

# Englist.me



## Vocabulary Builder Reference from...

*Nicholas Christakis: How social networks predict epidemics | TED Talk*

[https://www.ted.com/talks/nicholas\\_christakis\\_how\\_social\\_networks\\_predict\\_epidemics](https://www.ted.com/talks/nicholas_christakis_how_social_networks_predict_epidemics)

### All Words

#### IMPORTANT

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## Session 1: Word List

### assemble

v. to collect in one place as a single group

*synonym*: gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

### emerge

v. to move out of or away from something and become visible

*synonym*: arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

### savannah

n. a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

*synonym*: grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

### coworker

n. a person who works with another in the same company or organization

*synonym*: colleague, peer, associate

(1) **coworker** relationship, (2) argue with a **coworker**

My ex- **coworker** and I had different working styles but managed to get along.

## sibling

*n.* a brother or sister; member of a family born to the same parents

*synonym*: brother, sister, relative

(1) have a **sibling** quarrel, (2) play with my **siblings**

Children often copy their parents or elder **siblings**.

## relative

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

*synonym*: comparative, proximate, congeneric

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

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

## relation

*n.* the way two persons or groups of people feel and act toward one another

*synonym*: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

## endlessly

*adv.* in a way that continues for a long time or seems to have no end or limit

*synonym*: ceaselessly, interminably, unceasingly

(1) repeat **endlessly**, (2) worry **endlessly** about our future

The procession of demonstrators was **endlessly** continuing.

## 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.

## dot

*n.* a very small circular mark, especially one that is printed  
*synonym* : drop, dab, fleck

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

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

## vast

*adj.* enormous in size, number, amount, or quantity  
*synonym* : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

## fabric

*n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

*synonym* : cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

## humanity

*n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

*synonym* : humankind, society, human race

(1) **humanity** at large, (2) mass of **humanity**

They donated large sums of money for the development of **humanity**.

## embedded

*adj.* fixed firmly into the surface of something

*synonym* : ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

## colleague

*n.* one of a group of a coworker, especially in a profession or a business

*synonym* : coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**  
I decided to seek counseling on the advice of my **colleague**.

## fowl

*n.* birds that are kept for their meat or eggs, particularly domesticated birds, including chickens, ducks, and turkeys

*synonym*: poultry, bird, chicken

(1) chicken **fowl**, (2) **fowl** farm

We had roasted **fowl** for dinner, and it was delicious.

## mathematics

*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

*synonym*: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## psychology

*n.* the scientific study of mind and behavior

(1) **psychology** experiment, (2) **psychology** of crowd

She had a master's degree in **psychology**.

## govern

*v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

*synonym*: control, rule, preside

(1) a nation's right to **govern**, (2) **govern** a public enterprise

The regulations **governing** medical malpractice claims are rigorous.

## operate

*v.* to work in a particular way; to supervise something

*synonym*: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

## advantage

*n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

*synonym*: benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

## insight

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

*synonym*: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

## 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.

## tackle

*v.* to try to deal with a complex problem or situation

*synonym*: deal with, dive into, work on

(1) **tackle** the issue, (2) help **tackle** climate change

The government is determined to **tackle** sharp inflation.

## predict

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

*synonym*: forecast, anticipate, foresee

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

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

## epidemic

*n.* the widespread outbreak of a particular disease in a large number of people at the same time

*synonym*: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

## nation

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

*synonym*: country, state, sovereign entity

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

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

## 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.

## laboratory

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

*synonym*: lab, workshop, testing room

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

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

## prevalence

*n.* the state or condition of being widespread or common; the extent or frequency of occurrence of a disease or condition in a given population at a specific time

*synonym*: preponderance, currency, frequency

(1) **prevalence** rate, (2) high **prevalence** of a diabetes

The **prevalence** of allergies has increased in recent years.

## 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.

## patient

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

*synonym* : client, recipient, subject

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

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

## diagnose

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

*synonym* : identify, analyze, interpret

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

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

## repository

*n.* a place where things are stored in large quantities and can be found

*synonym* : storehouse, depot, warehouse

(1) wine **repository**, (2) **repository** of useful knowledge

The ocean is a rich **repository** of natural resources.

## delay

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

*synonym* : block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

## smoothly

*adv.* in a way that is steady, even, or without problems; without interruption or difficulty; with ease

*synonym* : efficiently, flawlessly, seamlessly

(1) **smoothly** transition, (2) **smoothly** operate

The project went **smoothly** and was completed ahead of schedule.

## promulgate

*v.* to make known or announce officially; to publicly declare or communicate a law, rule, belief, or idea

*synonym*: announce, proclaim, declare

(1) **promulgate** guidelines, (2) **promulgate** new regulations

The government issued a decree to **promulgate** new laws regarding environmental conservation.

## 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**.

## warn

*v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

*synonym*: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

## detection

*n.* the act of discovering or identifying the presence of something

*synonym*: discovery, identification, recognition

(1) **detection** by the security software, (2) importance of early **detection**

This smartphone has a collision **detection** function.

## 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.

## contagion

*n.* the spread of a disease or harmful influence from one person or thing to another

*synonym*: infection, disease, transmission

(1) a **contagion** of fear, (2) **contagion** effect

The government has implemented measures to prevent the **contagion** of COVID-19, such as social distancing and mandatory mask-wearing.

## abstract

*adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

*synonym*: conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

## patriotism

*n.* love and loyalty to one's country

*synonym*: nationalism, loyalty, devotion

(1) the spirit of **patriotism**, (2) fanatic **patriotism**

His actions were a testament to his deep love and **patriotism** for his country.

## altruism

*n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity

*synonym*: selflessness, philanthropy, generosity

(1) acts of **altruism**, (2) **altruism** in society

His act of volunteering at the homeless shelter was a clear example of practical **altruism**.

## religion

*n.* a deep conviction in a supernatural power that controls human destiny

*synonym*: faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**  
Their **religion** strictly prohibits them from drinking or gambling.

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

(1) eat a vegetarian **diet**, (2) **Diet** approval  
A balanced **diet** is more important for health than supplements.

**helmet** *n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress  
*synonym*: headgear, head protector, safety hat

(1) **helmet** size, (2) safety **helmet**  
The worker survived the impact because they were wearing sturdy **helmets**.

**electron** *n.* a tiny particle with the negative electrical charge  
*synonym*: negatron

(1) flow of **electrons**, (2) beam of **electrons**  
The outermost **electron** shell determines the chemical properties of an atom.

**interpersonal** *adj.* connected with relationships between people  
*synonym*: social

(1) communication and **interpersonal** skills,  
(2) **interpersonal** situations  
**Interpersonal** rejection and acceptance are both psychologically significant events.

**diffusion** *n.* a spreading motion in multiple directions  
*synonym*: dispersal, scattering, disbandment

(1) the **diffusion** of knowledge, (2) **diffusion** of lightning  
Due to the **diffusion** of television and video, cinema theaters

had a small audience.

## innovation

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

*synonym*: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

## mechanism

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

*synonym*: means, method, system

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

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

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## 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.

## adoption

*n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval

*synonym*: fostering, acceptance, custody

(1) **adoption** assistance, (2) the **adoption** of a plan

The **adoption** process can be long and difficult, but it is worth

it for the love of a child.

## curve

*n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

*synonym* : bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

## affected

*adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere

*synonym* : artificial, pretentious, stilted

(1) **affected** way of walking, (2) the **affected** part

Her **affected** accent made it difficult to take her seriously.

## sigmoid

*adj.* relating to or shaped like the letter "S"

*synonym* : curved, bent, twisted

(1) **sigmoid** curve, (2) **sigmoid** artery

The doctor examined the **sigmoid** colon to check for any abnormalities.

## 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.

## forth

*adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open

*synonym* : forward, onwards, ahead

(1) bring **forth** a beautiful vase, (2) call **forth** demand

I pushed **forth** with my new project, even though it would take much hard work.

## 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.

## eventually

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

*synonym*: finally, someday, ultimately

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

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

## saturate

*v.* to completely fill or soak something with a substance; to completely permeate or imbue something with a particular quality or element; to make something thoroughly absorbed

*synonym*: drench, soak, immerse

(1) **saturate** the market, (2) **saturate** the cloth with water

To enhance the flavor, the chef decided to **saturate** the meat with a flavorful marinade.

## population

*n.* the total number of people in a country, region, or location

*synonym*: people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

## plateau

*n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress

*synonym*: mesa, tableland, plain

(1) **plateau** region, (2) **plateau** in performance

The hikers finally reached the **plateau** after a long climb up the mountain.

## diffuse

*adj.* spread out widely; not concentrated in one place

*synonym* : spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

## random

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

*synonym* : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

## structure

*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

*synonym* : construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

## represent

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

*synonym* : depict, express, describe

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

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

## occupy

*v.* to consume all of someone's space, attention, or time

*synonym* : inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position

The young prince will soon **occupy** the throne.

## locate

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

*synonym* : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor  
The robot can accurately **locate** construction material.

## spouse

*n.* a person's husband, wife, or partner in marriage  
*synonym*: partner, mate, wife

(1) **spouse** tax deduction, (2) **spouse** visa  
The **spouse** of the politician was a constant presence at campaign events.

## instance

*n.* a particular example or single occurrence of something  
*synonym*: example, sample, illustration

(1) for **instance**, (2) notable **instance**  
These articles cite five **instances** of climate change.

## transmit

*v.* to send or forward an electronic signal; to pass something from one person or thing to another  
*synonym*: convey, share, dispatch

(1) **transmit** the disease, (2) **transmit** information  
Parents often **transmit** their characteristics to their children.

## 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.

## influence

*n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself  
*synonym*: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life  
The former emperor had a particular **influence** even after he abdicated.

## altruistic

*adj.* showing a selfless and disinterested concern for the happiness and well-being of other people

*synonym* : selfless, benevolent, philanthropic

(1) **altruistic** behavior, (2) **altruistic** instincts in social animals

The company tried to build an **altruistic** image.

## charitable

*adj.* giving money, food, or help free to those who are poor or in need; full of love and generosity

*synonym* : generous, helping, giving

(1) **charitable** organizations, (2) **charitable** deeds

He is always **charitable** to the poor.

## posit

*v.* to suggest or accept something as fact or as a basis for argument or consideration

*synonym* : assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

## immediately

*adv.* now or without delay

*synonym* : directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

## grasp

*v.* to take hold of something or someone quickly and firmly

*synonym* : grab, clasp, grip

(1) **grasp** his hand, (2) **grasp** a chance

They spent a lot of time trying to **grasp** the current situation.

## numb

*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

*synonym* : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.



## degree

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

*synonym* : level, qualification, diploma

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

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

## nod

*v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation

*synonym* : respond, acknowledge, greet

(1) **nod** at each other, (2) **nod** courteously

She **noded** quietly in response to the question.

## 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.

## appreciate

*v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

*synonym* : acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value

We would **appreciate** an early reply.

## cultivate

*v.* to prepare and foster land for growing crops or plants

*synonym* : boost, foster, nurture

(1) **cultivate** a field, (2) **cultivate** relationships

University is a great place to **cultivate** our minds and expertise.

## intuition

*n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why

*synonym* : instinct, gut feeling, sixth sense

(1) creative **intuition**, (2) **intuition** research

Some studies suggest that people's **intuitions** can be influenced by their experiences and biases.

## deadly

*adj.* likely to cause or capable of causing death

*synonym*: fatal, lethal, harmful

(1) fight against the **deadly** disease, (2) a **deadly** weapon

The members of religious organizations released **deadly** poisonous gas on a subway train.

## obvious

*adj.* easy to see, discover or understand

*synonym*: apparent, conspicuous, evident

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

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

## juicy

*adj.* containing much liquid, often used to describe fresh fruit or meat; interesting or exciting, often because it is scandalous or revealing

*synonym*: succulent, luscious, flavorful

(1) **juicy** gossip, (2) **juicy** fruit

The burger was so **juicy** that it dripped down my hand as I ate it.

## gossip

*n.* conversation or discussion about other people's personal affairs, often of a trivial or idle nature involving sharing rumors, hearsay, or speculation about the lives of others

*synonym*: rumor, chitchat, tittle-tattle

(1) **gossip** magazine, (2) celebrity **gossip**

I heard some juicy **gossip** about our co-worker at the water cooler.

## immediate

*adj.* happening or done without delay or occurring shortly after something else

*synonym*: prompt, quick, instantaneous

(1) take **immediate** effect, (2) the **immediate** past

Both forts were subject to **immediate** attacks.

## appreciation

*n.* the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time

*synonym*: recognition, admiration, esteem

(1) express my **appreciation**, (2) **appreciation** for diversity

The artist received a lot of **appreciation** for his latest work.

## virtue

*n.* high moral standards in behavior or attitudes

*synonym*: integrity, probity, goodness

(1) **virtue** of frugality, (2) acquire a **virtue**

She had many good **virtues** and few faults.

## structural

*adj.* associated with the way on construction or organization of anything

*synonym*: architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization

The earthquake resulted in significant **structural** destruction.

## formal

*adj.* following established, public, or official forms and conventions, often in a serious or somber manner

*synonym*: ceremonial, official, traditional

(1) a **formal** festival, (2) **formal** request

The event required **formal** attire, so he wore a suit and tie.

## id

*n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card

*synonym*: identity, ego, persona

(1) the **id** ego, (2) **ID** card

I forgot my **ID** at home and needed it to enter the club.

## sensor

*n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

*synonym* : detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

## 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.

## monitor

*v.* to observe, check, and track the progress or quality of something over a period of time

*synonym* : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

## 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.

## refer

*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

*synonym* : cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

## 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.

## shift

*n.* a slight transition in position, direction, or trend

*synonym*: transition, change, modification

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

Could you help me **shift** some furniture?

## cumulative

*adj.* increasing or growing by one addition after another

*synonym*: accumulative, additive, compounding

(1) **cumulative** improvement, (2) **cumulative** damage

The **cumulative** effect of years of neglect had taken its toll on the old building.

## peak

*n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

*synonym*: summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

## impending

*adj.* about to happen or occur; close in time; imminent

*synonym*: imminent, upcoming, approaching

(1) **impending** doom, (2) **impending** crisis

We must prepare for the **impending** storm expected to hit our area.

## feasible

*adj.* capable of being or likely to be made, done, or achieved

*synonym*: achievable, possible, attainable

(1) economically **feasible**, (2) **feasible** assumption

It is not **feasible** and inefficient to complete many tasks at once.

## ethical

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

*synonym* : honorable, moral, virtuous

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

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

## frank

*adj.* honest and sincere; open and candid in expression

*synonym* : candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

## exploit

*v.* to make full use of and gain an advantage from resources, opportunities, etc.

*synonym* : use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

## paradox

*n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

*synonym* : incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

## misanthrope

*n.* a person who dislikes or distrusts humankind, typically showing a general hatred or disdain for human society or social interaction

*synonym* : cynic, hermit, recluse

(1) cynical **misanthrope**, (2) reclusive **misanthrope**

The novel paints the protagonist as a maladjusted **misanthrope**, unable to fit into society or connect

meaningfully with others.

## **nominate**

*v.* to propose someone for a position, especially in politics or an organization, or some honor

*synonym*: appoint, designate, elect

(1) **nominate** him for an award, (2) **nominate** government representatives

The organization **nominated** her to be the next president.

## **essence**

*n.* the basic or most important part or quality of something that makes it what it is

*synonym*: core, nature, disposition

(1) vanilla **essence**, (2) universal **essence**

University teaches the art of understanding the **essence** of the matter.

## **intuitive**

*adj.* obtained through feelings rather than facts or proof

*synonym*: involuntary, instinctive, innate

(1) **intuitive** eating, (2) **intuitive** judgment

I had an **intuitive** feeling that I might be pregnant.

## **perimeter**

*n.* the outer boundary of an area or the length of this boundary; the distance around the edge of something

*synonym*: circumference, boundary, edge

(1) **perimeter** fence, (2) **perimeter** fence

The guard patrolled the **perimeter** of the building.

## **construct**

*v.* to build or create something; to assemble or combine different parts to form something whole

*synonym*: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

## **typical**

*adj.* having the usual characteristics or traits of a specific group of things

*synonym*: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms  
This artwork is **typical** of her work.

## peripheral

*adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential

*synonym*: outer, minor, secondary

(1) **peripheral** vision, (2) **peripheral** devices

The city's **peripheral** areas should be given more attention regarding infrastructure and resources.

## phenomenon

*n.* something that exists and can be perceptible, especially one that is not fully understood

*synonym*: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

## 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.

## undergraduate

*n.* a student who is studying for their first degree at a university or other higher education institution

*synonym*: college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course

The class was composed of both **undergraduate** and graduate students.

## stud

*n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support



*synonym* : beam, scantling, framing

(1) horse **stud**, (2) wall **stud**

He bought a new **stud** to attach the strap to his watch.

## passive

*adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

*synonym* : inactive, lethargic, apathetic

(1) **passive** response, (2) **passive** vocabulary

The **passive** approach taken by the government towards climate change is concerning.

## actively

*adv.* in a way that involves taking action or participating actively; with energy and determination

*synonym* : energetically, vigorously, diligently

(1) **actively** participate, (2) **actively** engage

I am **actively** looking for a new job opportunity.

## 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.

## analyst

*n.* someone whose job is to examine something to learn or understand more about it

*synonym* : reviewer, investigator, judge

(1) banking **analyst**, (2) senior research **analyst**

The **analyst** concluded that bankruptcy was inevitable.

## blip

*n.* a sudden and small, and typically temporary, change or deviation from a general trend

(1) temporary **blip**, (2) minor **blip**

The stock market had one bad **blip** today.

## diverge

*v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course

*synonym*: separate, split, part

(1) **diverge** from tradition, (2) **diverge** from the main topic

As tectonic plates **diverge**, new oceanic crust is formed along mid-ocean ridges.

## shifting

*adj.* constantly changing or moving

*synonym*: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

## indicate

*v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

*synonym*: hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

## 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.

## 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**.

## proportion

*n.* a part, share, or amount of something considered in comparative relation to a whole

*synonym* : ratio, balance, consonance

(1) direct **proportion**, (2) a building of vast **proportions**  
He is more concerned about the **proportion** of his body fat than usual because of an upcoming bodybuilding competition.

## **bloom**

*n.* a flower, especially one having showy or colorful parts; the best time of youth

*synonym* : blossom, flush, flower

(1) **bloom** in autumn, (2) black-and-white **blooms**  
The cherry blossoms in the park were in full **bloom**.

## **slope**

*n.* a surface with one end or side that is higher than the other

*synonym* : gradient, pitch, slant

(1) an abrupt **slope**, (2) slide down a **slope** on a ski  
The hut stands on the **slope** of a mountain.

## **approaching**

*adj.* drawing nearer in time or space; coming close to someone or something

*synonym* : nearing, coming, getting closer

(1) **approaching** deadline, (2) **approaching** retirement  
The **approaching** storm clouds filled the sky with ominous darkness.

## **bang**

*v.* to hit or cause to hit something in a way that makes a loud noise

*synonym* : crash, hit, smash

(1) **bang** his fist on a desk, (2) **bang** a phone down  
My father tried to **bang** mathematics into my head since childhood.

## **visualize**

*v.* to form a mental image or concept of something; to make something visible

*synonym* : imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

## restricted

*adj.* limited in extent, number, scope, or action, especially by official rules, laws, etc.

*synonym* : limited, determinate, fixed

(1) **restricted** area, (2) lactose **restricted** diet

The country has designated our products as **restricted** import goods.

## norm

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

*synonym* : criterion, mean, standard

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

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

## criminal

*n.* a person who has committed a crime

*synonym* : offender, lawbreaker, delinquent

(1) wanted **criminal**, (2) **criminal** investigation

The police are searching for the **criminal** who stole the jewels.

## 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.

## relate

*v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

*synonym* : connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they

couldn't understand.

## **broadcast**

*v.* to send out a program or some information on radio or television

*synonym*: air, announce, advertise

(1) **broadcast** a concert, (2) **broadcast** a radio ad

Most of the programs are **broadcast** in this area.

## **uniform**

*adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification

*synonym*: livery, outfit

(1) at a **uniform** temperature, (2) our school **uniform**

This country has a nationally **uniform** culture.

## **specific**

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

*synonym*: particular, definite, distinct

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

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

## **intervention**

*n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so

*synonym*: interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical

**intervention**

This **intervention** does not require the patient's consent.

## **notion**

*n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

*synonym*: idea, concept, belief

(1) **notion** of success, (2) vague **notion**

The **notion** of time travel has long fascinated scientists and

fiction writers alike.

## herd

*n.* a group of animals of the same type that live or are kept together as livestock

*synonym*: flock, brood, horde

(1) **herd** of cattle, (2) the common **herd**

He was riding **herd** on the sheep during the day.

## 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.

## 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**.

## 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.

## surround

*v.* to be all around something or somebody

*synonym*: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

## estimate

*v.* to guess or calculate the cost, size, value, etc. of something

*synonym*: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

## 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.

## dose

*n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation

*synonym*: portion, amount, measure

(1) **dose** adjustment, (2) daily **dose**

She took the recommended **dose** of medication to treat her headache.

## efficiency

*n.* the state or quality of doing something well with no waste of input such as time or money

*synonym*: effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

## strict

*adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.

*synonym*: rigorous, inflexible, relentless

(1) **strict** compliance regime, (2) in **strict** secrecy

Too **strict** a regulation for the private sector will stifle innovation.

## constraint

*n.* a limit or restriction on something, such as an action, behavior, or thought

*synonym*: limitation, restriction, bound

(1) **constraint** on business activity, (2) strict time

### **constraints**

The budget **constraint** forced them to make difficult decisions.

## 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.

## 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.

## 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.

## advertise

*v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

*synonym*: publicize, announce, promote

(1) **advertise** the campaign, (2) **advertise** on social media



We want to **advertise** our company through your media.

## 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.

## nowadays

*adv.* at the current time, in comparison to the past

*synonym*: currently, presently, today

(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

## volume

n. the amount of space occupied by an object or substance; the magnitude of sound

*synonym*: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

## obtain

v. to get something, especially by making a great effort

*synonym*: accept, acquire, receive

(1) **obtain** a license, (2) **obtain** a bid

Where can I **obtain** the application form?

## query

n. a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information

*synonym*: question, inquiry, investigation

(1) **query** language, (2) **query** result

I had a **query** about my bank statement and called customer service for an explanation.

## doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

*synonym*: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

**Doubt** is the start, not the end, of intelligence.

- feat** *n.* a notable or impressive achievement, especially one that requires great skill or bravery  
*synonym*: achievement, accomplishment, exploit  
(1) intellectual **feat**, (2) **feat** accomplishment  
It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.
- interaction** *n.* the act of connecting with someone, mainly when working, playing, or spending time with them  
*synonym*: dealings, exchange, relations  
(1) the **interaction** between man and his environment,  
(2) **interaction** among human beings  
The **interaction** of the two groups is good for brainstorming.
- era** *n.* a period that is distinct from others, typically in history  
*synonym*: epoch, age, period  
(1) dawn of a new **era**, (2) the **era** of the Renaissance  
Political corruption was common throughout the postwar **era**.
- massive** *adj.* enormous amount; very heavy and solid  
*synonym*: enormous, giant, immense  
(1) **massive** amounts, (2) **massive** stars  
The recent economic downturn has resulted in **massive** layoffs.
- intervene** *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse  
*synonym*: interfere, mediate, intercede  
(1) **intervene** in a dispute, (2) **intervene** between quarreling parties  
Following international law, our country does not **intervene** in the internal affairs of our neighbors.

## upload

v. to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

*synonym* : transfer, load up

(1) **upload** files, (2) **upload** documents to the portal

I need to **upload** these pictures to my computer to edit them.

## administer

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

*synonym* : allocate, distribute, dispense

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

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

## process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## fuel

n. a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## recession

n. a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases

*synonym* : downturn, slump, contraction

(1) **recession** period, (2) recover from a **recession**

The country is facing a **recession**, with high unemployment

and low GDP.

## velocity

*n.* the rate of change of an object's position with respect to time, often measured in meters per second (m/s)

*synonym*: speed, rapidity, swiftness

(1) initial **velocity**, (2) high **velocity**

The **velocity** of the car was too fast for the road conditions.

## moving

*adj.* causing strong emotions or feelings, especially sadness or sympathy

*synonym*: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

## highway

*n.* a main road, especially one connecting major towns or cities

*synonym*: road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

## traffic

*n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

*synonym*: congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

## jam

*n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

*synonym*: difficulty, mess, preserve

(1) a traffic **jam**, (2) a jar of **jam**

The shredder in the print room often has paper **jams**.

## subscribe

*v.* to agree to receive or support something, often through payment or regular participation; to sign up for or enroll in something, such as a publication, service, or program

*synonym* : sign up, enroll, register

(1) **subscribe** to the service, (2) **subscribe** a petition

I want to **subscribe** to the newsletter to stay up-to-date on industry news.

## prescribe

*v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

*synonym* : define, specify, stipulate

(1) **prescribe** a drug, (2) **prescribe** in the preceding paragraph

Federal bankruptcy laws **prescribed** the reorganization process.

## pharmaceutical

*adj.* relating to the production and selling of the medical drugs

*synonym* : drug, medication, prescription

(1) major **pharmaceutical** companies, (2) commercial **pharmaceutical** products

She gave money to help set up a **pharmaceutical** laboratory.

## temperature

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

*synonym* : climate, warmth, degree

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

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

## minimal

*adj.* tiny in amount; the least possible

*synonym* : tiniest, essential, minimum

(1) **minimal** effort, (2) **minimal** amount

The process was carried out at **minimal** cost.

## subsequent

*adj.* happening or occurring later or after something else  
*synonym* : later, following, ensuing

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

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

## glob

*n.* a small, round mass or lump; a drop or blob of liquid or viscous substance

*synonym* : ball, lump, sphere

(1) **glob** of paint, (2) **glob** of honey

She squeezed a **glob** of toothpaste onto her toothbrush.

## participate

*v.* to take part in something

*synonym* : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

## Wikipedia

*n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics

*synonym* : online encyclopedia, webpedia

(1) **Wikipedia** entry, (2) **Wikipedia** article

Not all teachers accept citing **Wikipedia** as a valid source for academic papers.

## photograph

*n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

*synonym* : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

## elect

v. to choose someone for a specific position by voting for them; to decide or choose to do something

*synonym*: select, choose, prefer

(1) **elect** the school board, (2) **elect** death

Every five years, the provincial governors are **elected**.

## avail

v. to help or benefit; to use or take advantage of

*synonym*: help, benefit, serve

(1) **avail** you little, (2) **avail** ourselves of this opportunity

Their financing options are reasonable and easy to **avail**.

## herald

v. to be a sign or indication of something to come; to proclaim or announce something publicly, often with great enthusiasm or fanfare

*synonym*: announce, proclaim, declare

(1) **herald** the news, (2) **herald** a new era

The sound of the trumpet **heralded** the arrival of the king.

## computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

*synonym*: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

## invention

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

*synonym*: creation, design, innovation

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

Necessity is the mother of **invention**.

## telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

## heaven

*n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

*synonym*: paradise, nirvana, utopia

(1) ascend to **heaven**, (2) **heaven** on earth

He felt like **heaven** when he tasted the delicious chocolate cake.

## microscope

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

*synonym*: lens, magnifier, eyepiece

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

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

## entirely

*adv.* completely

*synonym*: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## well-being

*n.* the state of being happy and healthy and prosperous

*synonym*: health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.



## Session 2: Spelling

1. cha\_\_\_\_\_le organizations  
*adj.* giving money, food, or help free to those who are poor or in need; full of love and generosity
2. 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
3. im\_\_\_\_\_e the test score  
*v.* to make or become better
4. v\_\_t majority  
*adj.* enormous in size, number, amount, or quantity
5. ind\_\_\_\_\_al freedom  
*n.* a single person or thing, as distinct from a group
6. a seafaring na\_\_\_\_n  
*n.* a large organized community of people living in a particular country or region and having a particular culture
7. celebrity go\_\_\_\_p  
*n.* conversation or discussion about other people's personal affairs, often of a trivial or idle nature involving sharing rumors, hearsay, or speculation about the lives of others
8. his conclusion was ob\_\_\_\_s  
*adj.* easy to see, discover or understand
9. young people no\_\_\_\_ys  
*adv.* at the current time, in comparison to the past
10. the int\_\_\_\_\_on between man and his environment  
*n.* the act of connecting with someone, mainly when working, playing, or spending time with them

ANSWERS: 1. charitable, 2. immunization, 3. improve, 4. vast, 5. individual, 6. nation, 7. gossip, 8. obvious, 9. nowadays, 10. interaction

11. es\_\_\_\_te a fair value      *v.* to guess or calculate the cost, size, value, etc. of something
12. manually op\_\_\_\_e a machine      *v.* to work in a particular way; to supervise something
13. w\_\_n a reckless driver      *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
14. in\_\_\_\_ce a child's future      *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
15. the pa\_\_\_\_en in the air      *n.* a bacterium, virus, or other microorganism that causes disease
16. si\_\_\_\_d curve      *adj.* relating to or shaped like the letter "S"
17. g\_\_b of honey      *n.* a small, round mass or lump; a drop or blob of liquid or viscous substance
18. ad\_\_\_\_se on social media      *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
19. a private ind\_\_\_\_al      *n.* a single person or thing, as distinct from a group
20. pl\_\_\_\_u region      *n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress
21. dispel do\_\_ts      *n.* a feeling of being uncertain about something, especially about how good or accurate it is

ANSWERS: 11. estimate, 12. operate, 13. warn, 14. influence, 15. pathogen, 16. sigmoid, 17. glob, 18. advertise, 19. individual, 20. plateau, 21. doubt

22. lo\_\_\_e a missing pet  
*v.* to specify or determine the exact position of someone or something
23. 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
24. a ra\_\_\_m choice  
*adj.* made, done, or happening without method, conscious decision, or any regular pattern
25. plant pa\_\_\_\_\_en  
*n.* a bacterium, virus, or other microorganism that causes disease
26. n\_\_b with cold  
*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
27. 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
28. re\_\_r to a map  
*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
29. daily d\_\_e  
*n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
30. natural phe\_\_\_\_\_on  
*n.* something that exists and can be perceptible, especially one that is not fully understood

ANSWERS: 22. locate, 23. germ, 24. random, 25. pathogen, 26. numb, 27. achieve, 28. refer, 29. dose, 30. phenomenon

31. 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
32. pop\_\_\_\_\_on change *n.* the total number of people in a country, region, or location
33. vague no\_\_\_n *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
34. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
35. a n\_\_b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
36. continuously sh\_\_\_\_\_ng landscape *adj.* constantly changing or moving
37. labor pop\_\_\_\_\_on *n.* the total number of people in a country, region, or location
38. he was en\_\_\_\_\_ly to blame *adv.* completely
39. de\_\_y the new project *v.* to cause something to happen at a later time than originally intended or expected
40. af\_\_\_\_\_ed way of walking *adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere

ANSWERS: 31. contract, 32. population, 33. notion, 34. mathematics, 35. numb, 36. shifting, 37. population, 38. entirely, 39. delay, 40. affected

41. 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
42. bachelor's de\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
43. 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
44. po\_\_t the premise *v.* to suggest or accept something as fact or as a basis for argument or consideration
45. safety he\_\_\_t *n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress
46. he\_\_\_d the news *v.* to be a sign or indication of something to come; to proclaim or announce something publicly, often with great enthusiasm or fanfare
47. pr\_\_\_\_\_le outcome *adj.* likely to happen or likely to be true
48. em\_\_\_e as a butterfly *v.* to move out of or away from something and become visible
49. im\_\_\_\_\_ng crisis *adj.* about to happen or occur; close in time; imminent

ANSWERS: 41. incidence, 42. degree, 43. classic, 44. posit, 45. helmet, 46. herald, 47. probable, 48. emerge, 49. impending

50. ex\_\_\_\_t a valuable opportunity      *v.* to make full use of and gain an advantage from resources, opportunities, etc.
51. the e\_a of the Renaissance      *n.* a period that is distinct from others, typically in history
52. motion se\_\_\_\_r lighting      *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
53. sh\_\_\_\_ng balance      *adj.* constantly changing or moving
54. as\_\_\_\_le a jigsaw puzzle      *v.* to collect in one place as a single group
55. theory of com\_\_\_\_on      *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
56. connecting the d\_ts      *n.* a very small circular mark, especially one that is printed
57. cu\_\_\_\_te a field      *v.* to prepare and foster land for growing crops or plants
58. mo\_\_\_\_g experience      *adj.* causing strong emotions or feelings, especially sadness or sympathy
59. ad\_\_\_\_on of vectors      *n.* the act or process of adding something to something else; the process of adding numbers
60. pa\_\_\_\_e response      *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

ANSWERS: 50. exploit, 51. era, 52. sensor, 53. shifting, 54. assemble, 55. computation, 56. dot, 57. cultivate, 58. moving, 59. addition, 60. passive

61. acts of al\_\_\_\_\_sm *n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity
62. fe\_\_\_\_\_le assumption *adj.* capable of being or likely to be made, done, or achieved
63. banking an\_\_\_\_\_t *n.* someone whose job is to examine something to learn or understand more about it
64. a te\_\_\_\_\_ue in martial arts *n.* a particular way or art of doing something that needs skill
65. recover from a re\_\_\_\_\_on *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
66. di\_\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
67. vi\_\_\_\_\_ze flying through space *v.* to form a mental image or concept of something; to make something visible
68. 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
69. better fuel eff\_\_\_\_\_cy *n.* the state or quality of doing something well with no waste of input such as time or money
70. 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

ANSWERS: 61. altruism, 62. feasible, 63. analyst, 64. technique, 65. recession, 66. diagnose, 67. visualize, 68. achieve, 69. efficiency, 70. foster

71. pr\_\_\_\_\_be in the preceding paragraph  
v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
72. re\_\_\_e a story  
v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
73. mo\_\_\_g ceremony  
*adj.* causing strong emotions or feelings, especially sadness or sympathy
74. 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
75. the ou\_\_\_\_\_ak of hostilities  
*n.* a sudden start of something, usually a disease or something dangerous or unpleasant
76. va\_\_\_\_\_te every year  
v. to treat with a vaccine, usually by injection, to produce immunity against a disease
77. pro\_\_\_\_\_te guidelines  
v. to make known or announce officially; to publicly declare or communicate a law, rule, belief, or idea
78. our school un\_\_\_\_\_m  
*adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification

ANSWERS: 71. prescribe, 72. relate, 73. moving, 74. panel, 75. outbreak, 76. vaccinate, 77. promulgate, 78. uniform



79. 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
80. fo\_\_\_l request *adj.* following established, public, or official forms and conventions, often in a serious or somber manner
81. pa\_\_\_\_\_t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
82. up\_\_\_\_d files *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
83. yield cu\_\_\_e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
84. re\_\_r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
85. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
86. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business
87. pa\_\_\_\_\_t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 79. influenza, 80. formal, 81. patient, 82. upload, 83. curve, 84. refer, 85. biology, 86. colleague, 87. patient

88. have a si\_\_\_\_g quarrel *n.* a brother or sister; member of a family born to the same parents
89. defense me\_\_\_\_\_sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
90. app\_\_\_\_\_te the value *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
91. in\_\_\_\_\_on research *n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why
92. in\_\_\_\_\_ve eating *adj.* obtained through feelings rather than facts or proof
93. vi\_\_\_\_\_ze data *v.* to form a mental image or concept of something; to make something visible
94. mo\_\_\_\_\_r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
95. a traffic j\_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
96. the atmospheric tem\_\_\_\_\_re *n.* the degree of hotness or coldness of a thing or place
97. share my in\_\_\_\_\_ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 88. sibling, 89. mechanism, 90. appreciate, 91. intuition, 92. intuitive, 93. visualize, 94. monitor, 95. jam, 96. temperature, 97. insight

98. direct pro\_\_\_\_\_on *n.* a part, share, or amount of something considered in comparative relation to a whole
99. pho\_\_\_\_\_ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
100. Wi\_\_\_\_\_ia entry *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
101. in\_\_\_\_\_te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
102. vi\_\_\_e of frugality *n.* high moral standards in behavior or attitudes
103. horse s\_\_d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
104. rep\_\_\_\_\_ry of useful knowledge *n.* a place where things are stored in large quantities and can be found
105. str\_\_\_\_\_al analyses *adj.* associated with the way on construction or organization of anything

ANSWERS: 98. proportion, 99. photograph, 100. Wikipedia, 101. indicate, 102. virtue, 103. stud, 104. repository, 105. structural

106. re\_\_\_\_on of inclusion *n.* the way two persons or groups of people feel and act toward one another
107. ab\_\_\_\_ct science *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
108. n\_d at each other *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
109. im\_\_\_\_\_ng doom *adj.* about to happen or occur; close in time; imminent
110. mo\_\_\_\_\_r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
111. br\_\_\_\_\_st a concert *v.* to send out a program or some information on radio or television
112. oc\_\_\_y his time *v.* to consume all of someone's space, attention, or time
113. D\_\_t approval *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
114. ob\_\_\_n a bid *v.* to get something, especially by making a great effort
115. high ve\_\_\_\_\_ty *n.* the rate of change of an object's position with respect to time, often measured in meters per second (m/s)
116. universal es\_\_\_\_\_e *n.* the basic or most important part or quality of something that makes it what it is

ANSWERS: 106. relation, 107. abstract, 108. nod, 109. impending, 110. monitor, 111. broadcast, 112. occupy, 113. diet, 114. obtain, 115. velocity, 116. essence

117. wanted cr\_\_\_\_al *n.* a person who has committed a crime
118. take ad\_\_\_\_ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
119. ac\_\_\_\_ly participate *adv.* in a way that involves taking action or participating actively; with energy and determination
120. acquire a vi\_\_\_\_e *n.* high moral standards in behavior or attitudes
121. na\_\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
122. LED-em\_\_\_\_ed glass *adj.* fixed firmly into the surface of something
123. take im\_\_\_\_te effect *adj.* happening or done without delay or occurring shortly after something else
124. a hand-loomed fa\_\_\_\_c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
125. br\_\_\_\_st a radio ad *v.* to send out a program or some information on radio or television
126. play with my si\_\_\_\_gs *n.* a brother or sister; member of a family born to the same parents
127. tr\_\_\_\_c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

ANSWERS: 117. criminal, 118. advantage, 119. actively, 120. virtue, 121. nation, 122. embedded, 123. immediate, 124. fabric, 125. broadcast, 126. sibling, 127. traffic

128. a de\_\_\_y weapon *adj.* likely to cause or capable of causing death
129. evolutionary bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
130. b\_\_g a phone down *v.* to hit or cause to hit something in a way that makes a loud noise
131. co\_\_\_\_\_on effect *n.* the spread of a disease or harmful influence from one person or thing to another
132. wine rep\_\_\_\_\_ry *n.* a place where things are stored in large quantities and can be found
133. imm\_\_\_\_\_ly recall a product *adv.* now or without delay
134. chicken f\_\_l *n.* birds that are kept for their meat or eggs, particularly domesticated birds, including chickens, ducks, and turkeys
135. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
136. si\_\_\_\_d artery *adj.* relating to or shaped like the letter "S"
137. surgical int\_\_\_\_\_ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
138. al\_\_\_\_sm in society *n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity
139. make a fr\_\_k apology *adj.* honest and sincere; open and candid in expression

ANSWERS: 128. deadly, 129. biology, 130. bang, 131. contagion, 132. repository, 133. immediately, 134. fowl, 135. fuel, 136. sigmoid, 137. intervention, 138. altruism, 139. frank

140. a co\_\_\_\_\_on of fear *n.* the spread of a disease or harmful influence from one person or thing to another
141. st\_\_\_\_t compliance regime *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
142. 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
143. not to be seen no\_\_\_\_\_ys *adv.* at the current time, in comparison to the past
144. a sense of wel\_\_\_\_\_ng *n.* the state of being happy and healthy and prosperous
145. cr\_\_\_\_\_al investigation *n.* a person who has committed a crime
146. di\_\_\_\_\_e cloud *adj.* spread out widely; not concentrated in one place
147. smokeless f\_\_l *n.* a substance that is typically burned to generate heat or energy
148. consult with a ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
149. tr\_\_\_\_\_it the disease *v.* to send or forward an electronic signal; to pass something from one person or thing to another
150. av\_\_l ourselves of this opportunity *v.* to help or benefit; to use or take advantage of
151. co\_\_\_\_\_ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 140. contagion, 141. strict, 142. disease, 143. nowadays, 144. well-being, 145. criminal, 146. diffuse, 147. fuel, 148. physician, 149. transmit, 150. avail, 151. construct

152. ad\_\_\_\_\_on assistance      *n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval
153. ty\_\_\_\_\_l leader      *adj.* having the usual characteristics or traits of a specific group of things
154. hi\_\_\_\_\_y system      *n.* a main road, especially one connecting major towns or cities
155. no do\_\_t about the news      *n.* a feeling of being uncertain about something, especially about how good or accurate it is
156. par\_\_\_\_\_te in the program      *v.* to take part in something
157. psy\_\_\_\_\_gy of crowd      *n.* the scientific study of mind and behavior
158. commercial pha\_\_\_\_\_cal products      *adj.* relating to the production and selling of the medical drugs
159. 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
160. el\_\_t death      *v.* to choose someone for a specific position by voting for them; to decide or choose to do something
161. social di\_\_\_\_\_ce      *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
162. int\_\_\_\_\_nal situations      *adj.* connected with relationships between people

ANSWERS: 152. adoption, 153. typical, 154. highway, 155. doubt, 156. participate, 157. psychology, 158. pharmaceutical, 159. foster, 160. elect, 161. distance, 162. interpersonal



163. ob\_\_\_n a license *v.* to get something, especially by making a great effort
164. app\_\_\_\_\_ion for diversity *n.* the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time
165. v\_\_t desert *adj.* enormous in size, number, amount, or quantity
166. mass of hu\_\_\_\_\_ty *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
167. 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
168. lactose res\_\_\_\_\_ed diet *adj.* limited in extent, number, scope, or action, especially by official rules, laws, etc.
169. h\_\_d of cattle *n.* a group of animals of the same type that live or are kept together as livestock
170. vanilla es\_\_\_\_\_e *n.* the basic or most important part or quality of something that makes it what it is
171. temporary b\_\_p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
172. a fo\_\_\_l festival *adj.* following established, public, or official forms and conventions, often in a serious or somber manner

ANSWERS: 163. obtain, 164. appreciation, 165. vast, 166. humanity, 167. immune, 168. restricted, 169. herd, 170. essence, 171. blip, 172. formal

173. call fo\_\_h demand *adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open
174. po\_\_t the existence of life after death *v.* to suggest or accept something as fact or as a basis for argument or consideration
175. no\_\_\_\_te government representatives *v.* to propose someone for a position, especially in politics or an organization, or some honor
176. bombs fell at ra\_\_\_m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
177. app\_\_\_\_\_te her feedback *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
178. senior research an\_\_\_\_t *n.* someone whose job is to examine something to learn or understand more about it
179. ta\_\_\_e the issue *v.* to try to deal with a complex problem or situation
180. ma\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
181. creative in\_\_\_\_\_on *n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why
182. f\_\_l farm *n.* birds that are kept for their meat or eggs, particularly domesticated birds, including chickens, ducks, and turkeys

ANSWERS: 173. forth, 174. posit, 175. nominate, 176. random, 177. appreciate, 178. analyst, 179. tackle, 180. massive, 181. intuition, 182. fowl

183. vo\_\_\_e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
184. 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.)
185. app\_\_\_\_\_ng deadline *adj.* drawing nearer in time or space; coming close to someone or something
186. shoulder et\_\_\_\_\_l responsibility *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
187. a worldwide ep\_\_\_\_\_ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
188. psy\_\_\_\_\_gy experiment *n.* the scientific study of mind and behavior
189. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
190. ex\_\_\_\_\_t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
191. con\_\_\_\_\_nt on business activity *n.* a limit or restriction on something, such as an action, behavior, or thought
192. b\_\_g his fist on a desk *v.* to hit or cause to hit something in a way that makes a loud noise
193. per\_\_\_\_\_al devices *adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential

ANSWERS: 183. volume, 184. vaccine, 185. approaching, 186. ethical, 187. epidemic, 188. psychology, 189. advance, 190. exploit, 191. constraint, 192. bang, 193. peripheral

194. 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
195. va\_\_\_\_\_te against scarlet fever     *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
196. an ab\_\_\_\_\_ct noun     *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
197. express my app\_\_\_\_\_ion     *n.* the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time
198. learning cu\_\_\_e     *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
199. cum\_\_\_\_\_ve improvement     *adj.* increasing or growing by one addition after another
200. str\_\_\_\_\_al reorganization     *adj.* associated with the way on construction or organization of anything
201. the im\_\_\_\_\_te past     *adj.* happening or done without delay or occurring shortly after something else
202. at p\_\_k hour     *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
203. in\_\_\_\_\_ne in a dispute     *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse

ANSWERS: 194. influenza, 195. vaccinate, 196. abstract, 197. appreciation, 198. curve, 199. cumulative, 200. structural, 201. immediate, 202. peak, 203. intervene

204. ma\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
205. d\_t blot method *n.* a very small circular mark, especially one that is printed
206. up\_\_\_\_d documents to the portal *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
207. a binocular te\_\_\_\_pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
208. tr\_\_\_\_it information *v.* to send or forward an electronic signal; to pass something from one person or thing to another
209. go\_\_\_\_p magazine *n.* conversation or discussion about other people's personal affairs, often of a trivial or idle nature involving sharing rumors, hearsay, or speculation about the lives of others
210. ju\_\_y gossip *adj.* containing much liquid, often used to describe fresh fruit or meat; interesting or exciting, often because it is scandalous or revealing
211. ob\_\_\_\_s reasons *adj.* easy to see, discover or understand
212. in st\_\_\_\_t secrecy *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
213. mi\_\_\_\_l effort *adj.* tiny in amount; the least possible
214. repeat en\_\_\_\_ly *adv.* in a way that continues for a long time or seems to have no end or limit

ANSWERS: 204. massive, 205. dot, 206. upload, 207. telescope, 208. transmit, 209. gossip, 210. juicy, 211. obvious, 212. strict, 213. minimal, 214. endlessly

215. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
216. pe\_\_\_\_\_er fence *n.* the outer boundary of an area or the length of this boundary; the distance around the edge of something
217. minor b\_\_p *n.* a sudden and small, and typically temporary, change or deviation from a general trend
218. chemical ad\_\_\_\_\_on *n.* the act or process of adding something to something else; the process of adding numbers
219. re\_\_\_\_\_on sociology *n.* a deep conviction in a supernatural power that controls human destiny
220. collaborate with co\_\_\_\_\_ues *n.* one of a group of a coworker, especially in a profession or a business
221. a profound in\_\_\_\_\_t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
222. qu\_\_y language *n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
223. eat a vegetarian d\_\_t *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
224. an energy eff\_\_\_\_\_cy *n.* the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 215. feat, 216. perimeter, 217. blip, 218. addition, 219. religion, 220. colleague, 221. insight, 222. query, 223. diet, 224. efficiency

225. ac\_\_\_\_ly engage *adv.* in a way that involves taking action or participating actively; with energy and determination
226. parallel com\_\_\_\_\_on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
227. pl\_\_\_\_u in performance *n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress
228. reclusive mis\_\_\_\_\_pe *n.* a person who dislikes or distrusts humankind, typically showing a general hatred or disdain for human society or social interaction
229. di\_\_\_\_e bleeding *adj.* spread out widely; not concentrated in one place
230. de\_\_y a flight three hours *v.* to cause something to happen at a later time than originally intended or expected
231. cum\_\_\_\_\_ve damage *adj.* increasing or growing by one addition after another
232. sa\_\_\_\_te the market *v.* to completely fill or soak something with a substance; to completely permeate or imbue something with a particular quality or element; to make something thoroughly absorbed
233. av\_\_l you little *v.* to help or benefit; to use or take advantage of

ANSWERS: 225. actively, 226. computation, 227. plateau, 228. misanthrope, 229. diffuse, 230. delay, 231. cumulative, 232. saturate, 233. avail

234. the te\_\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
235. re\_\_\_\_\_on period *n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases
236. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
237. 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
238. gr\_\_p his hand *v.* to take hold of something or someone quickly and firmly
239. pr\_\_\_\_\_t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
240. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
241. re\_\_\_\_\_on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
242. over sub\_\_\_\_\_nt months *adj.* happening or occurring later or after something else
243. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 234. technique, 235. recession, 236. invention, 237. incidence, 238. grasp, 239. predict, 240. relative, 241. relation, 242. subsequent, 243. process



244. par\_\_\_\_\_te fully in conversation      *v.*    to take part in something
245. dawn of a new e\_a      *n.*    a period that is distinct from others, typically in history
246. ad\_\_\_\_\_se the campaign      *v.*    to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
247. oc\_\_\_y a position      *v.*    to consume all of someone's space, attention, or time
248. high vo\_\_\_e      *n.*    the amount of space occupied by an object or substance; the magnitude of sound
249. driving di\_\_\_\_\_ce      *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
250. black-and-white bl\_\_\_ms      *n.*    a flower, especially one having showy or colorful parts; the best time of youth
251. dis\_\_\_\_\_te wealth evenly      *v.*    to give something to a large number of individuals, or to spread or furnish something
252. re\_\_\_\_\_ve factors      *adj.* considered and evaluated through comparison with something else
253. sp\_\_\_\_\_ic instructions      *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
254. major paradigm sh\_\_t      *n.*    a slight transition in position, direction, or trend

ANSWERS: 244. participate, 245. era, 246. advertise, 247. occupy, 248. volume, 249. distance, 250. bloom, 251. distribute, 252. relative, 253. specific, 254. shift

255. pr\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
256. wall s\_\_d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
257. major pha\_\_\_\_\_cal companies *adj.* relating to the production and selling of the medical drugs
258. industry-sp\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
259. an et\_\_\_\_l doctrine *adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
260. freedom of re\_\_\_\_on *n.* a deep conviction in a supernatural power that controls human destiny
261. d\_\_e adjustment *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation

ANSWERS: 255. process, 256. stud, 257. pharmaceutical, 258. specific, 259. ethical, 260. religion, 261. dose

262. 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
263. im\_\_\_\_\_e a process *v.* to make or become better
264. 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
265. de\_\_\_\_\_on by the security software *n.* the act of discovering or identifying the presence of something
266. su\_\_\_\_\_be to the service *v.* to agree to receive or support something, often through payment or regular participation; to sign up for or enroll in something, such as a publication, service, or program
267. pr\_\_\_\_\_be a drug *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
268. res\_\_\_\_\_ed area *adj.* limited in extent, number, scope, or action, especially by official rules, laws, etc.
269. pa\_\_\_\_\_e vocabulary *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

ANSWERS: 262. panel, 263. improve, 264. develop, 265. detection, 266. subscribe, 267. prescribe, 268. restricted, 269. passive

270. help ta\_\_\_e climate change      *v.* to try to deal with a complex problem or situation
271. electron mic\_\_\_\_\_pe      *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
272. the id ego      *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
273. the wel\_\_\_\_\_ng of a nation      *n.* the state of being happy and healthy and prosperous
274. de\_\_\_e centigrade      *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
275. high pre\_\_\_\_\_ce of a diabetes      *n.* the state or condition of being widespread or common; the extent or frequency of occurrence of a disease or condition in a given population at a specific time
276. the pa\_\_\_\_\_x of the heap      *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
277. the ad\_\_\_\_\_on of a plan      *n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval

ANSWERS: 270. tackle, 271. microscope, 272. id, 273. well-being, 274. degree, 275. prevalence, 276. paradox, 277. adoption

278. pre\_\_\_\_\_ce rate *n.* the state or condition of being widespread or common; the extent or frequency of occurrence of a disease or condition in a given population at a specific time
279. co\_\_\_\_\_er relationship *n.* a person who works with another in the same company or organization
280. di\_\_\_\_\_e from tradition *v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
281. look through a te\_\_\_\_\_pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
282. int\_\_\_\_\_on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
283. fa\_\_\_\_c of creation *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
284. as\_\_\_\_\_le your colleagues *v.* to collect in one place as a single group
285. lo\_\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
286. sm\_\_\_\_\_ly transition *adv.* in a way that is steady, even, or without problems; without interruption or difficulty; with ease
287. im\_\_\_\_\_ty response *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
288. two-ph\_\_e structure *n.* any stage in a series of events, change, or development

ANSWERS: 278. prevalence, 279. coworker, 280. diverge, 281. telescope, 282. interaction, 283. fabric, 284. assemble, 285. locate, 286. smoothly, 287. immunity, 288. phase

289. re\_\_\_\_\_nt by a diagram      *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
290. an interstate hi\_\_\_\_\_y      *n.* a main road, especially one connecting major towns or cities
291. at a un\_\_\_\_\_m temperature      *adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification
292. initial ve\_\_\_\_\_ty      *n.* the rate of change of an object's position with respect to time, often measured in meters per second (m/s)
293. ascend to he\_\_\_\_n      *n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty
294. flow of el\_\_\_\_\_ons      *n.* a tiny particle with the negative electrical charge
295. the common h\_\_d      *n.* a group of animals of the same type that live or are kept together as livestock
296. hu\_\_\_\_\_ty at large      *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
297. French pa\_\_\_\_\_x      *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 289. represent, 290. highway, 291. uniform, 292. velocity, 293. heaven, 294. electron, 295. herd, 296. humanity, 297. paradox

298. ID card *n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card
299. sa\_\_\_\_\_te the cloth with water *v.* to completely fill or soak something with a substance; to completely permeate or imbue something with a particular quality or element; to make something thoroughly absorbed
300. lab\_\_\_\_\_ry accident *n.* a workplace for doing scientific research or teaching science; a lab
301. go\_\_\_\_n a public enterprise *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
302. g\_\_b of paint *n.* a small, round mass or lump; a drop or blob of liquid or viscous substance
303. re\_\_\_\_e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
304. anthropology lab\_\_\_\_\_ry *n.* a workplace for doing scientific research or teaching science; a lab

ANSWERS: 298. id, 299. saturate, 300. laboratory, 301. govern, 302. glob, 303. relate, 304. laboratory

305. engineering und\_\_\_\_\_ate *n.* a student who is studying for their first degree at a university or other higher education institution
306. bl\_\_m in autumn *n.* a flower, especially one having showy or colorful parts; the best time of youth
307. the af\_\_\_\_\_ed part *adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere
308. inn\_\_\_\_\_on leader *n.* the creation of a new device or process resulting from study and experimentation
309. em\_\_\_\_\_e from poverty *v.* to move out of or away from something and become visible
310. a nation's right to go\_\_\_\_n *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
311. di\_\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
312. es\_\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
313. su\_\_\_\_\_be a petition *v.* to agree to receive or support something, often through payment or regular participation; to sign up for or enroll in something, such as a publication, service, or program
314. score an ad\_\_\_\_\_ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

ANSWERS: 305. undergraduate, 306. bloom, 307. affected, 308. innovation, 309. emerge, 310. govern, 311. diagnose, 312. estimate, 313. subscribe, 314. advantage



315. heavy tr\_\_\_\_c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
316. eve\_\_\_\_\_ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
317. the characters that re\_\_\_\_\_nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
318. gr\_\_p a chance *v.* to take hold of something or someone quickly and firmly
319. the spirit of pat\_\_\_\_\_sm *n.* love and loyalty to one's country
320. cynical mis\_\_\_\_\_pe *n.* a person who dislikes or distrusts humankind, typically showing a general hatred or disdain for human society or social interaction
321. di\_\_\_\_\_e from the main topic *v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
322. pr\_\_\_\_\_t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
323. an image se\_\_\_\_r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
324. in\_\_\_\_\_ve judgment *adj.* obtained through feelings rather than facts or proof

ANSWERS: 315. traffic, 316. eventually, 317. represent, 318. grasp, 319. patriotism, 320. misanthrope, 321. diverge, 322. predict, 323. sensor, 324. intuitive

325. reduce sub\_\_\_\_\_nt mortality *adj.* happening or occurring later or after something else
326. for in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
327. in\_\_\_\_\_te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
328. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
329. op\_\_\_\_\_e 24 hours a day *v.* to work in a particular way; to supervise something
330. importance of early de\_\_\_\_\_on *n.* the act of discovering or identifying the presence of something
331. in\_\_\_\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
332. en\_\_\_\_\_ly satisfied with the meal *adv.* completely
333. no\_\_\_\_\_n of success *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
334. health ep\_\_\_\_\_ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
335. int\_\_\_\_\_ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so

ANSWERS: 325. subsequent, 326. instance, 327. indicate, 328. structure, 329. operate, 330. detection, 331. infect, 332. entirely, 333. notion, 334. epidemic, 335. intervention

336. dis\_\_\_\_\_te video content *v.* to give something to a large number of individuals, or to spread or furnish something
337. cha\_\_\_\_\_le deeds *adj.* giving money, food, or help free to those who are poor or in need; full of love and generosity
338. fr\_\_k and open discussion *adj.* honest and sincere; open and candid in expression
339. su\_\_\_\_\_nd a town *v.* to be all around something or somebody
340. historical phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
341. worry en\_\_\_\_\_ly about our future *adv.* in a way that continues for a long time or seems to have no end or limit
342. sp\_\_\_e tax deduction *n.* a person's husband, wife, or partner in marriage
343. el\_\_t the school board *v.* to choose someone for a specific position by voting for them; to decide or choose to do something
344. sa\_\_\_\_\_ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
345. 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
346. 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

ANSWERS: 336. distribute, 337. charitable, 338. frank, 339. surround, 340. phenomenon, 341. endlessly, 342. spouse, 343. elect, 344. savannah, 345. immunization, 346. immune

347. f\_\_t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
348. in\_\_\_\_\_ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
349. di\_\_\_\_\_on of lightning *n.* a spreading motion in multiple directions
350. a jar of j\_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
351. Wi\_\_\_\_\_ia article *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
352. alt\_\_\_\_\_ic instincts in social animals *adj.* showing a selfless and disinterested concern for the happiness and well-being of other people
353. the di\_\_\_\_\_on of knowledge *n.* a spreading motion in multiple directions
354. tropical sa\_\_\_\_\_ah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
355. in\_\_\_\_\_ne between quarreling parties *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse

ANSWERS: 347. feat, 348. influence, 349. diffusion, 350. jam, 351. Wikipedia, 352. altruistic, 353. diffusion, 354. savannah, 355. intervene

356. qu\_\_y result *n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
357. common in\_\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
358. und\_\_\_\_\_ate course *n.* a student who is studying for their first degree at a university or other higher education institution
359. the p\_\_k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
360. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
361. im\_\_\_\_\_ty booster *n.* the ability of an organism to resist infection or disease, often due to the presence of antibodies
362. a building of vast pro\_\_\_\_\_ons *n.* a part, share, or amount of something considered in comparative relation to a whole
363. 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.)
364. mi\_\_\_\_\_l amount *adj.* tiny in amount; the least possible
365. co\_\_\_\_\_ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 356. query, 357. invention, 358. undergraduate, 359. peak, 360. probable, 361. immunity, 362. proportion, 363. vaccine, 364. minimal, 365. construct

366. he \_\_\_d a new era *v.* to be a sign or indication of something to come; to proclaim or announce something publicly, often with great enthusiasm or fanfare
367. app \_\_\_\_\_ng retirement *adj.* drawing nearer in time or space; coming close to someone or something
368. st \_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
369. a good grounding in mat \_\_\_\_\_cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
370. n\_d courteously *v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
371. slide down a sl\_\_e on a ski *n.* a surface with one end or side that is higher than the other
372. he \_\_\_t size *n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress
373. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
374. sp\_\_\_e visa *n.* a person's husband, wife, or partner in marriage
375. an abrupt sl\_\_e *n.* a surface with one end or side that is higher than the other
376. adm \_\_\_\_\_er justice *v.* to oversee and control the operation or arrangement of something

ANSWERS: 366. herald, 367. approaching, 368. structure, 369. mathematics, 370. nod, 371. slope, 372. helmet, 373. norm, 374. spouse, 375. slope, 376. administer

377. per\_\_\_\_\_al vision *adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential
378. fight against the de\_\_\_y disease *adj.* likely to cause or capable of causing death
379. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
380. fairly ty\_\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things
381. the advice of the ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
382. strict time con\_\_\_\_\_nts *n.* a limit or restriction on something, such as an action, behavior, or thought
383. 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
384. fanatic pat\_\_\_\_\_sm *n.* love and loyalty to one's country
385. pho\_\_\_\_\_ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
386. enter on the last ph\_\_e *n.* any stage in a series of events, change, or development
387. bring fo\_\_h a beautiful vase *adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open

ANSWERS: 377. peripheral, 378. deadly, 379. norm, 380. typical, 381. physician, 382. constraint, 383. develop, 384. patriotism, 385. photograph, 386. phase, 387. forth

388. argue with a co_____er	<i>n.</i>	a person who works with another in the same company or organization
389. in____t a computer with a virus	<i>v.</i>	to affect a person, an animal, or a plant with a disease-causing organism
390. the me_____sm for DNA replication	<i>n.</i>	a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
391. sm_____ly operate	<i>adv.</i>	in a way that is steady, even, or without problems; without interruption or difficulty; with ease
392. notable in_____ce	<i>n.</i>	a particular example or single occurrence of something
393. Doppler sh__t	<i>n.</i>	a slight transition in position, direction, or trend
394. adm_____er the funds	<i>v.</i>	to oversee and control the operation or arrangement of something
395. no_____te him for an award	<i>v.</i>	to propose someone for a position, especially in politics or an organization, or some honor
396. cu_____te relationships	<i>v.</i>	to prepare and foster land for growing crops or plants
397. cutting-edge inn_____on	<i>n.</i>	the creation of a new device or process resulting from study and experimentation
398. a stone wall su_____nds the palace	<i>v.</i>	to be all around something or somebody
399. extreme tem_____res	<i>n.</i>	the degree of hotness or coldness of a thing or place

ANSWERS: 388. coworker, 389. infect, 390. mechanism, 391. smoothly, 392. instance, 393. shift, 394. administer, 395. nominate, 396. cultivate, 397. innovation, 398. surround, 399. temperature



400. a g\_\_m-free environment *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
401. di\_\_\_\_\_e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
402. em\_\_\_\_\_ed systems *adj.* fixed firmly into the surface of something
403. mic\_\_\_\_\_pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
404. economically fe\_\_\_\_\_le *adj.* capable of being or likely to be made, done, or achieved
405. he\_\_\_n on earth *n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty
406. w\_\_ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
407. eve\_\_\_\_\_ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
408. ju\_\_y fruit *adj.* containing much liquid, often used to describe fresh fruit or meat; interesting or exciting, often because it is scandalous or revealing

ANSWERS: 400. germ, 401. disease, 402. embedded, 403. microscope, 404. feasible, 405. heaven, 406. warn, 407. eventually, 408. juicy

409. infectious disease ou\_\_\_\_aks      *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
410. write him an answer imm\_\_\_\_\_ly      *adv.* now or without delay
411. communication and int\_\_\_\_\_nal skills      *adj.* connected with relationships between people
412. ad\_\_\_\_\_e the technology      *v.* to go or move forward; to develop in a positive way
413. 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
414. beam of el\_\_\_\_\_ons      *n.* a tiny particle with the negative electrical charge
415. pro\_\_\_\_\_te new regulations      *v.* to make known or announce officially; to publicly declare or communicate a law, rule, belief, or idea
416. alt\_\_\_\_\_ic behavior      *adj.* showing a selfless and disinterested concern for the happiness and well-being of other people
417. 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

ANSWERS: 409. outbreak, 410. immediately, 411. interpersonal, 412. advance, 413. classic, 414. electron, 415. promulgate, 416. altruistic, 417. contract

## Session 3: Fill in the Blanks

1. We elected him to \_\_\_\_\_ us at the international conference.
  - v.* to speak, act, or be present on behalf of another person or group; to form or constitute
  
2. I had a \_\_\_\_\_ about my bank statement and called customer service for an explanation.
  - n.* a question or inquiry, often used in the context of research, information-gathering, or data analysis; a request for information
  
3. The government is determined to \_\_\_\_\_ sharp inflation.
  - v.* to try to deal with a complex problem or situation
  
4. This country has a nationally \_\_\_\_\_ culture.
  - adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification
  
5. The systems we have developed has accepted as industry \_\_\_\_\_.
  - n.* something that is regarded as usual, typical, or standard
  
6. We should \_\_\_\_\_ several hypotheses to discuss the matter.
  - v.* to suggest or accept something as fact or as a basis for argument or consideration
  
7. The country is facing a \_\_\_\_\_ with high unemployment and low GDP.
  - n.* a period of economic decline, typically lasting for six months or more, during which trade and industrial activity decrease, and unemployment increases

ANSWERS: 1. represent, 2. query, 3. tackle, 4. uniform, 5. norms, 6. posit, 7. recession,

8. The police are searching for the \_\_\_\_\_ who stole the jewels.  
*n.* a person who has committed a crime
9. The data \_\_\_\_\_ that the company's profits have steadily increased over the past quarter.  
*v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
10. We \_\_\_\_\_ our mining resources to strengthen our national power.  
*v.* to make full use of and gain an advantage from resources, opportunities, etc.
11. The ocean is a rich \_\_\_\_\_ of natural resources.  
*n.* a place where things are stored in large quantities and can be found
12. The budget \_\_\_\_\_ forced them to make difficult decisions.  
*n.* a limit or restriction on something, such as an action, behavior, or thought
13. She gave money to help set up a \_\_\_\_\_ laboratory.  
*adj.* relating to the production and selling of the medical drugs
14. She \_\_\_\_\_ quietly in response to the question.  
*v.* to lower and raise one's head, sometimes several times, as to show approval, agreement, greeting, or confirmation
15. I'm going to take the \_\_\_\_\_ to get to my destination faster.  
*n.* a main road, especially one connecting major towns or cities
16. In the \_\_\_\_\_ meeting, the team discussed ways to improve productivity.  
*adj.* happening or occurring later or after something else

ANSWERS: 8. criminal, 9. indicates, 10. exploit, 11. repository, 12. constraint, 13. pharmaceutical, 14. nodded, 15. highway, 16. subsequent

17. The sound of the trumpet \_\_\_\_\_ the arrival of the king.  
*v.* to be a sign or indication of something to come; to proclaim or announce something publicly, often with great enthusiasm or fanfare
18. After the accident, three governmental bodies \_\_\_\_\_ the company.  
*v.* to oversee and control the operation or arrangement of something
19. This artwork is \_\_\_\_\_ of her work.  
*adj.* having the usual characteristics or traits of a specific group of things
20. I need to \_\_\_\_\_ these pictures to my computer to edit them.  
*v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
21. 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
22. The \_\_\_\_\_ in the road was so sharp that I had to slow down to navigate it safely.  
*n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
23. The \_\_\_\_\_ process can be long and difficult, but it is worth it for the love of a child.  
*n.* the action or fact of legally taking another's child as one's own; the act of accepting with approval
24. The doctor carefully examined the \_\_\_\_\_ medical history.  
*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 17. heralded, 18. administer, 19. typical, 20. upload, 21. disease, 22. curve, 23. adoption, 24. patient's

25. We had roasted \_\_\_\_\_ for dinner, and it was delicious.
- n.* birds that are kept for their meat or eggs, particularly domesticated birds, including chickens, ducks, and turkeys
26. The government issued a decree to \_\_\_\_\_ new laws regarding environmental conservation.
- v.* to make known or announce officially; to publicly declare or communicate a law, rule, belief, or idea
27. They used a special receiver to \_\_\_\_\_ police radio channels.
- v.* to observe, check, and track the progress or quality of something over a period of time
28. 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
29. A suspension order from the court is effective \_\_\_\_\_.
- adv.* now or without delay
30. The robot can accurately \_\_\_\_\_ construction material.
- v.* to specify or determine the exact position of someone or something
31. 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
32. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way

ANSWERS: 25. fowl, 26. promulgate, 27. monitor, 28. outbreak, 29. immediately, 30. locate, 31. immunization, 32. advance

33. We are responsible for the care and \_\_\_\_\_ of all our employees.  
*n.* the state of being happy and healthy and prosperous
34. He bought a new \_\_\_\_\_ to attach the strap to his watch.  
*n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
35. We must prepare for the \_\_\_\_\_ storm expected to hit our area.  
*adj.* about to happen or occur; close in time; imminent
36. The artist received a lot of \_\_\_\_\_ for his latest work.  
*n.* the act of recognizing and valuing the worth or importance of something or someone; gratitude or thankfulness; an increase in value over time
37. His actions were a testament to his deep love and \_\_\_\_\_ for his country.  
*n.* love and loyalty to one's country
38. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else
39. Following international law, our country does not \_\_\_\_\_ in the internal affairs of our neighbors.  
*v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
40. The \_\_\_\_\_ of allergies has increased in recent years.  
*n.* the state or condition of being widespread or common; the extent or frequency of occurrence of a disease or condition in a given population at a specific time

ANSWERS: 33. well-being, 34. stud, 35. impending, 36. appreciation, 37. patriotism, 38. relatives, 39. intervene, 40. prevalence

41. This machine is too difficult to \_\_\_\_\_ for me.  
*v.* to work in a particular way; to supervise something
42. Political corruption was common throughout the postwar \_\_\_\_\_.  
*n.* a period that is distinct from others, typically in history
43. Necessity is the mother of \_\_\_\_\_.  
*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
44. The class was composed of both \_\_\_\_\_ and graduate students.  
*n.* a student who is studying for their first degree at a university or other higher education institution
45. It's notoriously challenging to \_\_\_\_\_ birth rates.  
*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
46. In \_\_\_\_\_ private corporations provide healthcare services.  
*n.* the act or process of adding something to something else; the process of adding numbers
47. Later, his claim was found to be \_\_\_\_\_ false.  
*adv.* completely
48. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.  
*adj.* enormous amount; very heavy and solid
49. The invention of the camera triggered the development of \_\_\_\_\_ painting.  
*adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence

ANSWERS: 41. operate, 42. era, 43. invention, 44. undergraduate, 45. predict, 46. addition, 47. entirely, 48. massive, 49. abstract



50. The stock market had one bad \_\_\_\_\_ today.

*n.* a sudden and small, and typically temporary, change or deviation from a general trend

51. 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

52. The \_\_\_\_\_ concluded that bankruptcy was inevitable.

*n.* someone whose job is to examine something to learn or understand more about it

53. I am \_\_\_\_\_ looking for a new job opportunity.

*adv.* in a way that involves taking action or participating actively; with energy and determination

54. She received her \_\_\_\_\_ in psychology from the university.

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

55. University is a great place to \_\_\_\_\_ our minds and expertise.

*v.* to prepare and foster land for growing crops or plants

56. University teaches the art of understanding the \_\_\_\_\_ of the matter.

*n.* the basic or most important part or quality of something that makes it what it is

57. I found an old \_\_\_\_\_ of my grandparents from their wedding day.

*n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

ANSWERS: 50. blip, 51. influenza, 52. analyst, 53. actively, 54. degree, 55. cultivate, 56. essence, 57. photograph

58. A rainbow is a natural \_\_\_\_\_.

- n.* something that exists and can be perceptible, especially one that is not fully understood

59. I want to \_\_\_\_\_ to the newsletter to stay up-to-date on industry news.

- v.* to agree to receive or support something, often through payment or regular participation; to sign up for or enroll in something, such as a publication, service, or program

60. To enhance the flavor, the chef decided to \_\_\_\_\_ the meat with a flavorful marinade.

- v.* to completely fill or soak something with a substance; to completely permeate or imbue something with a particular quality or element; to make something thoroughly absorbed

61. 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

62. 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

63. 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.)

64. The \_\_\_\_\_ chip in my credit card allows me to make contactless payments.

- adj.* fixed firmly into the surface of something

ANSWERS: 58. phenomenon, 59. subscribe, 60. saturate, 61. classic, 62. individual, 63. vaccine, 64. embedded

65. The country has designated our products as \_\_\_\_\_ import goods.  
*adj.* limited in extent, number, scope, or action, especially by official rules, laws, etc.
66. A \_\_\_\_\_ audience viewed the broadcast.  
*adj.* enormous in size, number, amount, or quantity
67. The cherry blossoms in the park were in full \_\_\_\_\_.  
*n.* a flower, especially one having showy or colorful parts; the best time of youth
68. The members of religious organizations released \_\_\_\_\_ poisonous gas on a subway train.  
*adj.* likely to cause or capable of causing death
69. She took the recommended \_\_\_\_\_ of medication to treat her headache.  
*n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
70. He has a flair for \_\_\_\_\_.  
*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
71. We decided to take a detour to avoid the construction \_\_\_\_\_ on the main road.  
*n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
72. He is more concerned about the \_\_\_\_\_ of his body fat than usual because of an upcoming bodybuilding competition.  
*n.* a part, share, or amount of something considered in comparative relation to a whole

ANSWERS: 65. restricted, 66. vast, 67. bloom, 68. deadly, 69. dose, 70. mathematics, 71. traffic, 72. proportion

73. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

74. The era of the industrial revolution was a crucial \_\_\_\_\_ of history.

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

75. It is an incredible \_\_\_\_\_ to climb Mount Everest, the highest mountain in the world.

*n.* a notable or impressive achievement, especially one that requires great skill or bravery

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

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

77. Cities around the world set records for highest \_\_\_\_\_ this summer.

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

78. I attempted to \_\_\_\_\_ him, but he ignored me.

*v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

79. We want to \_\_\_\_\_ our company through your media.

*v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

80. There are \_\_\_\_\_ differences between the two wine-producing regions.

*adj.* easy to see, discover or understand

ANSWERS: 73. probable, 74. phase, 75. feat, 76. eventually, 77. temperatures, 78. warn, 79. advertise, 80. obvious

81. One of the main \_\_\_\_\_ of the new product is its increased efficiency.
- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
82. Our company must continue to strive for greater \_\_\_\_\_.
- n.* the state or quality of doing something well with no waste of input such as time or money
83. 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
84. Her \_\_\_\_\_ accent made it difficult to take her seriously.
- adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere
85. He was riding \_\_\_\_\_ on the sheep during the day.
- n.* a group of animals of the same type that live or are kept together as livestock
86. This measurement aims to reduce traffic at \_\_\_\_\_ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
87. These synthetic \_\_\_\_\_ are used in military vests because of their excellent abrasion resistance.
- n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
88. A balanced \_\_\_\_\_ is more important for health than supplements.
- n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

ANSWERS: 81. advantages, 82. efficiency, 83. distance, 84. affected, 85. herd, 86. peak, 87. fabrics, 88. diet

89. 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
90. Not all teachers accept citing \_\_\_\_\_ as a valid source for academic papers.  
*n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
91. Direct lighting is preferable to \_\_\_\_\_ lighting when reading.  
*adj.* spread out widely; not concentrated in one place
92. The president began to \_\_\_\_\_ an army.  
*v.* to collect in one place as a single group
93. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.  
*v.* to guess or calculate the cost, size, value, etc. of something
94. Please \_\_\_\_\_ to the instruction manual for further assistance.  
*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
95. On three sides, mountains \_\_\_\_\_ the settlement.  
*v.* to be all around something or somebody
96. To find drunk drivers, police conduct \_\_\_\_\_ tests.  
*adj.* made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 89. germ, 90. Wikipedia, 91. diffuse, 92. assemble, 93. estimated, 94. refer, 95. surround, 96. random

97. He \_\_\_\_\_ hypothesizes that no mathematician has ever imagined before.
- v.* to build or create something; to assemble or combine different parts to form something whole
98. Their financing options are reasonable and easy to \_\_\_\_\_.
- v.* to help or benefit; to use or take advantage of
99. 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
100. The novel paints the protagonist as a maladjusted \_\_\_\_\_ unable to fit into society or connect meaningfully with others.
- n.* a person who dislikes or distrusts humankind, typically showing a general hatred or disdain for human society or social interaction
101. 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
102. The hut stands on the \_\_\_\_\_ of a mountain.
- n.* a surface with one end or side that is higher than the other
103. The birds live in tropical forests, \_\_\_\_\_ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
104. Their \_\_\_\_\_ strictly prohibits them from drinking or gambling.
- n.* a deep conviction in a supernatural power that controls human destiny

ANSWERS: 97. constructs, 98. avail, 99. immune, 100. misanthrope, 101. fostering, 102. slope, 103. savannahs, 104. religion

105. The outermost \_\_\_\_\_ shell determines the chemical properties of an atom.  
*n.* a tiny particle with the negative electrical charge

106. The project went \_\_\_\_\_ and was completed ahead of schedule.  
*adv.* in a way that is steady, even, or without problems; without interruption or difficulty; with ease

107. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy

108. 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

109. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.  
*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

110. The process was carried out at \_\_\_\_\_ cost.  
*adj.* tiny in amount; the least possible

111. I pushed \_\_\_\_\_ with my new project, even though it would take much hard work.  
*adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open

112. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things

ANSWERS: 105. electron, 106. smoothly, 107. fuel, 108. achieve, 109. process, 110. minimal, 111. forth, 112. biology



113. The company tried to build an \_\_\_\_\_ image.

*adj.* showing a selfless and disinterested concern for the happiness and well-being of other people

114. The young prince will soon \_\_\_\_\_ the throne.

*v.* to consume all of someone's space, attention, or time

115. I heard some juicy \_\_\_\_\_ about our co-worker at the water cooler.

*n.* conversation or discussion about other people's personal affairs, often of a trivial or idle nature involving sharing rumors, hearsay, or speculation about the lives of others

116. In just four years, the \_\_\_\_\_ has doubled.

*n.* the total number of people in a country, region, or location

117. Some studies suggest that people's \_\_\_\_\_ can be influenced by their experiences and biases.

*n.* the ability to understand or know something without reasoning or evidence; a feeling that guides a person to do or believe something without fully understanding why

118. The doctor examined the \_\_\_\_\_ colon to check for any abnormalities.

*adj.* relating to or shaped like the letter "S"

119. This device is used to \_\_\_\_\_ brain cancer and other tumors.

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

120. Full involvement means \_\_\_\_\_ and prompt responses.

*adj.* honest and sincere; open and candid in expression

ANSWERS: 113. altruistic, 114. occupy, 115. gossip, 116. population, 117. intuitions, 118. sigmoid, 119. diagnose, 120. frank

121. Animal protection groups call for an end to animal testing in a \_\_\_\_\_.
- n.* a workplace for doing scientific research or teaching science; a lab
122. The organization \_\_\_\_\_ her to be the next president.
- v.* to propose someone for a position, especially in politics or an organization, or some honor
123. The president must have the highest \_\_\_\_\_ standards.
- adj.* of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
124. This facility has the largest astronomical \_\_\_\_\_ in the country.
- n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
125. The government has implemented measures to prevent the \_\_\_\_\_ of COVID-19, such as social distancing and mandatory mask-wearing.
- n.* the spread of a disease or harmful influence from one person or thing to another
126. We gained various \_\_\_\_\_ by analyzing the vast amount of data owned by the company.
- n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
127. 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
128. Federal bankruptcy laws \_\_\_\_\_ the reorganization process.
- v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

ANSWERS: 121. laboratory, 122. nominated, 123. ethical, 124. telescope, 125. contagion, 126. insights, 127. immunity, 128. prescribed

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

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

130. My ex-\_\_\_\_\_ and I had different working styles but managed to get along.

- n.* a person who works with another in the same company or organization

131. Both forts were subject to \_\_\_\_\_ attacks.

- adj.* happening or done without delay or occurring shortly after something else

132. The nurse \_\_\_\_\_ the children in the school.

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

133. The procession of demonstrators was \_\_\_\_\_ continuing.

- adv.* in a way that continues for a long time or seems to have no end or limit

134. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.

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

135. Parents often \_\_\_\_\_ their characteristics to their children.

- v.* to send or forward an electronic signal; to pass something from one person or thing to another

136. Every five years, the provincial governors are \_\_\_\_\_.

- v.* to choose someone for a specific position by voting for them; to decide or choose to do something

ANSWERS: 129. delayed, 130. coworker, 131. immediate, 132. vaccinated, 133. endlessly, 134. pathogens, 135. transmit, 136. elected

137. Most of the programs are \_\_\_\_\_ in this area.

*v.* to send out a program or some information on radio or television

138. The researcher demonstrated the superiority of quantum \_\_\_\_\_ in several mathematical tasks.

*n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

139. Where can I \_\_\_\_\_ the application form?

*v.* to get something, especially by making a great effort

140. They donated large sums of money for the development of \_\_\_\_\_.

*n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

141. It is not \_\_\_\_\_ and inefficient to complete many tasks at once.

*adj.* capable of being or likely to be made, done, or achieved

142. The vegetarian burger was an \_\_\_\_\_ that quickly spread to the United Kingdom.

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

143. People can clone a sheep \_\_\_\_\_.

*adv.* at the current time, in comparison to the past

144. She had many good \_\_\_\_\_ and few faults.

*n.* high moral standards in behavior or attitudes

ANSWERS: 137. broadcast, 138. computation, 139. obtain, 140. humanity, 141. feasible, 142. innovation, 143. nowadays, 144. virtues

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

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

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

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

147. He is always \_\_\_\_\_ to the poor.

*adj.* giving money, food, or help free to those who are poor or in need; full of love and generosity

148. This \_\_\_\_\_ does not require the patient's consent.

*n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so

149. The worker survived the impact because they were wearing sturdy \_\_\_\_\_.

*n.* a protective covering for the head, worn for safety or as part of a uniform or ceremonial dress

150. Children often copy their parents or elder \_\_\_\_\_.

*n.* a brother or sister; member of a family born to the same parents

151. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.

*adj.* causing strong emotions or feelings, especially sadness or sympathy

152. His estate was \_\_\_\_\_ to his sons.

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

ANSWERS: 145. interaction, 146. microscope, 147. charitable, 148. intervention, 149. helmets, 150. siblings, 151. moving, 152. distributed

153. The \_\_\_\_\_ of the car was too fast for the road conditions.

- n.* the rate of change of an object's position with respect to time, often measured in meters per second (m/s)

154. Due to the \_\_\_\_\_ of television and video, cinema theaters had a small audience.

- n.* a spreading motion in multiple directions

155. During colonial eras, new migratory patterns \_\_\_\_\_.

- v.* to move out of or away from something and become visible

156. 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

157. I forgot my \_\_\_ at home and needed it to enter the club.

- n.* a part of the psyche that represents the unconscious desires and instincts of an individual; in psychoanalytic theory, it is believed to be the most basic and primal part of the human psyche; (also ID, short for identification) a document or card that proves a person's identity, such as a driver's license, passport, or national ID card

158. \_\_\_\_\_ rejection and acceptance are both psychologically significant events.

- adj.* connected with relationships between people

159. There are many theories to explain this \_\_\_\_\_.

- n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 153. velocity, 154. diffusion, 155. emerged, 156. panel, 157. ID, 158. Interpersonal, 159. paradox

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

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

161. My left arm became \_\_\_\_\_.

*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

162. As tectonic plates \_\_\_\_\_ new oceanic crust is formed along mid-ocean ridges.

*v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course

163. This automatic door could no longer be opened due to a \_\_\_\_\_ failure.

*n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

164. This container has a \_\_\_\_\_ of 10 cubic meters.

*n.* the amount of space occupied by an object or substance; the magnitude of sound

165. The city's \_\_\_\_\_ areas should be given more attention regarding infrastructure and resources.

*adj.* relating to, located on or near, or constituting an outer boundary or edge; not central or essential

166. We would \_\_\_\_\_ an early reply.

*v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

167. The disease is now reaching \_\_\_\_\_ proportions in our country.

*n.* the widespread outbreak of a particular disease in a large number of people at the same time

ANSWERS: 160. technique, 161. numb, 162. diverge, 163. sensor, 164. volume, 165. peripheral, 166. appreciate, 167. epidemic

168. I had an \_\_\_\_\_ feeling that I might be pregnant.

*adj.* obtained through feelings rather than facts or proof

169. She visited the local \_\_\_\_\_ to seek treatment for her persistent headache.

*n.* a medical doctor who practices medicine

170. The shredder in the print room often has paper \_\_\_\_\_.

*n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

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

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

172. He felt like \_\_\_\_\_ when he tasted the delicious chocolate cake.

*n.* (of various religious and mythological traditions) a place or state of existence considered to be the abode of the divine, the afterlife, or a higher realm of being; a state of great happiness, contentment, or beauty

173. Could you help me \_\_\_\_\_ some furniture?

*n.* a slight transition in position, direction, or trend

174. They spent a lot of time trying to \_\_\_\_\_ the current situation.

*v.* to take hold of something or someone quickly and firmly

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

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

ANSWERS: 168. intuitive, 169. physician, 170. jams, 171. infect, 172. heaven, 173. shift, 174. grasp, 175. specific



176. She tried to \_\_\_\_\_ the layout of the new house in her mind.

*v.* to form a mental image or concept of something; to make something visible

177. The majority of students actively \_\_\_\_\_ in the college's intramural sports program.

*v.* to take part in something

178. I decided to seek counseling on the advice of my \_\_\_\_\_.

*n.* one of a group of a coworker, especially in a profession or a business

179. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.

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

180. The \_\_\_\_\_ of time travel has long fascinated scientists and fiction writers alike.

*n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

181. The \_\_\_\_\_ approach taken by the government towards climate change is concerning.

*adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

182. His act of volunteering at the homeless shelter was a clear example of practical \_\_\_\_\_.

*n.* the belief or practice of disinterested and selfless concern for the well-being of others; unselfish devotion to the welfare of others often expressed as acts of kindness or charity

ANSWERS: 176. visualize, 177. participated, 178. colleague, 179. nation, 180. notion, 181. passive, 182. altruism

183. 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

184. The burger was so \_\_\_\_\_ that it dripped down my hand as I ate it.

*adj.* containing much liquid, often used to describe fresh fruit or meat; interesting or exciting, often because it is scandalous or revealing

185. The industrial \_\_\_\_\_ laws were passed with little to no alteration.

*n.* the way two persons or groups of people feel and act toward one another

186. She squeezed a \_\_\_\_\_ of toothpaste onto her toothbrush.

*n.* a small, round mass or lump; a drop or blob of liquid or viscous substance

187. \_\_\_\_\_ is the start, not the end, of intelligence.

*n.* a feeling of being uncertain about something, especially about how good or accurate it is

188. The \_\_\_\_\_ storm clouds filled the sky with ominous darkness.

*adj.* drawing nearer in time or space; coming close to someone or something

189. He tried to \_\_\_\_\_ his experience to the group, but they couldn't understand.

*v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

190. She had a master's degree in \_\_\_\_\_.

*n.* the scientific study of mind and behavior

ANSWERS: 183. incidence, 184. juicy, 185. relations, 186. glob, 187. Doubt, 188. approaching, 189. relate, 190. psychology

191. Trends in the fashion industry are so \_\_\_\_\_ that it is challenging to keep up with them.

*adj.* constantly changing or moving

192. The earthquake resulted in significant \_\_\_\_\_ destruction.

*adj.* associated with the way on construction or organization of anything

193. The \_\_\_\_\_ effect of years of neglect had taken its toll on the old building.

*adj.* increasing or growing by one addition after another

194. The event required \_\_\_\_\_ attire, so he wore a suit and tie.

*adj.* following established, public, or official forms and conventions, often in a serious or somber manner

195. The guard patrolled the \_\_\_\_\_ of the building.

*n.* the outer boundary of an area or the length of this boundary; the distance around the edge of something

196. These articles cite five \_\_\_\_\_ of climate change.

*n.* a particular example or single occurrence of something

197. The hikers finally reached the \_\_\_\_\_ after a long climb up the mountain.

*n.* an elevated, relatively level expanse of land, typically vast and extending over a large area; a state or period of little or no change following a period of growth, development, or progress

198. The \_\_\_\_\_ of the politician was a constant presence at campaign events.

*n.* a person's husband, wife, or partner in marriage

ANSWERS: 191. shifting, 192. structural, 193. cumulative, 194. formal, 195. perimeter, 196. instances, 197. plateau, 198. spouse

199. The wallpaper had a pattern of pink \_\_\_\_\_ on a white surface.

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

200. The regulations \_\_\_\_\_ medical malpractice claims are rigorous.

*v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

201. Too \_\_\_\_\_ a regulation for the private sector will stifle innovation.

*adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.

202. My father tried to \_\_\_\_\_ mathematics into my head since childhood.

*v.* to hit or cause to hit something in a way that makes a loud noise

203. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.

*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

204. This smartphone has a collision \_\_\_\_\_ function.

*n.* the act of discovering or identifying the presence of something

205. 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

206. He discovered unique \_\_\_\_\_ for photochemical reactions.

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

ANSWERS: 199. dots, 200. governing, 201. strict, 202. bang, 203. structure, 204. detection, 205. develop, 206. mechanisms

207. The former emperor had a particular \_\_\_\_\_ even after he abdicated.

- n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself

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

- v.* to make or become better

209. 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

ANSWERS: 207. influence, 208. improve, 209. contract