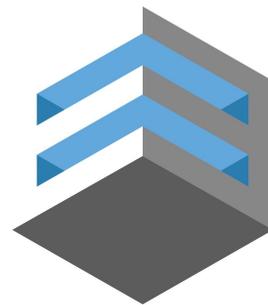


# Englist.me



## Vocabulary Builder Reference from...

Ofer Levy: *The new science of personalized vaccines*

| TED Talk

[https://www.ted.com/talks/ofere\\_levy\\_the\\_new\\_science\\_of\\_personalized\\_vaccines](https://www.ted.com/talks/ofere_levy_the_new_science_of_personalized_vaccines)

### All Words

#### IMPORTANT

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## Session 1: Word List

### overstate

*v.* to exaggerate or make something seem more important or serious than it is

*synonym*: exaggerate, embellish, magnify

(1) **overstate** the issue, (2) **overstate** the importance  
He tends to **overstate** his accomplishments to impress others.

### beneficial

*adj.* helpful, useful, or sound; promoting or enhancing well-being

*synonym*: useful, advantageous, fruitful

(1) a **beneficial** result, (2) **beneficial** to all countries  
Laughing is **beneficial** to our health.

### immunization

*n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

*synonym*: vaccination, shot, inoculation

(1) **immunization** program, (2) childhood **immunization**  
Due to the success of **immunization** programs, certain diseases, such as smallpox, have been eradicated.

### accord

*n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

*synonym* : alliance, pact, agreement

(1) **accord** with public opinion, (2) binational **accord**

The organization finally signed a peace **accord**.

## disease

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

*synonym* : illness, ailment, affliction

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

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

## vaccine

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

*synonym* : vaccinum

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

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

## hospitalize

*v.* to admit someone to a hospital for medical treatment

*synonym* : admit, place in hospital

(1) **hospitalize** patient, (2) **hospitalize** child

She had to be **hospitalized** due to her injuries.

## societal

*adj.* relating to society or social relationships

*synonym* : social, communal, cultural

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

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

## trillion

*n.* the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

## zoom

*v.* to move along very quickly; (noun) the act of rising upward into the air

*synonym* :

move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

## eliminate

*v.* to remove or get rid of someone or something

*synonym*: wipe out, destroy, eradicate

(1) **eliminate** contestants, (2) **eliminate** sexual barriers

We can **eliminate** this possibility from those consumptions.

## 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.

## 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**.

## influenza

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

*synonym*: grippe, flu

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

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

## infect

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

*synonym*: pollute, contaminate, affect

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

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

## infant

*n.* a baby or very young child

*synonym*: baby, newborn, tot

(1) **infant** daughter, (2) **infant** food

Mozart was an **infant** prodigy.

## bloodstream

*n.* the blood flowing through the body

(1) **bloodstream** in an artery, (2) **bloodstream** to the brain

Cancer cells are often carried throughout the body by the **bloodstream**.

## pneumonia

*n.* an infection or inflammation of the lungs, typically caused by bacteria, viruses, or other microorganisms

*synonym*: lung infection, bronchitis

(1) bacterial **pneumonia**, (2) viral **pneumonia**

She was hospitalized with a severe case of **pneumonia**.

## meningitis

*n.* inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck

*synonym*: brain fever, cerebrospinal fever

(1) **meningitis** outbreak, (2) acute **meningitis**

The **meningitis** vaccination is recommended for individuals at a high risk of contracting the illness, such as college students and military personnel.

## permanent

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

*synonym*: lasting, ceaseless, endless

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

insurance

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

## disability

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

*synonym* : impairment, disadvantage, restriction

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

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

## pediatrics

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

*synonym* : pedology, child health

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

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

## folk

*n.* people in general, especially those of a particular group or type

*synonym* : community, family, person

(1) **folk** art, (2) the **folk** songs of a particular district

Some seaweed was used as **folk** medicine in ancient times.

## graph

*n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

*synonym* : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

## introduction

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

*synonym* : initiation, preamble, prologue

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

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

engaging.

## incidence

*n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

*synonym*: occurrence, frequency, prevalence

(1) **incidence** rate, (2) high **incidence** of disease

The **incidence** of crime has decreased in the neighborhood since the new security measures were put in place.

## plummet

*v.* to fall or drop suddenly and steeply; to decline rapidly or sharply

*synonym*: drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

## achieve

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

*synonym*: accomplish, attain, reach

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

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

## maintain

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

*synonym*: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

## communal

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

*synonym*: collaborative, combined, collective

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

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

## develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## microbe

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym*: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

## classic

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

*synonym*: definitive, traditional, typical

(1) a **classic** experiment, (2) Chinese **classic** literature

He displayed the **classic** symptoms of depression.

## immunodeficiency

*n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases

*synonym*: immunosuppression

(1) B-cell **immunodeficiency**, (2) **immunodeficiency** virus  
HIV is an example of an **immunodeficiency** disease.

## virus

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

*synonym* : bacterium, germ, ailment

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

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

## 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.

## progression

*n.* the act or process of changing to the next stage or phase or moving forward

*synonym* : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

## 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**.

## optimize

*v.* to make the best or most effective use of something

*synonym* : advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

## vulnerable

*adj.* capable of being hurt or influenced physically or mentally

*synonym* : susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

## elderly

*adj.* (a polite word for) old

*synonym* : aged, old, senior

(1) a home for the **elderly**, (2) **elderly** woman

The **elderly** woman is quite energetic.

## unfortunately

*adv.* by bad luck; unluckily

*synonym* : regrettably, unluckily, alas

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

**unfortunately**

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

## attitude

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

*synonym* : mindset, perspective, philosophy

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

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

## alarming

*adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing

*synonym* : forbidding, concerning, disturbing

(1) **alarming** news, (2) **alarming** statistics

The sudden rise in crime rates in our neighborhood is quite **alarming**.

## statistics

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

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

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

## organization

*n.* a group of people who work together for a shared purpose

*synonym* : association, institution, community

(1) **organization** chart, (2) agricultural **organization**

She is the president of a large international **organization**.

## declare

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

*synonym*: announce, state, affirm

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

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

## threat

*n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

*synonym*: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

## graphic

*adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful

*synonym*: illustrative, picturesque, visual

(1) **graphic** design, (2) a **graphic** description of an accident

The **graphic** novel was a masterpiece with stunning illustrations that brought the story to life.

## illustrate

*v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation

*synonym*: demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

## sentimental

*adj.* connected with or resulting from someone's emotions, rather than reason or realism

*synonym*: bathetic, drippy, maudlin

(1) in a **sentimental** mood, (2) **sentimental** damage

Stop being **sentimental** and always speak the truth.

## percentage

*n.* the number, amount, or rate of something, which is usually the amount per hundred

*synonym* : rate, ratio, portion

(1) the **percentage** of the gold content, (2) a high **percentage**

What is the **percentage** of the consumption tax in the United States?

## kindergarten

*n.* a school or class for young children, usually between the ages of four and six

*synonym* : preschool, nursery school, daycare

(1) **kindergarten** class, (2) **kindergarten** teacher

The **kindergarten** students were having a good time playing with toys.

## claim

*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

*synonym* : assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

## exempt

*adj.* free from or not subject to a particular requirement or restriction; (verb) to excuse someone or something from an obligation, payment, etc.

*synonym* : free, clear, released

(1) goods **exempt** from tax, (2) **exempt** from the law

Members of the military are **exempt** from paying taxes.

## fin

*n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

*synonym* : flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

## anti-vaxxer

*n.* a person who opposes or refuses to vaccinate themselves or their children, often due to concerns about vaccine safety or efficacy

*synonym* : vaccine skeptic, vaccine hesitator

(1) **anti-vaxxer** campaign, (2) **anti-vaxxer** theory

The debate over vaccine mandates often leads to heated arguments between pro-vaxxers and **anti-vaxxers**.

## consequence

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

*synonym* : result, impact, outcome

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

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

## conquer

*v.* to bring under control by force or authority

*synonym* : defeat, overpower, subdue

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

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

## measles

*n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children

*synonym* : rash, red measles, rubella

(1) **measles** outbreak, (2) **measles** vaccine

The school sent a notice of a **measles** case in one of the classrooms.

## outbreak

*n.* a sudden start of something, usually a disease or something dangerous or unpleasant

*synonym* : eruption, outburst, explosion

(1) infectious disease **outbreaks**, (2) the **outbreak** of hostilities

The government predicts an epidemic **outbreak** of multiple viruses, including coronaviruses and influenza.

## infectious

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

*synonym* : contagious, epidemic, transmittable

(1) an **infectious** fever, (2) person's smile is **infectious**

Leprosy is an indolent **infectious** disease.

## viral

*adj.* relating to or caused by a virus

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

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

## particle

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

*synonym* : atom, grain, bit

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

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

## 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.

## stadium

*n.* a large, usually roofless building with tiers of seats for spectators at sports or other events

*synonym* : arena, field, park

(1) **stadium** seating, (2) **stadium** capacity

The baseball **stadium** was filled with excited fans eagerly awaiting the start of the game.

## distance

*n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

*synonym* : space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short

amount of time.

## cough

*v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound

*synonym*: hack, clear throat, wheeze

(1) **cough** several times, (2) persistent **cough**

I can't stop **coughing** and think I might have caught a cold.

## auditorium

*n.* a room or building used for concerts, plays, or other public performances

*synonym*: hall, theater, amphitheater

(1) open-air **auditorium**, (2) **auditorium** annex

The **auditorium** seating was filled with people waiting for the concert to begin.

## stewardess

*n.* (considered to be outdated, and "flight attendant" is more appropriate) a female flight attendant; a woman who serves passengers on a ship or other form of transportation

*synonym*: flight attendant, cabin crew, air hostess

(1) **stewardess** uniform, (2) airline **stewardess**

The job of a **stewardess** requires excellent communication and customer service skills.

## contract

*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

*synonym*: agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

## flee

*v.* to leave by running away, especially out of fear or danger

*synonym*: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

## 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**.

## encephalitis

*n.* inflammation of the brain that is usually caused by a viral infection but can also be caused by a bacterial or fungal infection, an autoimmune reaction, or exposure to certain chemicals or toxins

*synonym* : brain fever, phrenitis

(1) **encephalitis** outbreak, (2) viral **encephalitis**

The patient was diagnosed with **encephalitis** after showing symptoms of fever and headache.

## resist

*v.* to refuse to accept something and attempt to prevent it from happening

*synonym* : fight, defy, revolt

(1) **resist** temptation, (2) **resist** being kissed

I chose to **resist** cancer by trying every possible treatment.

## vaccinate

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

*synonym* : immunize, inject, inoculate

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

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

## recommend

*v.* to suggest that someone or something would be a suitable fit for a particular purpose or role

*synonym* : advise, suggest, instruct

(1) **recommend** a hospitalization, (2) **recommend** reading

We **recommend** taking media training every six months.

## schedule

*n.* a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done

*synonym* : agenda, program, itinerary

(1) a heavy **schedule**, (2) arrange my **schedule**

So far, the meeting is going according to **schedule**.

## consultant

*n.* a person who provides professional or expert advice

*synonym* : expert, advisor, specialist

(1) **consultant** firm, (2) chief **consultant**

We hired a management **consultant** to help us improve our business strategy.

## dial

*v.* to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called

*synonym* : adjust, set, turn

(1) **dial** up the volume, (2) **dial** down the tension

He **dialed** the phone number and waited for an answer.

## depict

*v.* to illustrate someone or something in a photograph

*synonym* : illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

## axis

*n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

*synonym* : central, core, pole

(1) vertical **axis**, (2) a coordinate **axis**

The earth's **axis** of rotation is tilted 66.5 degrees to the ecliptic plane.

## distribute

*v.* to give something to a large number of individuals, or to spread or furnish something

*synonym* : broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content  
His estate was **distributed** to his sons.

## stark

*adj.* empty, simple, or apparent; devoid of any qualifications  
*synonym*: crude, blunt, desolate

(1) **stark** landscape, (2) **stark** truth

The scenery of the battlefield was **stark** and grey.

## shield

*n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

*synonym*: guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet  
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

## speculate

*v.* to form a theory or conjecture or guess about a subject without solid evidence

*synonym*: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

## unfounded

*adj.* not based on good evidence or reason; without foundation or justification

*synonym*: baseless, groundless, untrue

(1) **unfounded** allegations, (2) **unfounded** fears

The accusations were **unfounded** and lacked evidence.

## 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.

## immunology

*n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as

viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies

*synonym*: study of immunity, immunobiology, serology

(1) **immunology** research, (2) **immunology** laboratory

Recent advances in **immunology** have shown promise in the fight against cancer

## panel

*n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

*synonym*: board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

## antigen

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

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

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

## germ

*n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

*synonym*: bacterium, microbe, pathogen

(1) antibiotic-resistant **germ**, (2) a **germ-free** environment

The **germ** of his idea came from watching birds flying in flocks.

## antibody

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

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

This pharmaceutical company is developing **antibody** drugs

with fewer side effects.

## induce

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

*synonym*: cause, encourage, persuade

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

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

## 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**.

## 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.

## boost

*v.* to improve, raise, or increase something

*synonym*: raise, advance, promote

(1) **boost** the economy, (2) **boost** flexibility

The new service helped **boost** net income by 10%.

## adjuvant

*n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness

*synonym*: additive, enhancer, supplement

(1) **adjuvant** medication, (2) vaccine **adjuvant**

The doctor prescribed an **adjuvant** therapy to help enhance the effectiveness of the cancer treatment.

**aid** *n.* things sent to help countries in need, notably food or money; support  
*synonym*: helper, resource, assistance  
(1) financial **aid**, (2) country-by-country **aid** programs  
Pakistan's **aid** budget was still being reviewed.

**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.

**profound** *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension  
*synonym*: deep, unsounded, far-reaching  
(1) a **profound** book, (2) the **profound** depths of the sea  
My mother's illness had a **profound** impact on us all.

**durable** *adj.* capable of lasting and being used for a long time without being damaged or destroyed  
*synonym*: enduring, stable, long-lasting  
(1) **durable** peace, (2) **durable** materials  
Our company's products are made of highly **durable** materials.

**immunity** *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies  
*synonym*: resistance, protection, defense  
(1) **immunity** booster, (2) **immunity** response  
Vaccination is an effective way to build **immunity** against diseases.

**demographic** *n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.  
(1) **demographic** analyses, (2) **demographic** policy

Several **demographic** indicators correlate with care admission.

## precision

*n.* the quality or condition of being exact and accurate  
*synonym* : accuracy, exactness, rigor

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

## 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.

## vary

*v.* to become different in terms of size, shape, etc.  
*synonym* : alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price  
Maximum heart rates **vary** a lot for each individual.

## stepwise

*adj.* happening or proceeding in a series of regular stages rather than continuously

(1) a **stepwise** shape, (2) recommend a **stepwise** approach  
This module generates a **stepwise** controlled voltage.

## sophisticated

*adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion  
*synonym* : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle  
Marketing strategies are growing more **sophisticated**.

## nowhere

*adv.* not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**  
I've been thinking all day and getting **nowhere**.

## muscular

*adj.* of or relating to the muscles; having or suggesting great physical power or force

*synonym* :

powerful, athletic, brawny

(1) a **muscular** person, (2) **muscular** contraction  
She worked hard to treat her **muscular** dystrophy.

## nasal

*adj.* relating to the nose or the sense of smell; characterized by or involving the nasal passage

*synonym* : adenoidal, pinched, rhinal

(1) **nasal** congestion, (2) **nasal** bone

The **nasal** spray helped alleviate my allergies.

## component

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

*synonym* : element, part, factor

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

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

## mediate

*v.* to try to bring about an agreement or understanding between people who are in conflict

*synonym* : arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation

The teacher had to **mediate** a disagreement between two students over a stolen pencil.

## decision

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

*synonym* : choice, determination, judgment

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

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

## vitro

*n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish

*synonym* : glass, container, vessel

(1) in **vitro** fermentation, (2) in **vitro** diagnostics  
The lab technician used in **vitro** fertilization to help the couple conceive.

## tissue

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

*synonym*: structure, texture, anatomy

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

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

## engineer

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

*synonym*: architect, creator, builder

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

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

## candid

*adj.* honest, straightforward, and frank in someone's words or actions

*synonym*: honest, frank, straightforward

(1) **candid** conversation, (2) in my **candid** opinion

The **candid** photography captured the genuine emotions of the moment.

## phase

*n.* any stage in a series of events, change, or development

*synonym*: degree, stage, step

(1) enter on the last **phase**, (2) two- **phase** structure

The era of the industrial revolution was a crucial **phase** of history.

## 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.

## combination

*n.* a collection of things that have been combined; an assemblage of separate parts or qualities

*synonym* : blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

## 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.

## pathogen

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

*synonym* : germ, microbe, bacterium

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

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

## defend

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

*synonym* : protect, guard, support

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

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

## 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.

## innovative

*adj.* introducing or using new methods, ideas, etc.

*synonym* : creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative**

works

The Prime Minister stressed the need to create **innovative** industries.

## cutting-edge

*adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

*synonym* : state-of-the-art, innovative, advanced

(1) **cutting-edge** molecular biology, (2) **cutting-edge** design

The **cutting-edge** technology was revolutionary in its field.

## dive

*v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

*synonym* : dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff

The sperm whale can **dive** to 1,000 meters.

## consortium

*n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal

*synonym* : partnership, association, alliance

(1) **consortium** agreement, (2) academic **consortium**

The **consortium** of companies pooled their resources to fund the project.

## hepatitis

*n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus

*synonym* : liver inflammation, liver disease, jaundice

(1) chronic **hepatitis**, (2) viral **hepatitis**

The patient was diagnosed with **hepatitis** C and will need treatment to clear the virus from her body.

## technique

*n.* a particular way or art of doing something that needs skill

*synonym* : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to

construction

Jockey's superior **technique** brought him victory.

## inventory

*n.* a complete list of all the items or goods held in stock by a business or organization; the act of making such a list

*synonym*: stock, supplies, goods

(1) **inventory** control, (2) annual **inventory**

The store manager took **inventory** of the products on the shelves to know what needed restocking.

## diagram

*n.* a simplified illustration of the appearance, structure, or workings of something

*synonym*: chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment operates.

## yield

*n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

*synonym*: proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

## analyte

*n.* a substance or chemical component that is being analyzed, usually in a laboratory setting

(1) biochemical **analytes**, (2) blood **analyte**

The **analyte** concentration in the sample was too low to measure accurately.

## hairball

*n.* a mass of hair that accumulates inside an animal's digestive system, typically in the stomach or intestines, and is eventually expelled through the mouth; a complex or tangled mess of code, systems, or processes

*synonym*: trichobezoar, furball, complication

(1) **hairball** problem, (2) **hairball** obstruction

The cat was coughing up a **hairball** and must be taken to the

vet.

## 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.

## molecular

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

*synonym*: microscopic, atomic

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

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

## exciting

*adj.* causing a lot of interest or excitement

*synonym*: exhilarating, stimulating, thrilling

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

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

## invigorate

*v.* to give energy, enthusiasm, or vitality to something or someone; to revitalize or refresh

*synonym*: energize, stimulate, revitalize

(1) **invigorate** the economy, (2) **invigorate** the team

Exercising in the morning helps to **invigorate** my mind and body.

## advance

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

*synonym*: progress, boost, come along

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

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

## physician

*n.* a medical doctor who practices medicine

*synonym*: doctor, practitioner, medic

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

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

## pertussis

*n.* a highly contagious bacterial infection characterized by severe coughing spasms, commonly known as whooping cough

*synonym*: whooping cough, pertussoid, kink cough

(1) childhood **pertussis**, (2) **pertussis** immunization

**Pertussis** outbreaks can occur in communities with low vaccination rates.

## whoop

*v.* to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise

*synonym*: yell, shout, cheer

(1) **whoop** with joy, (2) **whoop** it up at a party

The winning team began to **whoop** and holler with excitement.

## respiratory

*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

*synonym*: breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

## syncytial

*adj.* relating to or characterized by a type of cell structure in which multiple nuclei are contained in a single cytoplasmic mass

*synonym*: multinucleate, fused, united

(1) **syncytial** virus, (2) **syncytial** fusion

**Syncytial** cells have multiple nuclei and are often found in the placenta.

## cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

*synonym* : tumor, carcinoma, malignancy

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

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

## allergy

*n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs

*synonym* : hypersensitivity, reaction

(1) food **allergy**, (2) **allergy** treatment

The **allergy** test helped to determine the cause of her symptoms.

## opioid

*n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted

(1) an **opioid** analgesic, (2) **opioid** receptor

Treatment for **opioid** dependence may be a long-term process.

## overdose

*n.* excessive and dangerous ingestion or application of a drug

*synonym* : superfluousness, exuberance, excessiveness

(1) **overdose** of alcohol, (2) opioid **overdose**

It would help if you refrained from an **overdose** of caffeine.

## fragile

*adj.* delicate or easily broken or damaged

*synonym* : delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem

The vase was made of **fragile** ceramic and easily broke when it was dropped.

## foster

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

legal parents

*synonym* : nurture, nourish, cultivate

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

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

**accurate**

*adj.* correct and exact in all details

*synonym* : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

**dialogue**

*n.* a conversation in a book, play, or film

*synonym* : conversation, discussion, talk

(1) Platonic **dialogues**, (2) the form of a **dialogue**

He recorded the **dialogue** at the time of the incident.

**verge**

*n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

*synonym* : brink, edge, margin

(1) **verge** of bankruptcy, (2) on the **verge** of tears

He stood on the **verge** of a major discovery.

**scratch**

*v.* to cut or damage the surface of something or the skin with a sharp or pointed object

*synonym* : claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

**accomplished**

*adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

*synonym* : achieved, finished, completed

(1) **accomplished** at a very early age, (2) **accomplished** goal

She felt **accomplished** after finishing her book.

## advocate

*n.* a person who supports or suggests an idea, development, or way of doing something

*synonym*: proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education

### **advocates**

**Advocates** of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

## Session 2: Spelling

1. sop\_\_\_\_\_ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
2. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
3. al\_\_\_\_\_y treatment *n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs
4. a coordinate a\_\_s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
5. ac\_\_\_d with public opinion *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
6. environmental th\_\_\_t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
7. high in\_\_\_\_\_ce of disease *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

ANSWERS: 1. sophisticated, 2. brain, 3. allergy, 4. axis, 5. accord, 6. threat, 7. incidence

8. in\_\_\_t food *n.* a baby or very young child
9. me\_\_\_\_s vaccine *n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
10. ca\_\_\_d conversation *adj.* honest, straightforward, and frank in someone's words or actions
11. biochemical an\_\_\_\_es *n.* a substance or chemical component that is being analyzed, usually in a laboratory setting
12. me\_\_\_\_e a negotiation *v.* to try to bring about an agreement or understanding between people who are in conflict
13. acc\_\_\_\_te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
14. org\_\_\_\_ion chart *n.* a group of people who work together for a shared purpose
15. a ben\_\_\_\_al result *adj.* helpful, useful, or sound; promoting or enhancing well-being
16. 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
17. food al\_\_\_\_y *n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs

ANSWERS: 8. infant, 9. measles, 10. candid, 11. analyte, 12. mediate, 13. accelerate, 14. organization, 15. beneficial, 16. bacteria, 17. allergy

- |                             |  |
|-----------------------------|--|
| 18. blo_____am to the brain | <i>n.</i> the blood flowing through the body   |
| 19. im_____e the test score | <i>v.</i> to make or become better   |
| 20. basic br__n function    | <i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling   |
| 21. driving di_____ce       | <i>n.</i> the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance |
| 22. small mo_____les        | <i>n.</i> a group of two or more atoms held together by attractive forces known as chemical bonds  |
| 23. in_____ry control       | <i>n.</i> a complete list of all the items or goods held in stock by a business or organization; the act of making such a list   |
| 24. gr__h theory            | <i>n.</i> a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other   |
| 25. z__m in on a photo      | <i>v.</i> to move along very quickly; (noun) the act of rising upward into the air   |
| 26. f__e their homes        | <i>v.</i> to leave by running away, especially out of fear or danger   |
| 27. a facial ti_____e       | <i>n.</i> an ensemble of similar cells of the animal or plant that together carry out a specific function  |

ANSWERS: 18. bloodstream, 19. improve, 20. brain, 21. distance, 22. molecule, 23. inventory, 24. graph, 25. zoom, 26. flee, 27. tissue

28. sp\_\_\_\_\_te about the reason      *v.* to form a theory or conjecture or guess about a subject without solid evidence
29. in a di\_\_\_\_\_m      *n.* a simplified illustration of the appearance, structure, or workings of something
30. im\_\_\_\_\_e a process      *v.* to make or become better
31. mo\_\_\_\_\_ar biology      *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
32. sy\_\_\_\_\_al virus      *adj.* relating to or characterized by a type of cell structure in which multiple nuclei are contained in a single cytoplasmic mass
33. harmless ba\_\_\_\_\_ia      *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
34. dem\_\_\_\_\_ic policy      *n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.
35. chronic he\_\_\_\_\_is      *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
36. ca\_\_\_\_r diagnosis      *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 28. speculate, 29. diagram, 30. improve, 31. molecular, 32. syncytial, 33. bacteria, 34. demographic, 35. hepatitis, 36. cancer



47. kin\_\_\_\_\_ten teacher *n.* a school or class for young children, usually between the ages of four and six
48. va\_\_\_\_\_te every year *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
49. pe\_\_\_\_\_nt life insurance *adj.* lasting for a long time without essential change
50. a heavy sc\_\_\_\_\_le *n.* a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
51. back f\_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
52. co\_\_\_\_\_ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
53. childhood imm\_\_\_\_\_ion *n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure
54. B-cell imm\_\_\_\_\_ncy *n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases
55. at\_\_\_\_\_de toward mistakes *n.* the way you think and feel about someone or something

ANSWERS: 47. kindergarten, 48. vaccinate, 49. permanent, 50. schedule, 51. fin, 52. contract, 53. immunization, 54. immunodeficiency, 55. attitude

56. ov\_\_\_\_\_te the issue      *v.* to exaggerate or make something seem more important or serious than it is
57. an\_\_\_\_\_dy against bacteria      *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
58. provide ac\_\_\_\_\_te information      *adj.* correct and exact in all details
59. fo\_\_\_\_r two kids      *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
60. charged pa\_\_\_\_\_le      *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
61. a st\_\_\_\_\_se shape      *adj.* happening or proceeding in a series of regular stages rather than continuously
62. cl\_\_\_\_\_al surgery      *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
63. in a sen\_\_\_\_\_al mood      *adj.* connected with or resulting from someone's emotions, rather than reason or realism
64. na\_\_l congestion      *adj.* relating to the nose or the sense of smell; characterized by or involving the nasal passage
65. consult with a ph\_\_\_\_\_an      *n.* a medical doctor who practices medicine
66. sp\_\_\_\_\_te on the outcome      *v.* to form a theory or conjecture or guess about a subject without solid evidence

ANSWERS: 56. overstate, 57. antibody, 58. accurate, 59. foster, 60. particle, 61. stepwise, 62. clinical, 63. sentimental, 64. nasal, 65. physician, 66. speculate

67. arrange my sc\_\_\_\_\_le  
*n.* a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
68. use of inn\_\_\_\_\_ve technology  
*adj.* introducing or using new methods, ideas, etc.
69. key co\_\_\_\_\_nt  
*n.* one of several parts that combines with others to form something bigger
70. pa\_\_\_\_\_y to understanding  
*n.* a track that constitutes or serves as a path; an approach or a way of doing something
71. cl\_\_m responsibility  
*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
72. employment co\_\_\_\_\_ct  
*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
73. alleviate res\_\_\_\_\_ry ailments  
*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
74. ste\_\_\_\_\_ss uniform  
*n.* (considered to be outdated, and "flight attendant" is more appropriate) a female flight attendant; a woman who serves passengers on a ship or other form of transportation

ANSWERS: 67. schedule, 68. innovative, 69. component, 70. pathway, 71. claim, 72. contract, 73. respiratory, 74. stewardess

75. re\_\_\_\_\_nd reading      *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
76. in\_\_\_e a crisis      *v.* to persuade someone to do something; to cause to act in a specific manner
77. in\_\_\_t a computer with a virus      *v.* to affect a person, an animal, or a plant with a disease-causing organism
78. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
79. inv\_\_\_\_\_te the economy      *v.* to give energy, enthusiasm, or vitality to something or someone; to revitalize or refresh
80. bacterial pn\_\_\_\_\_ia      *n.* an infection or inflammation of the lungs, typically caused by bacteria, viruses, or other microorganisms
81. ma\_\_\_\_\_in good health      *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
82. pa\_\_\_\_\_le energy      *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
83. ur\_\_\_t situation      *adj.* requiring immediate attention or action; pressing
84. a high per\_\_\_\_\_ge      *n.* the number, amount, or rate of something, which is usually the amount per hundred
85. fight vi\_\_\_l infections      *adj.* relating to or caused by a virus

ANSWERS: 75. recommend, 76. induce, 77. infect, 78. engineer, 79. invigorate, 80. pneumonia, 81. maintain, 82. particle, 83. urgent, 84. percentage, 85. viral

86. op\_\_\_\_\_ze a process *v.* to make the best or most effective use of something
87. official sta\_\_\_\_\_cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
88. tr\_\_\_\_\_on cubic feet *n.* the number 1,000,000,000,000; a million million
89. v\_\_y according to the age *v.* to become different in terms of size, shape, etc.
90. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
91. corn yi\_\_d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
92. sy\_\_\_\_\_al fusion *adj.* relating to or characterized by a type of cell structure in which multiple nuclei are contained in a single cytoplasmic mass
93. co\_\_\_\_\_al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
94. enter on the last ph\_\_e *n.* any stage in a series of events, change, or development
95. 3D di\_\_\_\_\_m *n.* a simplified illustration of the appearance, structure, or workings of something
96. men\_\_\_\_\_is outbreak *n.* inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck

ANSWERS: 86. optimize, 87. statistics, 88. trillion, 89. vary, 90. advance, 91. yield, 92. syncytial, 93. communal, 94. phase, 95. diagram, 96. meningitis

97. hos\_\_\_\_\_ze patient      *v.* to admit someone to a hospital for medical treatment
98. in\_\_\_e him to see a doctor      *v.* to persuade someone to do something; to cause to act in a specific manner
99. st\_\_\_\_\_m seating      *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
100. ov\_\_\_\_\_te the importance      *v.* to exaggerate or make something seem more important or serious than it is
101. airline ste\_\_\_\_\_ss      *n.* (considered to be outdated, and "flight attendant" is more appropriate) a female flight attendant; a woman who serves passengers on a ship or other form of transportation
102. ac\_\_\_\_\_e milestones      *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
103. an epidemic outbreak of in\_\_\_\_\_za      *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
104. im\_\_\_\_\_ty booster      *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
105. ac\_\_\_\_\_e success      *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 97. hospitalize, 98. induce, 99. stadium, 100. overstate, 101. stewardess, 102. achieve, 103. influenza, 104. immunity, 105. achieve

106. co\_\_\_\_r the world                    *v.* to bring under control by force or authority
107. childhood pe\_\_\_\_\_is            *n.* a highly contagious bacterial infection characterized by severe coughing spasms, commonly known as whooping cough
108. ve\_\_e of bankruptcy                *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
109. de\_\_\_\_p a skill                      *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
110. ad\_\_\_\_\_e the technology        *v.* to go or move forward; to develop in a positive way
111. va\_\_\_\_\_te against scarlet fever    *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
112. ant\_\_\_\_\_er campaign            *n.* a person who opposes or refuses to vaccinate themselves or their children, often due to concerns about vaccine safety or efficacy
113. con\_\_\_\_\_um agreement            *n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
114. a vul\_\_\_\_\_le bridge              *adj.* capable of being hurt or influenced physically or mentally

ANSWERS: 106. conquer, 107. pertussis, 108. verge, 109. develop, 110. advance, 111. vaccinate, 112. anti-vaxxer, 113. consortium, 114. vulnerable

115. academic con\_\_\_\_\_um *n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
116. du\_\_\_\_\_e materials *adj.* capable of lasting and being used for a long time without being damaged or destroyed
117. im\_\_\_\_\_ty response *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
118. ant\_\_\_\_\_er theory *n.* a person who opposes or refuses to vaccinate themselves or their children, often due to concerns about vaccine safety or efficacy
119. the cell of the im\_\_\_\_\_e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
120. aud\_\_\_\_\_um annex *n.* a room or building used for concerts, plays, or other public performances
121. unintended con\_\_\_\_\_ces *n.* the outcome of a particular action or event, especially relative to an individual
122. detect a vi\_\_l code *adj.* relating to or caused by a virus
123. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
124. the con\_\_\_\_\_ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
125. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 115. consortium, 116. durable, 117. immunity, 118. anti-vaxxer, 119. immune, 120. auditorium, 121. consequence, 122. viral, 123. progression, 124. consequence, 125. statistics

126. kin\_\_\_\_\_ten class *n.* a school or class for young children, usually between the ages of four and six
127. an ad\_\_\_\_\_te of disarmament *n.* a person who supports or suggests an idea, development, or way of doing something
128. treat the in\_\_\_\_\_on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
129. in\_\_\_\_\_ce rate *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant
130. many tr\_\_\_\_\_ons of dollars *n.* the number 1,000,000,000,000; a million million
131. du\_\_\_\_\_e peace *adj.* capable of lasting and being used for a long time without being damaged or destroyed
132. opioid ov\_\_\_\_\_se *n.* excessive and dangerous ingestion or application of a drug
133. the evidence of the pr\_\_\_\_\_ce *n.* the fact or state that someone or something exists, occurs, or is present
134. st\_\_k landscape *adj.* empty, simple, or apparent; devoid of any qualifications
135. art cr\_\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
136. a heat sh\_\_\_\_d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

ANSWERS: 126. kindergarten, 127. advocate, 128. infection, 129. incidence, 130. trillion, 131. durable, 132. overdose, 133. presence, 134. stark, 135. critic, 136. shield

137. int\_\_\_\_\_ion education      *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
138. on the ve\_\_e of tears      *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
139. recommend a st\_\_\_\_\_se approach      *adj.* happening or proceeding in a series of regular stages rather than continuously
140. the per\_\_\_\_\_ge of the gold content      *n.* the number, amount, or rate of something, which is usually the amount per hundred
141. f\_\_k art      *n.* people in general, especially those of a particular group or type
142. a learning dis\_\_\_\_\_ty      *n.* a physical or mental condition that makes it difficult for someone to do some things that other people do
143. mi\_\_\_\_\_es sterilizer      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
144. st\_\_\_\_\_m capacity      *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
145. binational ac\_\_\_\_d      *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

ANSWERS: 137. introduction, 138. verge, 139. stepwise, 140. percentage, 141. folk, 142. disability, 143. microbe, 144. stadium, 145. accord

146. a sh\_\_\_d for protecting against a bullet  
*n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
147. im\_\_\_e from criminal prosecution  
*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
148. st\_\_k truth  
*adj.* empty, simple, or apparent; devoid of any qualifications
149. persistent co\_\_h  
*v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound
150. di\_\_\_\_\_e control  
*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
151. goods ex\_\_\_t from tax  
*adj.* free from or not subject to a particular requirement or restriction; (verb) to excuse someone or something from an obligation, payment, etc.
152. co\_\_\_\_\_r fatal disease  
*v.* to bring under control by force or authority
153. ind\_\_\_\_\_al freedom  
*n.* a single person or thing, as distinct from a group
154. a selfish de\_\_\_\_\_on  
*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 146. shield, 147. immune, 148. stark, 149. cough, 150. disease, 151. exempt, 152. conquer, 153. individual, 154. decision

155. de\_\_\_t a scene *v.* to illustrate someone or something in a photograph
156. de\_\_\_\_\_on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
157. ex\_\_\_\_\_ng news *adj.* causing a lot of interest or excitement
158. mo\_\_\_\_\_le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
159. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
160. ill\_\_\_\_\_te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
161. come out of no\_\_\_\_\_e *adv.* not in, at, or to any place; not anywhere
162. stylistically inn\_\_\_\_\_ve works *adj.* introducing or using new methods, ideas, etc.
163. at\_\_\_\_\_de control *n.* the way you think and feel about someone or something
164. cost of solar pa\_\_ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
165. agricultural org\_\_\_\_\_ion *n.* a group of people who work together for a shared purpose

ANSWERS: 155. depict, 156. decision, 157. exciting, 158. molecule, 159. engineer, 160. illustrate, 161. nowhere, 162. innovative, 163. attitude, 164. panel, 165. organization

166. a gr\_\_\_\_c description of an accident
167. imm\_\_\_\_\_ncy virus
168. imm\_\_\_\_\_gy laboratory
169. blo\_\_\_\_\_am in an artery
170. pathogenic mi\_\_\_\_\_e
171. a g\_\_m-free environment
172. mu\_\_\_\_\_ar contraction
173. wh\_\_p it up at a party
- adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
- n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases
- n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
- n.* the blood flowing through the body
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
- n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
- adj.* of or relating to the muscles; having or suggesting great physical power or force
- v.* to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise

ANSWERS: 166. graphic, 167. immunodeficiency, 168. immunology, 169. bloodstream, 170. microbe, 171. germ, 172. muscular, 173. whoop

174. pa\_\_l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
175. the advice of the ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
176. Platonic di\_\_\_\_\_ues *n.* a conversation in a book, play, or film
177. viral an\_\_\_\_\_n *n.* a substance that triggers the body's immune response (= the reaction for fighting infections) for defending the body, especially by producing antibodies (= proteins that identify and attack harmful bacteria, viruses, etc.)
178. ex\_\_\_t from the law *adj.* free from or not subject to a particular requirement or restriction; (verb) to excuse someone or something from an obligation, payment, etc.
179. ma\_\_\_\_\_in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
180. plant pa\_\_\_\_\_en *n.* a bacterium, virus, or other microorganism that causes disease
181. so\_\_\_\_\_al norms *adj.* relating to society or social relationships
182. pl\_\_\_\_\_t against other major currencies *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
183. pe\_\_\_\_\_is immunization *n.* a highly contagious bacterial infection characterized by severe coughing spasms, commonly known as whooping cough

ANSWERS: 174. panel, 175. physician, 176. dialogue, 177. antigen, 178. exempt, 179. maintain, 180. pathogen, 181. societal, 182. plummet, 183. pertussis

184. a pr\_\_\_\_\_on instrument      *n.* the quality or condition of being exact and accurate
185. an oral va\_\_\_\_\_e      *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
186. economic th\_\_\_\_t      *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
187. infectious disease ou\_\_\_\_\_aks      *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
188. me\_\_\_\_\_al chemistry      *adj.* of or relating to the treatment or cure of disease
189. el\_\_\_\_\_y woman      *adj.* (a polite word for) old
190. a private ind\_\_\_\_\_al      *n.* a single person or thing, as distinct from a group
191. com\_\_\_\_\_on number      *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
192. the ou\_\_\_\_\_ak of hostilities      *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
193. a gr\_\_h sample      *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 184. precision, 185. vaccine, 186. threat, 187. outbreak, 188. medicinal, 189. elderly, 190. individual, 191. combination, 192. outbreak, 193. graph

194. un\_\_\_\_\_ed fears *adj.* not based on good evidence or reason; without foundation or justification
195. politically fr\_\_\_\_\_e nation *adj.* delicate or easily broken or damaged
196. co\_\_\_\_\_al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
197. op\_\_\_\_d receptor *n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted
198. viral he\_\_\_\_\_is *n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
199. dem\_\_\_\_\_ic analyses *n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.
200. vul\_\_\_\_\_le parts of the body *adj.* capable of being hurt or influenced physically or mentally
201. so\_\_\_\_\_al expectations *adj.* relating to society or social relationships
202. con\_\_\_\_\_nt firm *n.* a person who provides professional or expert advice
203. vertical a\_\_s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
204. viral enc\_\_\_\_\_tis *n.* inflammation of the brain that is usually caused by a viral infection but can also be caused by a bacterial or fungal infection, an autoimmune reaction, or exposure to certain chemicals or toxins

ANSWERS: 194. unfounded, 195. fragile, 196. communal, 197. opioid, 198. hepatitis, 199. demographic, 200. vulnerable, 201. societal, 202. consultant, 203. axis, 204. encephalitis

205. ha\_\_\_\_ll obstruction *n.* a mass of hair that accumulates inside an animal's digestive system, typically in the stomach or intestines, and is eventually expelled through the mouth; a complex or tangled mess of code, systems, or processes
206. a sop\_\_\_\_\_ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
207. a bacterial in\_\_\_\_\_on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
208. chief con\_\_\_\_\_nt *n.* a person who provides professional or expert advice
209. a cl\_\_\_\_c experiment *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
210. unf\_\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily
211. me\_\_\_\_s outbreak *n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
212. acc\_\_\_\_\_te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
213. ca\_\_\_\_r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 205. hairball, 206. sophisticated, 207. infection, 208. consultant, 209. classic, 210. unfortunately, 211. measles, 212. accelerate, 213. cancer

214. public education ad\_\_\_\_\_tes      *n.* a person who supports or suggests an idea, development, or way of doing something
215. re\_\_\_\_t temptation      *v.* to refuse to accept something and attempt to prevent it from happening
216. sc\_\_\_\_\_h my signature      *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
217. the yi\_\_d on the bond      *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
218. z\_\_m lens      *v.* to move along very quickly; (noun) the act of rising upward into the air
219. open-air aud\_\_\_\_\_um      *n.* a room or building used for concerts, plays, or other public performances
220. mo\_\_\_\_\_ar structure      *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
221. ped\_\_\_\_\_cs clinic      *n.* the branch of medicine that deals with the care and treatment of children
222. development of va\_\_\_\_\_es      *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
223. v\_\_y directly with the price      *v.* to become different in terms of size, shape, etc.

ANSWERS: 214. advocate, 215. resist, 216. scratch, 217. yield, 218. zoom, 219. auditorium, 220. molecular, 221. pediatrics, 222. vaccine, 223. vary



232. ac\_\_\_\_te measurements *adj.* correct and exact in all details
233. viral pn\_\_\_\_\_ia *n.* an infection or inflammation of the lungs, typically caused by bacteria, viruses, or other microorganisms
234. a te\_\_\_\_\_ue in martial arts *n.* a particular way or art of doing something that needs skill
235. al\_\_\_\_\_ng news *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
236. no\_\_\_\_\_e else to go *adv.* not in, at, or to any place; not anywhere
237. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
238. the pr\_\_\_\_\_nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
239. produce an\_\_\_\_\_dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
240. hos\_\_\_\_\_ze child *v.* to admit someone to a hospital for medical treatment
241. the pa\_\_\_\_\_en in the air *n.* a bacterium, virus, or other microorganism that causes disease
242. imm\_\_\_\_\_gy research *n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies

ANSWERS: 232. accurate, 233. pneumonia, 234. technique, 235. alarming, 236. nowhere, 237. medicinal, 238. profound, 239. antibody, 240. hospitalize, 241. pathogen, 242. immunology

243. even more unf\_\_\_\_\_ely *adv.* by bad luck; unluckily
244. in\_\_\_\_\_za B strain *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
245. un\_\_\_\_\_ed allegations *adj.* not based on good evidence or reason; without foundation or justification
246. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
247. op\_\_\_\_\_ze control for cooling *v.* to make the best or most effective use of something
248. antibiotic-resistant g\_\_m *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
249. ill\_\_\_\_\_te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
250. fr\_\_\_\_\_e ecosystem *adj.* delicate or easily broken or damaged
251. cut\_\_\_\_\_dge molecular biology *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
252. re\_\_\_\_\_nd a hospitalization *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
253. d\_\_l down the tension *v.* to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called

ANSWERS: 243. unfortunately, 244. influenza, 245. unfounded, 246. exciting, 247. optimize, 248. germ, 249. illustrate, 250. fragile, 251. cutting-edge, 252. recommend, 253. dial

254. gr\_\_\_\_c design *adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
255. de\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
256. na\_\_l bone *adj.* relating to the nose or the sense of smell; characterized by or involving the nasal passage
257. ha\_\_\_\_ll problem *n.* a mass of hair that accumulates inside an animal's digestive system, typically in the stomach or intestines, and is eventually expelled through the mouth; a complex or tangled mess of code, systems, or processes
258. loss of muscle ti\_\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
259. al\_\_\_\_ng statistics *adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
260. a mu\_\_\_\_ar person *adj.* of or relating to the muscles; having or suggesting great physical power or force
261. wh\_\_p with joy *v.* to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise

ANSWERS: 254. graphic, 255. develop, 256. nasal, 257. hairball, 258. tissue, 259. alarming, 260. muscular, 261. whoop

262. ad\_\_\_\_\_nt medication *n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness
263. severe cr\_\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
264. self-int\_\_\_\_\_ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
265. person's smile is inf\_\_\_\_\_us *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
266. de\_\_\_\_d against a threat *v.* to protect someone or something from attack, criticism, danger, etc.
267. the f\_\_k songs of a particular district *n.* people in general, especially those of a particular group or type
268. de\_\_\_\_\_e independence *v.* to say, state, or announce something clearly, officially, or publicly
269. vaccine ad\_\_\_\_\_nt *n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness
270. ped\_\_\_\_\_cs department *n.* the branch of medicine that deals with the care and treatment of children
271. spread of the vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
272. an inf\_\_\_\_\_us fever *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water

ANSWERS: 262. adjuvant, 263. critic, 264. introduction, 265. infectious, 266. defend, 267. folk, 268. declare, 269. adjuvant, 270. pediatrics, 271. virus, 272. infectious

273. d\_\_e off a cliff v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
274. in\_\_\_t other animal species v. to affect a person, an animal, or a plant with a disease-causing organism
275. de\_\_\_t a feeling of isolation v. to illustrate someone or something in a photograph
276. false cl\_\_m v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
277. el\_\_\_\_\_te contestants v. to remove or get rid of someone or something
278. in my ca\_\_\_d opinion *adj.* honest, straightforward, and frank in someone's words or actions
279. the form of a di\_\_\_\_\_ue *n.* a conversation in a book, play, or film
280. blood an\_\_\_\_\_e *n.* a substance or chemical component that is being analyzed, usually in a laboratory setting
281. sc\_\_\_\_\_h off a name v. to cut or damage the surface of something or the skin with a sharp or pointed object
282. dis\_\_\_\_\_te wealth evenly v. to give something to a large number of individuals, or to spread or furnish something
283. pl\_\_\_\_\_ting sales v. to fall or drop suddenly and steeply; to decline rapidly or sharply

ANSWERS: 273. dive, 274. infect, 275. depict, 276. claim, 277. eliminate, 278. candid, 279. dialogue, 280. analyte, 281. scratch, 282. distribute, 283. plummet

284. a dis\_\_\_\_\_ty pension *n.* a physical or mental condition that makes it difficult for someone to do some things that other people do
285. el\_\_\_\_\_te sexual barriers *v.* to remove or get rid of someone or something
286. fo\_\_\_\_r a better relationship *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
287. de\_\_\_\_d my country *v.* to protect someone or something from attack, criticism, danger, etc.
288. sen\_\_\_\_\_al damage *adj.* connected with or resulting from someone's emotions, rather than reason or realism
289. genic com\_\_\_\_\_ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
290. d\_\_e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
291. Chinese cl\_\_\_\_\_c literature *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
292. in vi\_\_o fermentation *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
293. co\_\_h several times *v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound

ANSWERS: 284. disability, 285. eliminate, 286. foster, 287. defend, 288. sentimental, 289. combination, 290. dive, 291. classic, 292. vitro, 293. cough

294. in\_\_\_t daughter *n.* a baby or very young child
295. bo\_\_t the economy *v.* to improve, raise, or increase something
296. in vi\_\_o diagnostics *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
297. a strain of vi\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
298. ben\_\_\_\_\_al to all countries *adj.* helpful, useful, or sound; promoting or enhancing well-being
299. the te\_\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
300. f\_\_e abroad *v.* to leave by running away, especially out of fear or danger
301. acc\_\_\_\_\_hed goal *adj.* having completed a task or achieved a goal successfully; skilled or proficient at something
302. acute men\_\_\_\_\_is *n.* inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck
303. me\_\_\_\_\_e allergic reaction *v.* to try to bring about an agreement or understanding between people who are in conflict
304. an ur\_\_\_t telegram *adj.* requiring immediate attention or action; pressing

ANSWERS: 294. infant, 295. boost, 296. vitro, 297. virus, 298. beneficial, 299. technique, 300. flee, 301. accomplished, 302. meningitis, 303. mediate, 304. urgent

305. annual in\_\_\_\_\_ry *n.* a complete list of all the items or goods held in stock by a business or organization; the act of making such a list
306. a f\_n of a plane *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
307. re\_\_\_t being kissed *v.* to refuse to accept something and attempt to prevent it from happening
308. enc\_\_\_\_\_tis outbreak *n.* inflammation of the brain that is usually caused by a viral infection but can also be caused by a bacterial or fungal infection, an autoimmune reaction, or exposure to certain chemicals or toxins
309. a home for the el\_\_\_\_\_y *adj.* (a polite word for) old
310. country-by-country a\_d programs *n.* things sent to help countries in need, notably food or money; support
311. pro\_\_\_\_\_on of disease *n.* the act or process of changing to the next stage or phase or moving forward
312. his majestic pr\_\_\_\_\_ce *n.* the fact or state that someone or something exists, occurs, or is present
313. ov\_\_\_\_\_se of alcohol *n.* excessive and dangerous ingestion or application of a drug
314. ad\_\_\_\_\_on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
315. financial a\_d *n.* things sent to help countries in need, notably food or money; support

ANSWERS: 305. inventory, 306. fin, 307. resist, 308. encephalitis, 309. elderly, 310. aid, 311. progression, 312. presence, 313. overdose, 314. addition, 315. aid

316. spare co\_\_\_\_\_nts for cars                      *n.*    one of several parts that combines with others to form something bigger
317. inv\_\_\_\_\_te the team                              *v.*    to give energy, enthusiasm, or vitality to something or someone; to revitalize or refresh
318. imm\_\_\_\_\_ion program                            *n.*    the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

ANSWERS: 316. component, 317. invigorate, 318. immunization

## Session 3: Fill in the Blanks

1. The earth's \_\_\_\_\_ of rotation is tilted 66.5 degrees to the ecliptic plane.  
*n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
  
2. The \_\_\_\_\_ of companies pooled their resources to fund the project.  
*n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
  
3. The research institute allocated a lot of money to study the cause and prevention of \_\_\_\_\_.  
*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
  
4. 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
  
5. He wants to \_\_\_\_\_ ownership of the abandoned property.  
*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
  
6. The era of the industrial revolution was a crucial \_\_\_\_\_ of history.  
*n.* any stage in a series of events, change, or development
  
7. Foreign goods from abroad must be \_\_\_\_\_ to customs when entering a country.  
*v.* to say, state, or announce something clearly, officially, or publicly

ANSWERS: 1. axis, 2. consortium, 3. influenza, 4. individual, 5. claim, 6. phase, 7. declared

8. The \_\_\_\_\_ photography captured the genuine emotions of the moment.  
*adj.* honest, straightforward, and frank in someone's words or actions
9. \_\_\_\_\_ outbreaks can occur in communities with low vaccination rates.  
*n.* a highly contagious bacterial infection characterized by severe coughing spasms, commonly known as whooping cough
10. The company's stock gives a high \_\_\_\_\_.  
*n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
11. The cat was coughing up a \_\_\_\_\_ and must be taken to the vet.  
*n.* a mass of hair that accumulates inside an animal's digestive system, typically in the stomach or intestines, and is eventually expelled through the mouth; a complex or tangled mess of code, systems, or processes
12. We can calculate the position of the \_\_\_\_\_ statistically.  
*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
13. He \_\_\_\_\_ that this investment would lead to success.  
*v.* to form a theory or conjecture or guess about a subject without solid evidence
14. Mozart was an \_\_\_\_\_ prodigy.  
*n.* a baby or very young child
15. 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

ANSWERS: 8. candid, 9. Pertussis, 10. yield, 11. hairball, 12. particles, 13. speculated, 14. infant, 15. molecule

16. Stop being \_\_\_\_\_ and always speak the truth.

*adj.* connected with or resulting from someone's emotions, rather than reason or realism

17. He displayed the \_\_\_\_\_ symptoms of depression.

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

18. I can't stop \_\_\_\_\_ and think I might have caught a cold.

*v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound

19. Cancer cells are often carried throughout the body by the \_\_\_\_\_.

*n.* the blood flowing through the body

20. The \_\_\_\_\_ to the safe was a secret.

*n.* a collection of things that have been combined; an assemblage of separate parts or qualities

21. The \_\_\_\_\_ spray helped alleviate my allergies.

*adj.* relating to the nose or the sense of smell; characterized by or involving the nasal passage

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

*adj.* relating to society or social relationships

23. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.

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

ANSWERS: 16. sentimental, 17. classic, 18. coughing, 19. bloodstream, 20. combination, 21. nasal, 22. societal, 23. tissue

24. This operation requires both patience and \_\_\_\_\_.
- n.* the quality or condition of being exact and accurate
25. She had to be \_\_\_\_\_ due to her injuries.
- v.* to admit someone to a hospital for medical treatment
26. The baseball \_\_\_\_\_ was filled with excited fans eagerly awaiting the start of the game.
- n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
27. The sudden rise in crime rates in our neighborhood is quite \_\_\_\_\_.
- adj.* causing concern or apprehension; causing a feeling of danger, harm, or emergency; unsettling or disturbing
28. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n.* a bacterium, virus, or other microorganism that causes disease
29. So far, the meeting is going according to \_\_\_\_\_.
- n.* a list of planned activities, tasks, or things that must be completed showing when they are intended to happen or be done
30. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
31. The essence of economics is to \_\_\_\_\_ the allocation of limited resources.
- v.* to make the best or most effective use of something

ANSWERS: 24. precision, 25. hospitalized, 26. stadium, 27. alarming, 28. pathogens, 29. schedule, 30. infections, 31. optimize

32. The lab technician used in \_\_\_\_\_ fertilization to help the couple conceive.  
*n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
33. The company signed a \_\_\_\_\_ with the supplier for the delivery of goods.  
*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
34. The patient was diagnosed with \_\_\_\_\_ C and will need treatment to clear the virus from her body.  
*n.* a medical condition in which the liver becomes inflamed, often as a result of infection by a virus
35. Chronic \_\_\_\_\_ disorders, such as asthma, can significantly impact a person's quality of life.  
*adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
36. She received special \_\_\_\_\_ training at the hospital.  
*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
37. One light year is nearly 6 \_\_\_\_\_ miles.  
*n.* the number 1,000,000,000,000; a million million
38. I will work hard to \_\_\_\_\_ my goals and realize my dreams.  
*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
39. \_\_\_\_\_ elections were held in several European countries.  
*adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 32. vitro, 33. contract, 34. hepatitis, 35. respiratory, 36. clinical, 37. trillion, 38. achieve, 39. Communal

40. The \_\_\_\_\_ of severe weather prompted the city to issue an evacuation warning.
- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
41. \_\_\_\_\_ 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
42. The accusations were \_\_\_\_\_ and lacked evidence.
- adj.* not based on good evidence or reason; without foundation or justification
43. His estate was \_\_\_\_\_ to his sons.
- v.* to give something to a large number of individuals, or to spread or furnish something
44. 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
45. This device can more accurately detect \_\_\_\_\_ pathogens.
- adj.* relating to or caused by a virus
46. A \_\_\_\_\_ of economic advisers from the United States visited the country to help rebuild its economy.
- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 40. threat, 41. Bacteria, 42. unfounded, 43. distributed, 44. brain, 45. viral, 46. panel

47. The company's financial records \_\_\_\_\_ how successful it has been.  
*v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
48. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.  
*n.* someone who expresses opinions about the quality of books, music, etc.
49. The \_\_\_\_\_ concentration in the sample was too low to measure accurately.  
*n.* a substance or chemical component that is being analyzed, usually in a laboratory setting
50. Children often \_\_\_\_\_ parents with this head cold.  
*v.* to affect a person, an animal, or a plant with a disease-causing organism
51. \_\_\_\_\_ cells have multiple nuclei and are often found in the placenta.  
*adj.* relating to or characterized by a type of cell structure in which multiple nuclei are contained in a single cytoplasmic mass
52. The pastor contributed to \_\_\_\_\_ the sense of a community embracing all classes.  
*v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
53. The debate over vaccine mandates often leads to heated arguments between pro-vaxxers and \_\_\_\_\_.  
*n.* a person who opposes or refuses to vaccinate themselves or their children, often due to concerns about vaccine safety or efficacy
54. The stock prices have \_\_\_\_\_ in the last hour, causing concern for investors.  
*v.* to fall or drop suddenly and steeply; to decline rapidly or sharply

ANSWERS: 47. illustrate, 48. critics, 49. analyte, 50. infect, 51. Syncytial, 52. fostering, 53. anti-vaxxers, 54. plummeted

55. He recorded the \_\_\_\_\_ at the time of the incident.

*n.* a conversation in a book, play, or film

56. She worked hard to treat her \_\_\_\_\_ dystrophy.

*adj.* of or relating to the muscles; having or suggesting great physical power or force

57. She felt \_\_\_\_\_ after finishing her book.

*adj.* having completed a task or achieved a goal successfully; skilled or proficient at something

58. \_\_\_\_\_ testing is less accurate than PCR testing but easier to perform.

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

59. Due to the success of \_\_\_\_\_ programs, certain diseases, such as smallpox, have been eradicated.

*n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

60. Maximum heart rates \_\_\_\_\_ a lot for each individual.

*v.* to become different in terms of size, shape, etc.

61. We can \_\_\_\_\_ this possibility from those consumptions.

*v.* to remove or get rid of someone or something

62. He tends to \_\_\_\_\_ his accomplishments to impress others.

*v.* to exaggerate or make something seem more important or serious than it is

ANSWERS: 55. dialogue, 56. muscular, 57. accomplished, 58. Antigen, 59. immunization, 60. vary, 61. eliminate, 62. overstate

63. I chose to \_\_\_\_\_ cancer by trying every possible treatment.  
*v.* to refuse to accept something and attempt to prevent it from happening
64. The \_\_\_\_\_ test helped to determine the cause of her symptoms.  
*n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs
65. The \_\_\_\_\_ will repair my telephone tomorrow morning.  
*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
66. 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
67. Leprosy is an indolent \_\_\_\_\_ disease.  
*adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
68. Infants and pregnant women are particularly \_\_\_\_\_.  
*adj.* capable of being hurt or influenced physically or mentally
69. The vase was made of \_\_\_\_\_ ceramic and easily broke when it was dropped.  
*adj.* delicate or easily broken or damaged
70. The \_\_\_\_\_ students were having a good time playing with toys.  
*n.* a school or class for young children, usually between the ages of four and six

ANSWERS: 63. resist, 64. allergy, 65. engineer, 66. pathway, 67. infectious, 68. vulnerable, 69. fragile, 70. kindergarten

71. She was struggling to make a \_\_\_\_\_ between two job offers.
- n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
72. What is the \_\_\_\_\_ of the consumption tax in the United States?
- n.* the number, amount, or rate of something, which is usually the amount per hundred
73. The \_\_\_\_\_ to the new class was informative and engaging.
- n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
74. The school sent a notice of a \_\_\_\_\_ case in one of the classrooms.
- n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children
75. We want to \_\_\_\_\_ ties between our two countries.
- v.* to make or become better
76. The Prime Minister stressed the need to create \_\_\_\_\_ industries.
- adj.* introducing or using new methods, ideas, etc.
77. Treatment for \_\_\_\_\_ dependence may be a long-term process.
- n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted
78. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 71. decision, 72. percentage, 73. introduction, 74. measles, 75. improve, 76. innovative, 77. opioid, 78. develop

79. She had the \_\_\_\_\_ that work was fun.  
*n.* the way you think and feel about someone or something
80. The marathon runner covered a long \_\_\_\_\_ in a short amount of time.  
*n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
81. Lead is an effective \_\_\_\_\_ against X-rays, gamma rays, and other harmful radiation.  
*n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
82. We hired a management \_\_\_\_\_ to help us improve our business strategy.  
*n.* a person who provides professional or expert advice
83. \_\_\_\_\_ weight is the sum of all the atoms.  
*adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
84. Laughing is \_\_\_\_\_ to our health.  
*adj.* helpful, useful, or sound; promoting or enhancing well-being
85. HIV is an example of an \_\_\_\_\_ disease.  
*n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases
86. Our company's products are made of highly \_\_\_\_\_ materials.  
*adj.* capable of lasting and being used for a long time without being damaged or destroyed

ANSWERS: 79. attitude, 80. distance, 81. shield, 82. consultant, 83. Molecular, 84. beneficial, 85. immunodeficiency, 86. durable

87. You must \_\_\_\_\_ your anxiety about driving.

- v.* to bring under control by force or authority

88. He \_\_\_\_\_ the phone number and waited for an answer.

- v.* to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called

89. Don't \_\_\_\_\_ your mosquito bites.

- v.* to cut or damage the surface of something or the skin with a sharp or pointed object

90. Marketing strategies are growing more \_\_\_\_\_.

- adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

91. I am studying \_\_\_\_\_ in medical school because I love working with children.

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

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

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

93. The \_\_\_\_\_ of crime has decreased in the neighborhood since the new security measures were put in place.

- n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

ANSWERS: 87. conquer, 88. dialed, 89. scratch, 90. sophisticated, 91. pediatrics, 92. addition, 93. incidence

94. The \_\_\_\_\_ technology was revolutionary in its field.  
*adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
95. 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
96. The nurse \_\_\_\_\_ the children in the school.  
*v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
97. The store manager took \_\_\_\_\_ of the products on the shelves to know what needed restocking.  
*n.* a complete list of all the items or goods held in stock by a business or organization; the act of making such a list
98. The teacher had to \_\_\_\_\_ a disagreement between two students over a stolen pencil.  
*v.* to try to bring about an agreement or understanding between people who are in conflict
99. The mRNA \_\_\_\_\_ was approved in less than a year because it did not contain the fragments of the target virus.  
*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
100. Listening to music at a high volume may lead to a hearing \_\_\_\_\_.  
*n.* a physical or mental condition that makes it difficult for someone to do some things that other people do

ANSWERS: 94. cutting-edge, 95. presence, 96. vaccinated, 97. inventory, 98. mediate, 99. vaccine, 100. disability

101. The new service helped \_\_\_\_\_ net income by 10%.

*v.* to improve, raise, or increase something

102. Several \_\_\_\_\_ indicators correlate with care admission.

*n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.

103. Exercising in the morning helps to \_\_\_\_\_ my mind and body.

*v.* to give energy, enthusiasm, or vitality to something or someone; to revitalize or refresh

104. The government predicts an epidemic \_\_\_\_\_ of multiple viruses, including coronaviruses and influenza.

*n.* a sudden start of something, usually a disease or something dangerous or unpleasant

105. Breast \_\_\_\_\_ is the most common type of cancer in women.

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

106. He stood on the \_\_\_\_\_ of a major discovery.

*n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

107. Members of the military are \_\_\_\_\_ from paying taxes.

*adj.* free from or not subject to a particular requirement or restriction; (verb) to excuse someone or something from an obligation, payment, etc.

108. She is the president of a large international \_\_\_\_\_.

*n.* a group of people who work together for a shared purpose

ANSWERS: 101. boost, 102. demographic, 103. invigorate, 104. outbreak, 105. cancer, 106. verge, 107. exempt, 108. organization

109. This pharmaceutical company is developing \_\_\_\_\_ drugs with fewer side effects.
- n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
110. 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
111. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.
- n.* a tiny infectious organic material that causes disease in people, animals, and plants
112. \_\_\_\_\_ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
113. These economic activities had disastrous environmental \_\_\_\_\_.
- n.* the outcome of a particular action or event, especially relative to an individual
114. The official transcript contains \_\_\_\_\_ academic records.
- adj.* correct and exact in all details
115. Some seaweed was used as \_\_\_\_\_ medicine in ancient times.
- n.* people in general, especially those of a particular group or type
116. His son had accurately \_\_\_\_\_ the bloom.
- v.* to illustrate someone or something in a photograph

ANSWERS: 109. antibody, 110. immune, 111. virus, 112. Microbes, 113. consequences, 114. accurate, 115. folk, 116. depicted

117. She was hospitalized with a severe case of \_\_\_\_\_.

- n.* an infection or inflammation of the lungs, typically caused by bacteria, viruses, or other microorganisms

118. The sperm whale can \_\_\_\_\_ to 1,000 meters.

- v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

119. This bar \_\_\_\_\_ shows sales over the past five years.

- n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

120. The treatments were done but, \_\_\_\_\_ were unsuccessful.

- adv.* by bad luck; unluckily

121. It would help if you refrained from an \_\_\_\_\_ of caffeine.

- n.* excessive and dangerous ingestion or application of a drug

122. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.

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

123. The scenery of the battlefield was \_\_\_\_\_ and grey.

- adj.* empty, simple, or apparent; devoid of any qualifications

124. Vaccination is an effective way to build \_\_\_\_\_ against diseases.

- n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies

ANSWERS: 117. pneumonia, 118. dive, 119. graph, 120. unfortunately, 121. overdose, 122. statistics, 123. stark, 124. immunity

125. She visited the local \_\_\_\_\_ to seek treatment for her persistent headache.  
*n.* a medical doctor who practices medicine
126. Pakistan's \_\_\_\_ budget was still being reviewed.  
*n.* things sent to help countries in need, notably food or money; support
127. Recent advances in \_\_\_\_\_ have shown promise in the fight against cancer  
*n.* the branch of medical science that deals with the immune system of the body and its functions, including the body's response to foreign substances such as viruses and bacteria; it also involves the study of immunodeficiencies, autoimmune diseases, and immunotherapies
128. The organization finally signed a peace \_\_\_\_\_.  
*n.* an official agreement or treaty between two organizations, countries, etc.;  
(verb) allow to have
129. The \_\_\_\_\_ seating was filled with people waiting for the concert to begin.  
*n.* a room or building used for concerts, plays, or other public performances
130. The patient was diagnosed with \_\_\_\_\_ after showing symptoms of fever and headache.  
*n.* inflammation of the brain that is usually caused by a viral infection but can also be caused by a bacterial or fungal infection, an autoimmune reaction, or exposure to certain chemicals or toxins
131. The \_\_\_\_\_ woman is quite energetic.  
*adj.* (a polite word for) old
132. The \_\_\_\_\_ vaccination is recommended for individuals at a high risk of contracting the illness, such as college students and military personnel.  
*n.* inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck

ANSWERS: 125. physician, 126. aid, 127. immunology, 128. accord, 129. auditorium, 130. encephalitis, 131. elderly, 132. meningitis

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

*adj.* requiring immediate attention or action; pressing

134. \_\_\_\_\_ of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

*n.* a person who supports or suggests an idea, development, or way of doing something

135. The lack of sleep \_\_\_\_\_ both physical and psychological diseases.

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

136. The doctor prescribed an \_\_\_\_\_ therapy to help enhance the effectiveness of the cancer treatment.

*n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness

137. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.

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

138. We \_\_\_\_\_ taking media training every six months.

*v.* to suggest that someone or something would be a suitable fit for a particular purpose or role

139. My mother's illness had a \_\_\_\_\_ impact on us all.

*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

140. The researchers try to discover a common \_\_\_\_\_ in all types of successful organizations.

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

ANSWERS: 133. urgent, 134. Advocates, 135. induces, 136. adjuvant, 137. disease, 138. recommend, 139. profound, 140. component

141. It is a basic instinct to \_\_\_\_\_ from a dangerous situation.

*v.* to leave by running away, especially out of fear or danger

142. Jockey's superior \_\_\_\_\_ brought him victory.

*n.* a particular way or art of doing something that needs skill

143. The \_\_\_\_\_ novel was a masterpiece with stunning illustrations that brought the story to life.

*adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful

144. The job of a \_\_\_\_\_ requires excellent communication and customer service skills.

*n.* (considered to be outdated, and "flight attendant" is more appropriate) a female flight attendant; a woman who serves passengers on a ship or other form of transportation

145. The government tried to \_\_\_\_\_ the commercialization of this development.

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

146. The company has made great strides in its \_\_\_\_\_ toward sustainability.

*n.* the act or process of changing to the next stage or phase or moving forward

147. I've been thinking all day and getting \_\_\_\_\_.

*adv.* not in, at, or to any place; not anywhere

148. This module generates a \_\_\_\_\_ controlled voltage.

*adj.* happening or proceeding in a series of regular stages rather than continuously

ANSWERS: 141. flee, 142. technique, 143. graphic, 144. stewardess, 145. accelerate, 146. progression, 147. nowhere, 148. stepwise

149. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.  
*v.* to go or move forward; to develop in a positive way
150. He is drawing a \_\_\_\_\_ illustrating how the equipment operates.  
*n.* a simplified illustration of the appearance, structure, or workings of something
151. I need to \_\_\_\_\_ my car regularly to prevent any major mechanical issues.  
*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
152. The \_\_\_\_\_ of his idea came from watching birds flying in flocks.  
*n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
153. International law allows each nation to \_\_\_\_\_ itself when its rights and interests are illegally violated.  
*v.* to protect someone or something from attack, criticism, danger, etc.
154. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
155. The findings of the experiment were both \_\_\_\_\_ and unexpected.  
*adj.* causing a lot of interest or excitement
156. The shark's powerful \_\_\_\_\_ allowed it to swim at high speeds.  
*n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

ANSWERS: 149. advance, 150. diagram, 151. maintain, 152. germ, 153. defend, 154. medicinal, 155. exciting, 156. fins

157. He \_\_\_\_\_ back in time to the soccer game.

*v.* to move along very quickly; (noun) the act of rising upward into the air

158. She is searching for a \_\_\_\_\_ residence.

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

159. The winning team began to \_\_\_\_\_ and holler with excitement.

*v.* to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise

ANSWERS: 157. zoomed, 158. permanent, 159. whoop