59. convince, 60. expand, 61. straightforward, 62. encounter, 63. biology, 64. addition,

65. We must \_\_\_\_ ourselves of pollution.

- v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

66. All members strictly followed the \_\_\_\_\_ of the organization.

- n.* a belief or set of beliefs that the members of a group accept without being questioned or doubted

67. The perspective of his right brain \_\_\_\_\_ his consciousness.

- v.* to have or control a lot of power and influence over somebody or something

68. My father was tested for \_\_\_\_\_.

- n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

69. It is important not to undertake tasks with \_\_\_\_\_ objectives to improve productivity.

- adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

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

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

71. 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

72. It is \_\_\_\_\_ that we leave for the airport now to catch our flight.

- adj.* requiring immediate attention or action; pressing

ANSWERS: 65. rid, 66. dogma, 67. dominates, 68. diabetes, 69. unclear, 70. recovering, 71. tradition, 72. urgent

73. I want to put that \_\_\_\_\_ of my life behind me.

- n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

74. The \_\_\_\_\_ output of a resting adult is around three quarts per minute.

- adj.* of or relating to the heart or heart disease

75. Cancer cells can \_\_\_\_\_ and spread to other body parts if left untreated.

- v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location

76. After a long hike, I had a huge \_\_\_\_\_ and devoured my meal in minutes.

- n.* a natural desire or craving for food or drink; a strong desire or liking for something

77. This radar quickly \_\_\_\_\_ the position of the enemy.

- v.* to locate or identify the exact position in space or time of something

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

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

79. The teacher attempted to \_\_\_\_\_ the root cause of our mistake.

- v.* to think about in-depth and evaluate to discover essential features or meaning

80. The team's \_\_\_\_\_ in the championship resulted from their hard work and dedication.

- n.* a great victory or achievement

ANSWERS: 73. episode, 74. cardiac, 75. metastasize, 76. appetite, 77. pinpoints, 78. sentinel, 79. analyze, 80. triumph

81. Consumption of vegetables may aid in the prevention of \_\_\_\_\_ cancer.

- n.* the punctuation mark ( : ) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

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

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

83. 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

84. He lit a \_\_\_\_\_ and leaned against the wall.

- n.* a small cylindrical roll of finely cut tobacco leaves wrapped in paper for smoking

85. I used an optical \_\_\_\_\_ to observe the small organisms in the water sample.

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

86. He was \_\_\_\_\_ many times with scissors.

- v.* to cause harm with a sharp, pointed object, such as a knife

87. Cats hate dogs and \_\_\_\_\_ versa.

- n.* wrongdoing or wicked behavior; (in the form of vice versa) with the order reversed; (as a prefix) someone with a job immediately below a particular person

88. I will introduce you to how to \_\_\_\_\_ the leading causes of the malfunction.

- v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 81. colon, 82. evolved, 83. discovery, 84. cigarette, 85. microscope, 86. stabbed, 87. vice, 88. identify

89. 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
90. We want to \_\_\_\_\_ ties between our two countries.  
*v.* to make or become better
91. Her response revealed \_\_\_\_\_ idiocy.  
*adj.* unbelievable; enormous
92. Smoking places you at severe risk of \_\_\_\_\_ and respiratory disease.  
*adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
93. My accidental \_\_\_\_\_ got better right away.  
*n.* harm done to a person's or an animal's body caused by an accident or an attack
94. Her resistance \_\_\_\_\_ under his persuasion.  
*v.* to turn from something solid into something soft or liquid as a result of heating
95. This year's extreme heat has resulted in many heat \_\_\_\_\_ cases.  
*n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
96. He has terminal \_\_\_\_\_ cancer.  
*n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 89. syndrome, 90. improve, 91. incredible, 92. cardiovascular, 93. injury, 94. melted, 95. stroke, 96. lung

97. Protecting your skin from the sun by wearing sunscreen and protective clothing can help reduce the risk of \_\_\_\_\_.
- n.* a type of skin cancer that originates in the cells that produce pigment, usually occurring on sun-exposed skin areas
98. I have no intention to \_\_\_\_\_ your privacy.
- v.* to enter aggressively into another's territory by military force for conquest and occupation
99. The \_\_\_\_\_ of stress over time can lead to health problems.
- n.* the accumulation or increase of something over time
100. 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
101. She's a \_\_\_\_\_ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management
102. We elected him to \_\_\_\_\_ us at the international conference.
- v.* to speak, act, or be present on behalf of another person or group; to form or constitute
103. \_\_\_\_\_ cancer has spread from its original site to other body parts.
- adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
104. Radiation often promotes genetic \_\_\_\_\_ in plants and animals.
- n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

ANSWERS: 97. melanoma, 98. invade, 99. buildup, 100. genetic, 101. responsible, 102. represent, 103. Metastatic, 104. mutations

105. A defective \_\_\_\_\_ is responsible for the disease.

- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

106. The doctor will \_\_\_\_\_ a pacemaker to regulate his heart rate.

- v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

107. The policies he announces can be the \_\_\_\_\_ of economic growth in the country.

- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

108. The farmer used a \_\_\_\_\_ to store feed for the animals.

- n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

109. He is a specialist in the \_\_\_\_\_ of aging.

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

110. This laptop has a \_\_\_\_\_ processor, making it fast and efficient.

- adj.* having two parts, aspects, or elements

111. We \_\_\_\_\_ the payment because of an incorrect invoice.

- v.* to cause something to happen at a later time than originally intended or expected

112. The medicine soothes the pain of chronic \_\_\_\_\_.

- n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

ANSWERS: 105. gene, 106. implant, 107. engine, 108. silo, 109. genetics, 110. dual-core, 111. delayed, 112. inflammation

113. 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

114. The teachers make full use of \_\_\_\_\_ assistance.

- n.* a person who performs or offers to perform a job or service without being paid for or forced to do

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

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

116. Continuous consumption of fatty foods leads to the hardening of the \_\_\_\_\_.

- n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.

117. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.

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

118. X-rays revealed a small tumor in his \_\_\_\_\_.

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

119. Two students answered the teacher's question \_\_\_\_\_.

- adv.* at the same time

120. The museum houses a \_\_\_\_\_ collection of Celtic artifacts.

- adj.* extremely interesting

ANSWERS: 113. biopsy, 114. volunteer, 115. locus, 116. artery, 117. genome, 118. brain, 119. simultaneously, 120. fascinating

121. Cancer cells can evade the immune system's detection by avoiding interactions with \_\_\_\_\_.

- n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells

122. The election was a \_\_\_\_\_ success for the Whigs.

- adj.* worthy of attention because unusual or special

123. 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

124. The path to a solid online \_\_\_\_\_ necessitates a high technical ability.

- n.* the fact or state that someone or something exists, occurs, or is present

125. Wild animals need to go forward with the \_\_\_\_\_ action to survive.

- adj.* the best; most likely to be successful or advantageous

126. This evidence supports the big-bang \_\_\_\_\_.

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

127. She stood on the podium and \_\_\_\_\_ an audience.

- v.* to examine something hastily, with the eyes or with a machine, to get information

128. The strong sunlight brought her out in an itchy \_\_\_\_\_.

- n.* any red spot of the skin, caused by a disease or reaction to something; (adjective) marked by defiance and not caring about risk or consequences

ANSWERS: 121. macrophages, 122. remarkable, 123. patrol, 124. presence, 125. optimal, 126. hypothesis, 127. scanned, 128. rash

129. The \_\_\_\_\_ arrived in port the following day.

*n.* a ship or large boat

130. My sister-\_\_\_\_\_ is a pediatrician who works in a children's hospital.

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

131. The president must have the highest \_\_\_\_\_ standards.

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

132. His membership in the \_\_\_\_\_ provided him with numerous benefits.

*n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

133. 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

134. A double-blind procedure is used to guard against experimenter bias and \_\_\_\_\_ effects.

*n.* harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug

135. That candidate does not have \_\_\_\_\_ means to win an election with certainty.

*adj.* adequate; enough for a particular purpose or requirement

136. The \_\_\_\_\_ of this information to the current situation needs to be investigated.

*n.* the state or degree of being closely connected or appropriate to the matter at hand

ANSWERS: 129. vessel, 130. in-law, 131. ethical, 132. association, 133. lymphoma, 134. placebo, 135. sufficient, 136. relevance

137. He performed \_\_\_\_\_ tricks with sophisticated moves.

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

138. The roads to the airport were heavily \_\_\_\_\_.

- v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

139. Management must take \_\_\_\_\_ responsibility for the accident.

- adj.* furthest or highest in degree or order

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

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

141. In the \_\_\_\_\_ meeting, the team discussed ways to improve productivity.

- adj.* happening or occurring later or after something else

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

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

143. 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

144. The archer aimed his \_\_\_\_\_ carefully at the target.

- n.* a thin, pointed projectile designed to be shot from a bow; a symbol or pointer that is shaped like an arrow

ANSWERS: 137. magic, 138. congested, 139. ultimate, 140. laboratory, 141. subsequent, 142. chromosomes, 143. diagnose, 144. arrow

145. The \_\_\_\_\_ of immigrants into urban areas can create significant social, economic, and political challenges for local communities.

*n.* the arrival or entry of a large number of people, objects, or ideas into a place or system

146. Children \_\_\_\_\_ language at a fantastic rate.

*v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself

147. Their headquarters are in a \_\_\_\_\_ skyscraper.

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

148. The penny fell \_\_\_\_\_ the piano.

*adv.* under or below something else

149. The shape of the DNA \_\_\_\_\_ is a double helix.

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

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

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

151. This pie \_\_\_\_\_ represents our market share.

*n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

152. The judge has a reputation for being fair and \_\_\_\_\_ in his rulings.

*adj.* free from prejudice or favoritism; fair and impartial in judgment and decision-making

ANSWERS: 145. influx, 146. acquire, 147. modern, 148. underneath, 149. molecule, 150. norms, 151. chart, 152. unbiased

153. \_\_\_\_\_ 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

154. The human-crewed \_\_\_\_\_ successfully landed on the moon, fulfilling its mission.

- n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

155. She was nearly \_\_\_\_\_ due to severe diabetes.

- adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

156. The medication caused an \_\_\_\_\_ immune system, resulting in adverse side effects.

- adj.* excessively active; showing an excess of activity or energy

157. 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

158. They \_\_\_\_\_ pictures on the paper in preparation for the birthday card.

- v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

159. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.

- n.* someone who expresses opinions about the quality of books, music, etc.

ANSWERS: 153. Bacteria, 154. spacecraft, 155. blind, 156. overactive, 157. immune, 158. mounted, 159. critics

160. During the hurricane, we felt \_\_\_\_\_ against the winds and rain.

*adj.* lacking power, strength, or authority; unable to act or affect change

161. The cops \_\_\_\_\_ him of being the killer.

*v.* to consider anything to be actual or probable

ANSWERS: 160. powerless, 161. suspected