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Vocabulary Builder Reference from...

Daniel Kraft: How COVID-19 transformed the future of medicine | TED Talk

https://www.ted.com/talks/daniel_kraft_how_covid_19_transformed_the_future_of_medicine

All Words

IMPORTANT

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Session 1: Word List

launch

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

synonym: start, initiate, begin

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

enamored

adj. deeply in love; having a strong affection or admiration for

synonym: captivated, smitten, in love

(1) **enamored** of the idea, (2) **enamored** of bygone days
He had been **enamored** with her since the first time he saw her.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

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

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.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym : donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

aerospace

adj. pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it

synonym : aeronautical, space, aviation

(1) **aerospace** engineering, (2) **aerospace** and defense industry

NASA is an **aerospace** organization that explores space and improves aviation technology.

medicinal

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

synonym : curative, therapeutic, healing

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

The **medicinal** properties of this herb have been known to help with various ailments.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

disciplinary

adj. of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study

synonym :

corrective, punitive, instructive

(1) **disciplinary** action, (2) take **disciplinary** measures
The school's **disciplinary** committee met to discuss the student's behavior.

teamwork

n. the combined action of a group of people working together towards a common goal

synonym: collaboration, cooperation, coordination

(1) poor **teamwork**, (2) **teamwork** in business

Harmonious **teamwork** is essential to the success of this project.

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.

audacious

adj. showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

synonym: bold, daring, fearless

(1) **audacious** stunt, (2) **audacious** decision

The young entrepreneur had an **audacious** plan to start his own company.

lens

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

synonym: glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

historic

adj. famous or significant in history, or potentially so

synonym : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat
The Chinese people have accomplished several **historic** feats.

transform

v. to change in outward structure or looks;

synonym : alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

inflection

n. a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories

synonym : accent, intonation, modulation

(1) **inflection** in voice, (2) **inflection** pattern

The linguist studied the **inflection** of the language's inflection in speech.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym : covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

tragedy

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

synonym : disaster, adversity, calamity

(1) a **tragedy** during work, (2) the aftermath of this **tragedy** Macbeth is a famous **tragedy** by Shakespeare.

sinister

adj. giving the impression that something bad or evil is happening or will happen

synonym : ominous, foreboding, evil

(1) **sinister** look, (2) in **sinister** terms

The dark clouds in the sky gave off a **sinister** feeling.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym : start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

unprecedented

adj. never having been seen, done, or known before

synonym : novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

acceleration

n. a rate of increase in velocity; the rate of change of velocity with respect to time

synonym : speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object
The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

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.

collaboration

n. the act or situation of working together to create or produce something

synonym: affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

discovery

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

synonym: finding, uncovering, detection

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

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

catalyst

n. a person or thing that causes an important event to happen or changes the current situation rapidly;
(chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself

synonym: accelerator, stimulant, motivation

(1) a **catalyst** in the process of hydrolysis, (2) **catalyst** for reform

The global financial crisis acted as a **catalyst** to unite the country.

reimagine

v. to imagine or conceive of something in a new or different way

synonym: re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

equitable

adj. fair and impartial; treating everyone fairly

synonym: fair, honest, impartial

(1) in an **equitable** manner, (2) an **equitable** price

In a democratic country, governments promote **equitable** opportunities to participate in society.

rail

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

synonym: bar, beam, (verb) criticize

(1) **rail** system, (2) **rail** against his enemies

The children leaned over the bridge **rail** to watch the fish swimming below.

exponential

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

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

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

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.

exemplify

v. to serve as a typical example of something

synonym: illustrate, show, demonstrate

(1) **exemplify** the importance, (2) **exemplify** the solution

The example of a successful startup serves to **exemplify** the potential of the industry.

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.

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.

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

supercomputer

n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym: archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

magical

adj. produced by or containing supernatural powers

synonym: enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

kludge

n. a piece of hardware, software, or system that is poorly designed or constructed and often involves a makeshift or temporary solution to a problem

synonym: hack, workaround, makeshift solution

(1) **kludge** solution, (2) **kludge** code

The old printer was connected to the computer with a **kludge** of cables and adapters.

antique

adj. very old and often valuable; from a bygone era

synonym: old, vintage, retro

(1) **antique** shop, (2) imitation **antique**

She has a collection of **antique** vases that she inherited from her grandparents.

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.

dissolve

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

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage
The political party **dissolved** after much internal fighting.

rumor

n. a piece of unverified information of uncertain origin that is spread by word of mouth

synonym: gossip, whisper, talk

(1) a false **rumor**, (2) **rumor** mill

There was a baseless **rumor** that the company was going bankrupt.

augment

v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym: boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

smartglass

n. a type of glass or transparent material that incorporates digital or electronic features, such as displays, sensors, or cameras, often used in the context of smart homes, wearable devices, or other IoT applications

synonym: smart windows, intelligent glass, dynamic glass

(1) frameless **smartglass**, (2) **smartglass** display

Smartglass technology lets the user see computer-generated images overlaid in the real world.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

medic

n. a person trained to provide medical care, especially in an emergency

synonym : paramedic, medical professional

(1) **medic** unit, (2) military **medic**

The army **medic** arrived on the scene to provide medical assistance.

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.

detect

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

synonym : catch, observe, notice

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

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

infection

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

synonym : contagion, disease, transmission

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

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

desktop

n. a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities

synonym : computer, workstation, PC

(1) **desktop** software, (2) **desktop** wallpaper

I need to upgrade my **desktop** computer since it's become quite slow.

wrist

n. the joint between the hand and the forearm; the narrow part of the hand near this joint

synonym : carpus

(1) **wrist** bones, (2) glance at my **wrist** watch

He sprained his **wrist** while playing basketball.

domain

n. a specific sphere of influence or control; a specific field of knowledge or expertise

synonym : territory, realm, sphere

(1) **domain** of use, (2) a dependent **domain**

The company's **domain** in the market was expanding to new territories.

medical

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

synonym : health, disease, treatment

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

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

converge

v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

synonym : congregate, assemble, concentrate

(1) **converge** of a series, (2) **converge** from different points

The two rivers **converge** into one near this area.

interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

synonym : junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**
Detergent weakens the surface tension at the **interface** of two liquids.

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.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

surgery

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

synonym : operation, (medical) procedure

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

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

digiceuticals

n. digital health technologies or apps that are designed to improve health outcomes or prevent illness in a way that is similar to pharmaceutical drugs or other medical treatments

synonym : digital therapeutics, app-based therapeutics, digital medicine

(1) **digiceuticals** apps, (2) **digiceuticals** market

There is growing interest in using **digiceuticals** for mental health, such as apps to reduce anxiety or treat depression.

telemedicine

n. the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services

synonym : remote healthcare, online medicine, virtual care

(1) **telemedicine** consultation, (2) **telemedicine** technology

Due to the pandemic, many doctors have started offering **telemedicine** appointments.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

synonym : medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

disrupt

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

synonym : interrupt, disturb, break into

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

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

breach

n. a break or opening, often in a wall or barrier, which enables passage or entry; a violation or infraction of a law, agreement, or duty, often resulting in legal action or punishment

synonym : violation, infraction, trespass

(1) security **breach**, (2) **breach** of privacy

The company's data **breach** compromised thousands of customers' personal information.

industrial

adj. of or relating to or resulting from industry

synonym : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

Industrial design has become more focused on human nature aspect than ever before.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

electrocardiogram

n. a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity

synonym : ECG, heart monitor, cardiac monitor

(1) **electrocardiogram** technician, (2) abnormal **electrocardiogram**

The hospital invested in state-of-the-art **electrocardiogram** machines to improve patient care.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym : outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym : depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him
Babies heavily **rely** on others for food.

core

n. the most essential or fundamental part of something
synonym : center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

mask

v. to conceal something; (noun) a covering that you wear over your face to hide it

synonym : disguise, camouflage, conceal

(1) **mask** body odor, (2) an oxygen **mask**

The politician tried to **mask** the corruption.

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.

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.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym : attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

intermittent

adj. occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic

synonym : sporadic, irregular, periodic

(1) **intermittent** fever, (2) **intermittent** Wi-Fi

The **intermittent** rain made it difficult to plan a picnic.

episodic

adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration

synonym : intermittent, recurrent, sporadic

(1) **episodic** story, (2) **episodic** event

The patient's memory loss is **episodic**, with periods of normal memory followed by episodes of amnesia.

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?

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

react

v. to take action in response to something

synonym : respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

emergency

n. a sudden unforeseen crisis usually involving danger that requires immediate action

synonym : crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

stroke

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

synonym : blow

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

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

cancer

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

synonym : tumor, carcinoma, malignancy

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

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

shore

n. the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

synonym : coast, seaside, beach

(1) a sandy **shore**, (2) **shore** up demand

The waves are beating against the **shore**.

accelerate

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

synonym : speed up, quicken, rev

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

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

continuous

adj. occurring or existing without a pause or interruption

synonym : ceaseless, regular, repeated

(1) **continuous** improvement, (2) a **continuous** row of warehouses

The heavy snow has been **continuous** since last morning.

proactive

adj. acting in advance to deal with an expected difficulty or to take advantage of an opportunity.

synonym : gung-ho, anticipatory, forward-thinking

(1) **proactive** approach, (2) **proactive** about doing the task
The company implemented **proactive** measures to prevent future issues.

crowdsourcing

n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

(1) **crowdsourcing** apps, (2) **crowdsourcing** in climate policy

The company used this **crowdsourcing** platform to gather ideas for its next product.

interconnect

v. to connect similar things

synonym : interlink, complect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

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.

genome

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

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

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

app *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
synonym : application, software
(1) killer **app**, (2) cannot log in to the **app**
The discovery of a critical bug caused the company to delay the **app's** release.

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.

caregiving *n.* the act of providing care and support for someone who is ill, disabled, or elderly
synonym : nurturing, caring, assisting
(1) **caregiving** process, (2) **caregiving** responsibilities
She devoted her life to **caregiving**, looking after her aging parents.

incentive *n.* something, such as a punishment, reward, etc., that encourages a person to do something
synonym : encouragement, inducement, enticement
(1) financial **incentives**, (2) an **incentive** to work hard
They have no **incentive** to win the game.

reimburse *v.* to pay someone back for money that they have spent
synonym : compensate, repay, refund
(1) **reimburse** expenses, (2) **reimburse** money
The insurance company will **reimburse** the cost of the damage caused by the storm.

align

v. to put or arrange two or more things in a straight line or to form a straight line

synonym : coordinate, regulate, adjust

(1) **align** the economic interest of each other, (2) **align** with a historical trend

Both parties are now entirely ideologically **aligned**.

virtual

adj. being actually such in almost every respect; existing in essence or effect though not in actual fact

synonym : practical

(1) a **virtual** image, (2) trading of **virtual** currencies

She is the **virtual** president of the company.

hyperconnected

adj. having multiple, complex links or relationships between different people, objects, or systems

synonym : highly connected, fully connected

(1) **hyperconnected** network, (2) **hyperconnected** technology

The world has become increasingly **hyperconnected**, with the internet and social media playing a significant role in communication and information exchange.

silo

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

synonym : storage, warehouse, barn

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

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

gap

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym : opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**

Many people are working together to close the gender **gap**.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

instigate

v. to initiate, start or incite something, often to cause trouble, conflict, or violence; to urge or stir someone to take a particular action or behavior

synonym: provoke, incite, raise

(1) **instigate** a conflict, (2) **instigate** a discussion

The protesters tried to **instigate** change and promote equality in their community.

immense

adj. extremely large or great

synonym: enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

clinician

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

synonym: psychiatrist, therapist, doctor

(1) experienced **clinician**, (2) from a **clinician's** perspective

Some **clinicians** believe that psychological characteristics alone may cause mental disorders.

intensive

adj. involving a lot of work or activity in a short time

synonym: thorough, comprehensive, in-depth

(1) **intensive** agriculture, (2) **intensive** care

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

dive

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

synonym: dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff
The sperm whale can **dive** to 1,000 meters.

paradigm

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

synonym: example, standard, epitome

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

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

implication

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

synonym: suggestion, association, conclusion

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

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

prediction

n. the act of predicting the future by reasoning; a statement made about the future

synonym: forecast, anticipation, foretelling

(1) make my **predictions**, (2) gloomy **predictions**

These results muddied the **prediction**.

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.

therapy

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

synonym: antidote, medicine, treatment

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

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

outcome

n. the result or effect of an action, event, etc.

synonym:

result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**
They awaited news of the **outcome** of the election.

span

n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym: interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**
He slightly modified the **span** of training because it was just before a match.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

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.

associate

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

synonym: tie in, link, consociate

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

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

explosion

n. a violent release induced by a chemical or nuclear reaction

synonym: burst, eruption, outbreak

(1) a lot of **explosions**, (2) site of the **explosion**

A broken gas pipe triggered the **explosion**.

physiology

n. the branch of the biological sciences dealing with the functioning of organisms

(1) human **physiology**, (2) **physiology** research

Physiology is the science of how living things work.

evolve

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

synonym: develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

disposable

adj. designed to be used once and then thrown away

synonym: throwaway, single-use, expendable

(1) total **disposable** income, (2) **disposable** camera

I prefer using **disposable** razors because they are more convenient.

tattoo

n. a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design

synonym: emblem, symbol

(1) a **tattoo** artist, (2) a person who has a **tattoo**

Any activity on the Internet will be stored as a digital **tattoo** for life.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form

high in the atmosphere.

vital

adj. necessary for the success or continued existence of something

synonym: critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society

Perseverance and optimism are **vital** to success.

integrate

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

synonym: mix, merge, combine

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

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

discharge

v. to release or let go of something or someone; to dismiss or terminate an employee or member of an organization; to emit or give off a substance or energy

synonym: release, emit, expel

(1) **discharge** water, (2) **discharge** a contract

The hospital will **discharge** the patient as soon as their condition stabilizes.

replacement

n. the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

synonym: alternate, substitute, backup

(1) regular **replacement** of tires, (2) **replacement** cost

We demand his **replacement**.

recover

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

synonym: come back, convalesce, heal

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

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

trigger

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

synonym: activate, spark, drive

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

The incident **triggered** a political controversy.

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.

quantify

v. to express or measure something in numerical terms

synonym: measure, express, determine

(1) **quantify** the results, (2) **quantify** blood flow

He tried to **quantify** the amount of product that was needed to complete the job.

silent

adj. without any or little sound

synonym: quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

clinical

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

synonym: dispassionate, analytic, scientific

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

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

optimize

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

synonym: advance, amend, improve

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

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

loop

n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

synonym : circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for transportation.

wristband

n. a strip of material worn around the wrist for decoration, support, or identification purposes

synonym : bracelet, sweatband, wristlet

(1) **wristband** watch, (2) festival **wristband**

The nightclub bouncer checked the **wristbands** of everyone entering the premises to ensure their age.

obtainable

adj. capable of being obtained, acquired, or reached; accessible

synonym : attainable, achievable, reachable

(1) **obtainable** resources, (2) **obtainable** solutions

The information on their website could have been clearer, but I found an **obtainable** answer eventually.

cuff

n. a band or strip of material, usually worn around the wrist or ankle, often used to secure or fasten something in place; a blow or hit delivered with an open hand, typically to the head or ear

synonym : bracelet, handcuff, shackle

(1) **cuff** bracelet, (2) soft **cuff**

The doctor used a blood pressure **cuff** to measure my vitals.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

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.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

lab

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

synonym: workshop, laboratory, research chamber

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

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

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

beneath

adv. in or to a lower place than someone or something

synonym: down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

underwear

n. clothes worn next to the skin under outer clothes

synonym: undergarments, lingerie, innerwear

(1) **underwear** clothing, (2) men's **underwear**

I want to buy new winter **underwear** because mine have holes in them.

respiratory

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

synonym : breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments
Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

decompensation

n. a medical term used to describe a worsening or failure of a previously stable or compensated condition, often used in the context of heart failure, liver disease, or other chronic conditions

synonym : deterioration, breakdown, failure

(1) hepatic **decompensation**, (2) cardiac **decompensation**
Early detection of **decompensation** can help prevent serious complications and improve patient outcomes.

bronchitis

n. an inflammation of the bronchial tubes, often resulting in cough, chest discomfort, and difficulty breathing, can be caused by viral or bacterial infections, environmental irritants, or other factors

synonym : chest cold, respiratory infection, bronchial inflammation

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

I have a terrible case of **bronchitis** and need to see a doctor.

molecule

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

synonym : particle, element, atom

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

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

breath

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

synonym : air, puff, whiff

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

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

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym: associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

metabolism

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

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

Better sleep leads to increased **metabolism**.

infectious

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

synonym: contagious, epidemic, transmittable

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

Leprosy is an indolent **infectious** disease.

ambient

adj. relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting

synonym: atmospheric, surrounding, encompassing

(1) **ambient** temperature, (2) **ambient** air pollution

The **ambient** lighting in the restaurant created a cozy and romantic atmosphere.

biomarker

n. a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention

synonym: indicator, measure, signature

(1) diabetes **biomarker**, (2) **biomarker** discovery

The **biomarker** test showed that the patient was responding well to the treatment.

differentiate

v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

cough

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

synonym: hack, clear throat, wheeze

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

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

exude

v. to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way

synonym: emit, ooze, radiate

(1) **exude** confidence, (2) **exude** charm

The flowers **exude** a sweet fragrance.

exhaust

n. the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

synonym: emission, fumes, (verb) deplete

(1) **exhaust** pipe, (2) **exhaust** a topic

The factory's **exhaust** fumes polluted the air and affected the health of the nearby residents.

digitome

n. a collection of digital data or information about a particular individual or group, especially in the context of personalized medicine or healthcare

(1) **digitome** analysis, (2) human **digitome**

Advances in digital technology have greatly expanded our ability to explore the **digitome** and extract useful insights

from it.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym: lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

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.

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.

institute

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym: academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

donor

n. a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person

synonym: contributor, patron, supporter

(1) a transfusion of **donor** blood, (2) an unnamed **donor**
His body rejected the liver of the **donor**.

diverse

adj. including numerous categories of individuals or entities;
various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents
New York is a city with a **diverse** ethnic population.

racial

adj. of or related to the race (= classification of humans into
groups based on physical traits or social relations)

synonym: ethnic, tribal, ethnical

(1) **racial** prejudice, (2) **racial** and ethnic backgrounds
A minor **racial** conflict later led to a civil war.

socioeconomic

adj. relating to the social and economic factors that shape an
individual, group, or community, particularly in terms of
income, occupation, education, and social class

synonym: social, economic, financial

(1) **socioeconomic** status, (2) **socioeconomic** issues
The **socioeconomic** conditions of a country can significantly
affect its political stability.

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.

precision

n. the quality or condition of being exact and accurate

synonym: accuracy, exactness, rigor

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

predictability

n. the quality of being able to be predicted or expected; the degree to which something is predictable or can be relied upon to follow a specific pattern or behavior

synonym : consistency, reliability, certainty

(1) **predictability** index, (2) lack of **predictability**

The **predictability** of the weather patterns helped the farmers plan their crops accordingly.

engine

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

synonym : motor, locomotive, driver

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

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

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.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym : sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

onset

n. the beginning or early stages of unpleasant something; a military attack

synonym : beginning, attack, commencement

(1) at the first **onset**, (2) the **onset** of spring

This medicine works best when taken at the **onset** of a cold.

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**.

smartwatch

n. a wearable computing device in the form of a watch

(1) high-end **smartwatch**, (2) multifunctional **smartwatch**

Various companies, including software companies, are entering the **smartwatch** market.

combine

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

synonym : coalesce, cohere, blend

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

(2) **combine** augmented reality

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

graph

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

synonym : chart, diagram, figure

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

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

trace

v. to find or discover someone or something that was lost

synonym : seek, follow, depict

(1) **trace** a telephone call, (2) **trace** back to medieval times

Let's **trace** the origins of some familiar foreign words.

advancement

n. the development, improvement, or progress of something

synonym: progression, breakthrough, improvement

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

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**.

quarantine

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

synonym: isolation, confinement, restriction

(1) out of **quarantine**, (2) mandatory **quarantine**
Due to the outbreak, the government imposed a two-week **quarantine** for all travelers.

kit

n. a set of tools, supplies, or equipment for a particular purpose

synonym: set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**
I bought a new tool **kit** for my home repair projects.

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.

lung

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

(1) **lung** capacity, (2) do **lung** transplantation
He has terminal **lung** cancer.

enhancement

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

(1) cosmetic **enhancements**, (2) genetic **enhancements**
The software update included several **enhancements** to the user interface.

infuse

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

synonym: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning
She **infused** fresh herbs into the soup for added flavor.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art
The evolution of processors has dramatically improved the performance of **AI**.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity
A smaller car will **consume** less fuel.

ultrasound

n. higher frequency sound than humans can hear

(1) **ultrasound** meter, (2) **ultrasound** scan

An **ultrasound** scan showed that the baby was a girl.

evaluate

v. to assess or estimate the quality, significance, quantity, or value of something

synonym : assess, estimate, consider

(1) **evaluate** the grant proposal, (2) **evaluate** a situation
The meeting aims to **evaluate** possible choices.

suspect

v. to consider anything to be actual or probable

synonym : assume, distrust, surmise

(1) **suspect** a plot, (2) **suspect** that he is sick
The cops **suspected** him of being the killer.

shrink

v. to become smaller, or to make something smaller in size or amount

synonym : decrease, diminish, shy away

(1) **shrink** the tumor, (2) **shrink** with fear
This shirt will **shrink** in the wash.

fluid

n. a substance that can flow and is not solid

synonym : liquid, aqua, sap

(1) plenty of **fluids**, (2) **fluid** assets
She was diagnosed with a **fluid** buildup in her lungs.

platform

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

synonym : stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise
The speaker mounted the **platform** and started to speak.

attach

v. to fasten, join, or connect one thing to another

synonym : fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail
He does not **attach** importance to these rumors.

measurement

n. the act or process of finding something's size, quantity, or degree

synonym : calculation, dimensions, size

(1) chest **measurement**, (2) a precise **measurement**
The **measurement** error of this industrial machine is less than one micrometer.

saliva

n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion

synonym : spit, drool, slobber

(1) dog's **saliva**, (2) dry mouth with little **saliva**

The dentist asked him to spit out the excess **saliva** into the sink.

selfie

n. a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media

synonym : self-portrait, self-photo, self-snap

(1) **selfie** stick, (2) pose for a **selfie**

She took a **selfie** in front of the famous tower and shared it on the app.

urine

n. a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate

synonym : excrement, dung, pee

(1) **urine** composition, (2) blood in the **urine**

They collected a **urine** specimen for urinalysis.

tract

n. a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

synonym : region, area, tube

(1) a urinary **tract** infection, (2) a **tract** of virgin forest

The farmer owns a large **tract** of land where he grows corn and soybeans.

privacy

n. someone's right to keep their personal matters and relationships not watched or interrupted by other people

synonym : seclusion, aloneness, solitariness

(1) **privacy** abuse, (2) trespass on a person's **privacy**

This conduct would be an invasion of **privacy**.

dip

v. to put something into a liquid for a short time and take it out again

synonym : dunk, dive, plunge

(1) **dip** a pen in ink, (2) **dip** a chip in the sauce

Please **dip** up a bucketful of water from the well.

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**.

pharmacy

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

synonym : drugstore, chemist's, apothecary

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

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

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym : fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

sequence

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

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

sew

v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle

synonym: stitch, darn, tailor

(1) **sew** with thread, (2) **sew** a button

My mother taught me how to **sew**.

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.

identify

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

synonym: determine, specify, recognize

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

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

hotspot

n. a place or area, typically a location or region, that is known for having an unusually high number of a

particular phenomenon, such as disease, activity, or popularity

synonym : epicenter, cluster, outbreak

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

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

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.

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.

intelligence

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

synonym : brains, brightness, cleverness

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

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

scan

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

synonym : look over, scrutinize, browse

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

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

enhance

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

synonym :

improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla
The new strategy will **enhance** the profitability of our company.

vision

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

synonym: sight, image, concept

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

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

gastroenterology

n. the branch of medicine that deals with the structure, function, diagnosis, and treatment of the digestive system and its diseases

synonym: gastrology, digestive medicine, enterology

(1) **gastroenterology** clinic, (2) **gastroenterology** research

The doctor specializes in **gastroenterology** and treats patients with digestive disorders.

colonoscopy

n. a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases

synonym: colon examination, bowel scope, colonography

(1) **colonoscopy** screening, (2) virtual **colonoscopy**

He had to undergo a **colonoscopy** as part of his routine medical check-up.

lesion

n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease

synonym: injury, wound, damage

(1) muscle **lesion**, (2) brain **lesion**

The doctor examined the **lesion** on the patient's skin to determine if it was cancerous.

antiviral

adj. inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses

(1) **antiviral** effect, (2) an **antiviral** agent

The doctor immediately prescribed **antiviral** drugs.

perceive

v. to become aware or conscious of something through the senses

synonym: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

threat

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

synonym: menace, danger, hazard

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

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

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

synonym: healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

collaborate

v. to work with someone else to produce or achieve something

synonym : cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

dramatically

adv. in a very impressive manner

synonym : greatly, noticeably, suddenly

(1) he confessed **dramatically**, (2) the cabin pressure fell **dramatically**

Life expectancy has grown **dramatically** this century.

revert

v. to return to a previous state or condition; to reply

synonym : return, go back, restore

(1) **revert** to a heavy smoker, (2) **revert** to the original subject

After trying the new software, I **reverted** to the old version.

compelling

adj. arousing strong and irresistible interest, attention, or admiration

synonym : tempting, captivating, influential

(1) tell a **compelling** story, (2) new and **compelling** evidence

His **compelling** presentation deeply moved everyone.

convenience

n. the state of being suitable or opportune

synonym : availability, usefulness, amenity

(1) **convenience** goods, (2) for **convenience** sake

They offered the **convenience** of an installment plan.

zoom

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

synonym : move quickly, dive, buzz

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

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

asynchronous

adj. not happening at the same time or speed

synonym: non-synchronous, out of sync, not simultaneous

(1) **asynchronous** communication, (2) in **asynchronous** mode

The online course was designed for **asynchronous** learning, allowing students to complete assignments at their own pace.

bot

n. a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users

synonym: robot, droid, android

(1) spam **bot**, (2) **bot** detection

The translation **bot** helped me translate a website from another country.

discern

v. to see, perceive, or understand something that is not obvious

synonym: determine, distinguish, sense

(1) **discern** the big picture, (2) **discern** friend from foe

Parents need to help their children **discern** right and wrong.

triage

n. the process of sorting or categorizing patients or other items by severity or priority to determine the order in which they should be treated or handled

synonym: sorting, prioritizing, categorizing

(1) **triage** system, (2) **triage** nurse

In the aftermath of the hurricane, the military set up a **triage** center to assist with medical emergencies.

exacerbate

v. to make a situation, problem, or feeling worse

synonym: worsen, aggravate, escalate

(1) **exacerbate** the situation, (2) **exacerbate** symptoms

The heat wave **exacerbated** the drought conditions.

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including

the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

stressor

n. something that causes stress or emotional tension

synonym: pressure, strain, burden

(1) **stressor** event, (2) **stressor** management

The deadline for the project was a major **stressor** for the team.

accompany

v. to go somewhere or travel with someone or something

synonym: follow, escort, attend

(1) **accompany** a chicken dish, (2) **accompany** the book

Please let me know if you want to **accompany** me to my hometown.

newfound

adj. newly discovered or acquired

synonym: afresh, new, recently discovered

(1) a **newfound** mine, (2) **newfound** freedom

With his **newfound** wealth, he could travel the world and indulge in his passions.

critic

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

synonym: pundit, analyst, attacker

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

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

ventilate

v. to supply fresh air to a room, building, etc.; to remove stale air from it

synonym: air out, circulate, freshen

(1) **ventilate** my opinion, (2) **ventilate** air

It's important to **ventilate** the room to avoid the buildup of harmful gases.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

shield

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

synonym: guard, protection, safeguard

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

improvisation

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

synonym: spontaneity, ad-lib, extemporization

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

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

fin

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

synonym: flipper, appendage, stabilizer

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

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

democracy

n. a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so

synonym : self-government, republic, commonwealth

(1) **democracy** advocate, (2) principles of **democracy**

Democracy often entails inclusive capitalism as well.

inaccessible

adj. unable to travel to or reach; not available

synonym : inapproachable, unreachable, remote

(1) **inaccessible** to an unauthorized user, (2) **inaccessible** areas

Heavy snow made it **inaccessible** to go to the mountain village.

reshape

v. to change the form or structure of something

synonym : alter, adjust, modify

(1) **reshape** education policy, (2) **reshape** my thoughts

The advent of the Internet completely **reshaped** the manufacturing industry.

cloud-computing

n. the practice of using a network of remote servers hosted on the internet to store, manage, and process data, rather than a local server or personal computer

synonym : on-demand computing, internet-based computing, remote computing

(1) **cloud-computing** infrastructure, (2) **cloud-computing** services

The adoption of **cloud-computing** has revolutionized the IT industry, making it more accessible and affordable.

analytical

adj. relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

synonym : investigative, logical, cogent

(1) **analytical** approach, (2) **analytical** ability

He is **analytical** and can break down complex problems into manageable parts.

expand

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

synonym : extend, grow, boost

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

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

blend

v. to mix or combine two or more substances

synonym : combine, mix, intermingle

(1) **blend** all the elements, (2) **blend** milk and cream

The toad altered its appearance to better **blend** in with its new environments.

in-person

adv. taking place with someone physically present together in the same place rather than on the phone, e-mail, or video link:

synonym : directly, physically, personally

(1) **in-person** performance, (2) get an **in-person** appointment

The virtual world is quite different from the **in-person** world.

valid

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

synonym : proper, reasonable, useful

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

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

volunteer

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

synonym : unpaid worker, draftee, enlistee

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

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

corps

n. a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe

synonym : body, group, organization

(1) airborne **corps**, (2) **corps** artillery

The **corps** arrived at the front lines just in time to reinforce the exhausted soldiers.

paramedic

n. a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles

synonym: emergency medical technician, ambulance attendant, medical responder

(1) **paramedic** ambulance, (2) emergency **paramedic**

The **paramedic** team worked together efficiently to stabilize the patient's vital signs.

firefighter

n. a person whose job is to extinguish fires

(1) forest **firefighter**, (2) decided to be a **firefighter**

The **firefighter** broke into the house bravely to rescue the children.

upskill

v. to teach someone, especially workers, new or additional skills; to learn new or additional skills

(1) **upskill** staff, (2) **upskill** in their use of social media

Recent surveys reveal that job seekers strongly desire the opportunity to **upskill** at their new company.

isolation

n. the condition of being alone or lonely; the act or state of separation between persons or groups

synonym: aloneness, seclusion, separateness

(1) **isolation** booth, (2) the country's **isolation**

That incident led to his **isolation**.

disparity

n. a significant difference or inequality between two or more things

synonym: difference, inequality, gap

(1) the **disparity** between theory and reality, (2) income **disparity**

There is a significant **disparity** in pay between men and

women in the company.

clerk

n. a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers

synonym: worker, record-keeper, letter-writer

(1) **clerk** job, (2) **clerk** position

The **clerk** at the store helped me find what I needed.

gene

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

synonym: factor, cistron

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

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

commander

n. a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force

synonym: leader, captain, officer

(1) **commander** in chief, (2) police **commander**

The military **commander** led their troops into battle with precision and strategic planning.

enthusiastically

adv. in a way that shows intense and eager enjoyment, interest, or approval

synonym: fervently, eagerly, passionately

(1) **enthusiastically** applauded, (2) discuss

enthusiastically

The study participants **enthusiastically** participated in the discussion, showing genuine interest.

rally

v. a public meeting of a group of people intended to arouse enthusiasm

synonym:

gathering, meetup, demonstration

(1) **rally** in front of the embassy, (2) the preliminary **rally**
There was a massive police presence at the anti-government **rally**.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

linear

adj. of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

synonym: straight, direct, right

(1) **linear** trend, (2) a **linear** equation

People tend to make **linear** predictions.

bold

adj. brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks

synonym: brave, courageous, fearless

(1) a **bold** design, (2) big, **bold** piano sounds

The effort to alleviate climate change needs **bold** action.

spaceship

n. (especially in science fiction) a spacecraft designed to carry a crew into interstellar space

synonym: starship, rocket, spacecraft

(1) a **spaceship** to survey the moon, (2) alien **spaceship**

They launched a crewless **spaceship** into space.

Session 2: Spelling

- | | |
|--|--|
| 1. human activities int_____ect with the environment | v. to connect similar things |
| 2. di_____l electronic signature | <i>adj.</i> processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet |
| 3. ex____d agricultural output | v. to increase or to make something greater in size, number, or importance |
| 4. bl__d milk and cream | v. to mix or combine two or more substances |
| 5. car_____ng process | <i>n.</i> the act of providing care and support for someone who is ill, disabled, or elderly |
| 6. survival k_t | <i>n.</i> a set of tools, supplies, or equipment for a particular purpose |
| 7. ec_____y of scale | <i>n.</i> the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel |
| 8. gas_____ogy research | <i>n.</i> the branch of medicine that deals with the structure, function, diagnosis, and treatment of the digestive system and its diseases |

ANSWERS: 1. interconnect, 2. digital, 3. expand, 4. blend, 5. caregiving, 6. kit, 7. economy, 8. gastroenterology

- | | |
|----------------------------|--|
| 9. hemoglobin met_____sm | <i>n.</i> the set of chemical reactions in cells or organisms that are necessary for life-sustaining |
| 10. st_____or event | <i>n.</i> something that causes stress or emotional tension |
| 11. co_____te to the size | <i>v.</i> to have a connection or relationship in which one thing affects or depends on another |
| 12. ind_____al alcohol | <i>adj.</i> of or relating to or resulting from industry |
| 13. the st____m of time | <i>n.</i> a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc. |
| 14. th_____y for a patient | <i>n.</i> the act of caring for someone through medication, remedial training, etc. |
| 15. au_____t the reality | <i>v.</i> to increase the size, extent, quantity, etc. of something by adding something to it |
| 16. in si_____er terms | <i>adj.</i> giving the impression that something bad or evil is happening or will happen |
| 17. hyp_____ted technology | <i>adj.</i> having multiple, complex links or relationships between different people, objects, or systems |
| 18. ex__e confidence | <i>v.</i> to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way |
| 19. distance g_p | <i>n.</i> a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc. |

ANSWERS: 9. metabolism, 10. stressor, 11. correlate, 12. industrial, 13. stream, 14. therapy, 15. augment, 16. sinister, 17. hyperconnected, 18. exude, 19. gap

20. in_____on performance *adv.* taking place with someone physically present together in the same place rather than on the phone, e-mail, or video link:
21. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
22. pr_____y abuse *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
23. the ou_____ak of hostilities *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
24. ex_____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
25. in asy_____ous mode *adj.* not happening at the same time or speed
26. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
27. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
28. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 20. in-person, 21. AI, 22. privacy, 23. outbreak, 24. explore, 25. asynchronous, 26. critic, 27. critic, 28. contribute

29. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
30. r__l system *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
31. an oxygen m__k *v.* to conceal something; (noun) a covering that you wear over your face to hide it
32. mo_____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
33. the cabin pressure fell dra_____lly *adv.* in a very impressive manner
34. a false ru__r *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
35. au_____us decision *adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
36. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
37. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
38. par_____te fully in conversation *v.* to take part in something

ANSWERS: 29. molecule, 30. rail, 31. mask, 32. monitor, 33. dramatically, 34. rumor, 35. audacious, 36. computation, 37. monitor, 38. participate

39. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
40. a sh___d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
41. fl___d assets *n.* a substance that can flow and is not solid
42. br___h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
43. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
44. a private ind_____al *n.* a single person or thing, as distinct from a group
45. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
46. high-end sma_____ch *n.* a wearable computing device in the form of a watch
47. sup_____ter technology *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
48. d_t blot method *n.* a very small circular mark, especially one that is printed
49. d_p a chip in the sauce *v.* to put something into a liquid for a short time and take it out again

ANSWERS: 39. oxygen, 40. shield, 41. fluid, 42. breath, 43. paradigm, 44. individual, 45. industrial, 46. smartwatch, 47. supercomputer, 48. dot, 49. dip

50. am_____t air pollution *adj.* relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
51. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
52. plenty of fl__ds *n.* a substance that can flow and is not solid
53. tell a com_____ng story *adj.* arousing strong and irresistible interest, attention, or admiration
54. ind_____us student *adj.* hardworking, diligent, and persistent in effort
55. acc_____ion of an object *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
56. ev_____te a situation *v.* to assess or estimate the quality, significance, quantity, or value of something
57. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
58. he confessed dra_____lly *adv.* in a very impressive manner
59. 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
60. 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

ANSWERS: 50. ambient, 51. clinical, 52. fluid, 53. compelling, 54. industrious, 55. acceleration, 56. evaluate, 57. communal, 58. dramatically, 59. intervention, 60. distance

61. wr_____nd watch *n.* a strip of material worn around the wrist for decoration, support, or identification purposes
62. vi__l for a healthy society *adj.* necessary for the success or continued existence of something
63. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
64. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
65. the professor of su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
66. bi_____er discovery *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
67. career adv_____nt *n.* the development, improvement, or progress of something
68. human di_____me *n.* a collection of digital data or information about a particular individual or group, especially in the context of personalized medicine or healthcare

ANSWERS: 61. wristband, 62. vital, 63. feat, 64. spark, 65. surgery, 66. biomarker, 67. advancement, 68. digitome

69. ex____t pipe *n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
70. spam b_t *n.* a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users
71. give si____t consent *adj.* without any or little sound
72. the country's is_____on *n.* the condition of being alone or lonely; the act or state of separation between persons or groups
73. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
74. co_____ge from different points *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
75. ra__y in front of the embassy *v.* a public meeting of a group of people intended to arouse enthusiasm
76. dis_____le camera *adj.* designed to be used once and then thrown away
77. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
78. a va__d contract *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
79. ca____r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 69. exhaust, 70. bot, 71. silent, 72. isolation, 73. diverse, 74. converge, 75. rally, 76. disposable, 77. discovery, 78. valid, 79. cancer

80. fire st__k
v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
81. a f_n of a plane
n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
82. co_____er in chief
n. a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force
83. financial cr___s
n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
84. alien sp____ip
n. (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
85. l__g capacity
n. either of the two organs in the chest that people and some animals use for breathing
86. di_____se with CT scans
v. to determine or distinguish the nature of a problem or an illness through a careful analysis
87. ep_____ic story
adj. happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration

ANSWERS: 80. stick, 81. fin, 82. commander, 83. crisis, 84. spaceship, 85. lung, 86. diagnose, 87. episodic

88. an unnamed do__r *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
89. a ca_____st in the process of hydrolysis *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
90. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
91. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
92. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
93. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
94. the average life s__n *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
95. re_____e one word with another *v.* to take the place of something
96. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 88. donor, 89. catalyst, 90. warn, 91. demonstrate, 92. volunteer, 93. accelerate, 94. span, 95. replace, 96. rely

97. neurotic sy____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
98. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
99. dry mouth with little sa____a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
100. 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
101. ex____fy the solution *v.* to serve as a typical example of something
102. di____n the big picture *v.* to see, perceive, or understand something that is not obvious
103. hi____ic accomplishment *adj.* famous or significant in history, or potentially so
104. a con____us row of warehouses *adj.* occurring or existing without a pause or interruption
105. a det____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
106. as____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else

ANSWERS: 97. symptom, 98. communal, 99. saliva, 100. develop, 101. exemplify, 102. discern, 103. historic, 104. continuous, 105. determinant, 106. associate

107. pa_____ic ambulance *n.* a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
108. military me__c *n.* a person trained to provide medical care, especially in an emergency
109. wr__t bones *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
110. tr_____rm an education system *v.* to change in outward structure or looks;
111. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
112. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
113. an an_____al agent *adj.* inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses
114. site of the ex_____on *n.* a violent release induced by a chemical or nuclear reaction
115. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
116. int_____ent fever *adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic

ANSWERS: 107. paramedic, 108. medic, 109. wrist, 110. transform, 111. innovation, 112. kit, 113. antiviral, 114. explosion, 115. launch, 116. intermittent

117. sh___k with fear *v.* to become smaller, or to make something smaller in size or amount
118. em_____cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
119. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
120. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
121. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
122. online ph_____cy *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
123. c__e business activity *n.* the most essential or fundamental part of something
124. gloomy pre_____ons *n.* the act of predicting the future by reasoning; a statement made about the future
125. col_____py screening *n.* a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases
126. human phy_____gy *n.* the branch of the biological sciences dealing with the functioning of organisms

ANSWERS: 117. shrink, 118. emergency, 119. digital, 120. evolve, 121. improvisation, 122. pharmacy, 123. core, 124. prediction, 125. colonoscopy, 126. physiology

127. abnormal ele_____ram *n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity
128. anthropology lab_____ry *n.* a workplace for doing scientific research or teaching science; a lab
129. asy_____ous communication *adj.* not happening at the same time or speed
130. person's smile is inf_____us *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
131. a heat sh____d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
132. ve_____te air *v.* to supply fresh air to a room, building, etc.; to remove stale air from it
133. en_____ed of the idea *adj.* deeply in love; having a strong affection or admiration for
134. an arrival pl_____rm *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
135. brain le____n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
136. a steam en____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

ANSWERS: 127. electrocardiogram, 128. laboratory, 129. asynchronous, 130. infectious, 131. shield, 132. ventilate, 133. enamored, 134. platform, 135. lesion, 136. engine

137. covid-19 ho____t *n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
138. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
139. si____er look *adj.* giving the impression that something bad or evil is happening or will happen
140. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
141. an eq____le price *adj.* fair and impartial; treating everyone fairly
142. sh____k the tumor *v.* to become smaller, or to make something smaller in size or amount
143. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
144. d__e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
145. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
146. officially di____ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

ANSWERS: 137. hotspot, 138. app, 139. sinister, 140. molecule, 141. equitable, 142. shrink, 143. zoom, 144. dive, 145. feat, 146. dissolve

147. re_____se expenses *v.* to pay someone back for money that they have spent
148. diabetes bi_____er *n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
149. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
150. ep_____ic event *adj.* happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
151. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
152. ina_____ble to an unauthorized user *adj.* unable to travel to or reach; not available
153. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
154. ae_____ce engineering *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
155. inc_____gly become common *adv.* more and more
156. tel_____ine consultation *n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services

ANSWERS: 147. reimburse, 148. biomarker, 149. biology, 150. episodic, 151. clinical, 152. inaccessible, 153. zoom, 154. aerospace, 155. increasingly, 156. telemedicine

157. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
158. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
159. rep_____nt cost *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
160. the c__e of an apple *n.* the most essential or fundamental part of something
161. obt_____le solutions *adj.* capable of being obtained, acquired, or reached; accessible
162. exa_____te symptoms *v.* to make a situation, problem, or feeling worse
163. in_____ve care *adj.* involving a lot of work or activity in a short time
164. ex_____fy the importance *v.* to serve as a typical example of something
165. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
166. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
167. re___t to a heavy smoker *v.* to return to a previous state or condition; to reply
168. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 157. biology, 158. evolve, 159. replacement, 160. core, 161. obtainable, 162. exacerbate, 163. intensive, 164. exemplify, 165. measurement, 166. planet, 167. revert, 168. medical

169. ta___e the issue *v.* to try to deal with a complex problem or situation
170. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
171. in_____te a conflict *v.* to initiate, start or incite something, often to cause trouble, conflict, or violence; to urge or stir someone to take a particular action or behavior
172. sy_____ms of low testosterone *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
173. con_____ce goods *n.* the state of being suitable or opportune
174. a urinary tr__t infection *n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
175. ph_____cy chain *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
176. hyp_____ted network *adj.* having multiple, complex links or relationships between different people, objects, or systems
177. pr_____ve approach *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
178. flu pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
179. st_____or management *n.* something that causes stress or emotional tension

ANSWERS: 169. tackle, 170. lab, 171. instigate, 172. symptom, 173. convenience, 174. tract, 175. pharmacy, 176. hyperconnected, 177. proactive, 178. pandemic, 179. stressor

180. an____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
181. pre_____ity index *n.* the quality of being able to be predicted or expected; the degree to which something is predictable or can be relied upon to follow a specific pattern or behavior
182. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
183. 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
184. d__e off a cliff *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
185. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
186. ex_____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
187. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
188. im_____e a process *v.* to make or become better
189. full of em_____y *n.* the ability to share another person's feelings or experiences by imagining that person's situation

ANSWERS: 180. ancient, 181. predictability, 182. smartphone, 183. intervention, 184. dive, 185. scan, 186. explore, 187. respiratory, 188. improve, 189. empathy

190. au____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
191. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
192. lack of pre_____ity *n.* the quality of being able to be predicted or expected; the degree to which something is predictable or can be relied upon to follow a specific pattern or behavior
193. ma____l powers *adj.* produced by or containing supernatural powers
194. exit from a l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
195. a st____e of the putter *n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
196. ob____n a bid *v.* to get something, especially by making a great effort
197. ec____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 190. augment, 191. nation, 192. predictability, 193. magical, 194. loop, 195. stroke, 196. obtain, 197. economy

198. re_____e education policy *v.* to change the form or structure of something
199. an inf_____us fever *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
200. a unit of acc_____ion *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
201. the advice of the ph_____an *n.* a medical doctor who practices medicine
202. the di_____ty between theory and reality *n.* a significant difference or inequality between two or more things
203. 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
204. ult_____nd scan *n.* higher frequency sound than humans can hear
205. cro_____ing in climate policy *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
206. genetic enh_____nts *n.* the act of improving or making something better
207. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

ANSWERS: 198. reshape, 199. infectious, 200. acceleration, 201. physician, 202. disparity, 203. develop, 204. ultrasound, 205. crowdsourcing, 206. enhancement, 207. chip

208. b_t detection *n.* a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users
209. ad____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
210. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
211. kl____e solution *n.* a piece of hardware, software, or system that is poorly designed or constructed and often involves a makeshift or temporary solution to a problem
212. from a cl_____an's perspective *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
213. mandatory qua_____ne *n.* a state of isolation imposed on people or animals to prevent the spread of disease
214. new and com_____ng evidence *adj.* arousing strong and irresistible interest, attention, or admiration
215. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
216. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 208. bot, 209. advance, 210. nurse, 211. kludge, 212. clinician, 213. quarantine, 214. compelling, 215. laboratory, 216. identify

217. the s__n of a bird's wings *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
218. cardiac dec_____ion *n.* a medical term used to describe a worsening or failure of a previously stable or compensated condition, often used in the context of heart failure, liver disease, or other chronic conditions
219. inf_____on in voice *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
220. muscle le___n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
221. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
222. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
223. re_____se money *v.* to pay someone back for money that they have spent
224. discuss ent_____lly *adv.* in a way that shows intense and eager enjoyment, interest, or approval
225. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 217. span, 218. decompensation, 219. inflection, 220. lesion, 221. gene, 222. discovery, 223. reimburse, 224. enthusiastically, 225. lever

226. di____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
227. ina____ble areas *adj.* unable to travel to or reach; not available
228. am____t temperature *adj.* relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
229. pr____ve about doing the task *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
230. soft c__f *n.* a band or strip of material, usually worn around the wrist or ankle, often used to secure or fasten something in place; a blow or hit delivered with an open hand, typically to the head or ear
231. be____h contempt *adv.* in or to a lower place than someone or something
232. in____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
233. persistent co__h *v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound
234. a precise mea____nt *n.* the act or process of finding something's size, quantity, or degree

ANSWERS: 226. diagnose, 227. inaccessible, 228. ambient, 229. proactive, 230. cuff, 231. beneath, 232. integrate, 233. cough, 234. measurement

235. di____ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
236. ev____te the grant proposal *v.* to assess or estimate the quality, significance, quantity, or value of something
237. ex____t a topic *n.* the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
238. regular rep____nt of tires *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
239. en____ed of bygone days *adj.* deeply in love; having a strong affection or admiration for
240. di____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
241. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
242. ubi____us across ecosystems *adj.* being or existing everywhere at once
243. ex__e charm *v.* to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way
244. me____al chemistry *adj.* of or relating to the treatment or cure of disease

ANSWERS: 235. dissolve, 236. evaluate, 237. exhaust, 238. replacement, 239. enamored, 240. disrupt, 241. novel, 242. ubiquitous, 243. exude, 244. medicinal

245. ru__r mill *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
246. in___e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue
247. is_____on booth *n.* the condition of being alone or lonely; the act or state of separation between persons or groups
248. fo_____te situation *adj.* having good luck or lucky
249. ult_____nd meter *n.* higher frequency sound than humans can hear
250. less fo_____te person *adj.* having good luck or lucky
251. ind_____al freedom *n.* a single person or thing, as distinct from a group
252. festival wr_____nd *n.* a strip of material worn around the wrist for decoration, support, or identification purposes
253. de_____p software *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
254. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
255. su_____t a plot *v.* to consider anything to be actual or probable
256. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 245. rumor, 246. infuse, 247. isolation, 248. fortunate, 249. ultrasound, 250. fortunate, 251. individual, 252. wristband, 253. desktop, 254. computation, 255. suspect, 256. disrupt

257. back f_n *n.* a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
258. re_____r approval ratings *v.* to return to a former condition, health, mind, or strength
259. co_____e augmented reality *v.* to join or merge to form a single thing or group
260. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
261. li____r trend *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
262. police co_____er *n.* a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force
263. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
264. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
265. co_____ge of a series *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

ANSWERS: 257. fin, 258. recover, 259. combine, 260. threat, 261. linear, 262. commander, 263. contribute, 264. industrious, 265. converge

266. te_____rk in business *n.* the combined action of a group of people working together towards a common goal
267. dif_____ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
268. la____h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
269. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
270. r__l against his enemies *n.* a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly
271. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
272. at____h a file to an e-mail *v.* to fasten, join, or connect one thing to another
273. clo_____ing services *n.* the practice of using a network of remote servers hosted on the internet to store, manage, and process data, rather than a local server or personal computer

ANSWERS: 266. teamwork, 267. differentiate, 268. launch, 269. radiology, 270. rail, 271. stick, 272. attach, 273. cloud-computing

274. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
275. a ta___o artist *n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design
276. ro____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
277. cro_____ing apps *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
278. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
279. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
280. ra___l prejudice *adj.* of or related to the race (= classification of humans into groups based on physical traits or social relations)
281. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things

ANSWERS: 274. lab, 275. tattoo, 276. robotic, 277. crowdsourcing, 278. implication, 279. oxygen, 280. racial, 281. interface

282. ana_____al ability *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
283. di_____ge water *v.* to release or let go of something or someone; to dismiss or terminate an employee or member of an organization; to emit or give off a substance or energy
284. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
285. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
286. c__f bracelet *n.* a band or strip of material, usually worn around the wrist or ankle, often used to secure or fasten something in place; a blow or hit delivered with an open hand, typically to the head or ear
287. ob____n a license *v.* to get something, especially by making a great effort
288. re_____e my thoughts *v.* to change the form or structure of something
289. kl____e code *n.* a piece of hardware, software, or system that is poorly designed or constructed and often involves a makeshift or temporary solution to a problem

ANSWERS: 282. analytical, 283. discharge, 284. creative, 285. intelligence, 286. cuff, 287. obtain, 288. reshape, 289. kludge

290. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
291. col_____ion platform *n.* the act or situation of working together to create or produce something
292. cosmetic enh_____nts *n.* the act of improving or making something better
293. a tr__t of virgin forest *n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
294. airborne co__s *n.* a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe
295. pe_____ve light *v.* to become aware or conscious of something through the senses
296. al__n the economic interest of each other *v.* to put or arrange two or more things in a straight line or to form a straight line
297. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
298. di_____ge a contract *v.* to release or let go of something or someone; to dismiss or terminate an employee or member of an organization; to emit or give off a substance or energy

ANSWERS: 290. trigger, 291. collaboration, 292. enhancement, 293. tract, 294. corps, 295. perceive, 296. align, 297. movement, 298. discharge

299. improved student ou____es *n.* the result or effect of an action, event, etc.
300. co____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
301. 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
302. out of qua____ne *n.* a state of isolation imposed on people or animals to prevent the spread of disease
303. im____e pressure *adj.* extremely large or great
304. poor te____rk *n.* the combined action of a group of people working together towards a common goal
305. exp____al growth *adj.* becoming more and more rapid; of or involving mathematical exponents
306. a tr____y during work *n.* an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character
307. a l__s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

ANSWERS: 299. outcome, 300. consume, 301. disease, 302. quarantine, 303. immense, 304. teamwork, 305. exponential, 306. tragedy, 307. lens

308. al__n with a historical trend *v.* to put or arrange two or more things in a straight line or to form a straight line
309. a c__p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
310. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
311. visit to the veterinary cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
312. si___t reading *adj.* without any or little sound
313. dif_____ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
314. a sandy sh__e *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
315. sup_____ter performance *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
316. for con_____ce sake *n.* the state of being suitable or opportune
317. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 308. align, 309. chip, 310. demonstrate, 311. clinic, 312. silent, 313. differentiate, 314. shore, 315. supercomputer, 316. convenience, 317. lever

318. tr__e back to medieval times *v.* to find or discover someone or something that was lost
319. tel_____ine technology *n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services
320. exa_____te the situation *v.* to make a situation, problem, or feeling worse
321. achieve the hi_____ic feat *adj.* famous or significant in history, or potentially so
322. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
323. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
324. cor_____us bankruptcy *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
325. ra___l and ethnic backgrounds *adj.* of or related to the race (= classification of humans into groups based on physical traits or social relations)
326. an_____al effect *adj.* inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses

ANSWERS: 318. trace, 319. telemedicine, 320. exacerbate, 321. historic, 322. robotic, 323. genome, 324. coronavirus, 325. racial, 326. antiviral

327. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
328. clo_____ing infrastructure *n.* the practice of using a network of remote servers hosted on the internet to store, manage, and process data, rather than a local server or personal computer
329. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
330. up_____l in their use of social media *v.* to teach someone, especially workers, new or additional skills; to learn new or additional skills
331. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
332. bl__d all the elements *v.* to mix or combine two or more substances
333. 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
334. a person who has a ta____o *n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design
335. br____h of privacy *n.* a break or opening, often in a wall or barrier, which enables passage or entry; a violation or infraction of a law, agreement, or duty, often resulting in legal action or punishment

ANSWERS: 327. sew, 328. cloud-computing, 329. temperature, 330. upskill, 331. predict, 332. blend, 333. foster, 334. tattoo, 335. breach

336. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
337. re_____ne the possibilities *v.* to imagine or conceive of something in a new or different way
338. fr____nt use *adj.* happening constantly
339. a circular mo____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
340. the g_p between ideal and reality *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
341. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
342. re___t to the original subject *v.* to return to a previous state or condition; to reply
343. d_p a pen in ink *v.* to put something into a liquid for a short time and take it out again
344. me__c unit *n.* a person trained to provide medical care, especially in an emergency
345. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
346. au_____us stunt *adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness

ANSWERS: 336. trigger, 337. reimagine, 338. frequent, 339. movement, 340. gap, 341. volunteer, 342. revert, 343. dip, 344. medic, 345. nation, 346. audacious

347. re_____ne the future *v.* to imagine or conceive of something in a new or different way
348. the on__t of spring *n.* the beginning or early stages of unpleasant something; a military attack
349. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
350. car_____ng responsibilities *n.* the act of providing care and support for someone who is ill, disabled, or elderly
351. a digital pl_____rm for enterprise *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
352. res_____ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
353. geographic ho_____t *n.* a place or area, typically a location or region, that is known for having an unusually high number of a particular phenomenon, such as disease, activity, or popularity
354. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone
355. glance at my wr__t watch *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint

ANSWERS: 347. reimagine, 348. onset, 349. interface, 350. caregiving, 351. platform, 352. respiratory, 353. hotspot, 354. mindset, 355. wrist

356. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
357. ele_____ram technician *n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity
358. 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
359. connecting the d_ts *n.* a very small circular mark, especially one that is printed
360. ad_____e the technology *v.* to go or move forward; to develop in a positive way
361. su_____t that he is sick *v.* to consider anything to be actual or probable
362. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
363. de_____on by the security software *n.* the act of discovering or identifying the presence of something
364. tr____e nurse *n.* the process of sorting or categorizing patients or other items by severity or priority to determine the order in which they should be treated or handled
365. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 356. medical, 357. electrocardiogram, 358. influenza, 359. dot, 360. advance, 361. suspect, 362. device, 363. detection, 364. triage, 365. graph

366. nuclear s__o *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
367. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
368. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
369. re_____e a phone *v.* to take the place of something
370. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
371. emergency pa_____ic *n.* a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
372. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
373. virtual col_____py *n.* a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases
374. a ne_____nd mine *adj.* newly discovered or acquired

ANSWERS: 366. silo, 367. expand, 368. device, 369. replace, 370. spark, 371. paramedic, 372. ancient, 373. colonoscopy, 374. newfound

375. adv_____nt of knowledge *n.* the development, improvement, or progress of something
376. a dental cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
377. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
378. tr_____rm heat into power *v.* to change in outward structure or looks;
379. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
380. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
381. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
382. phy_____gy research *n.* the branch of the biological sciences dealing with the functioning of organisms
383. sh__e up demand *n.* the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid
384. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

ANSWERS: 375. advancement, 376. clinic, 377. diverse, 378. transform, 379. threat, 380. sequence, 381. paradigm, 382. physiology, 383. shore, 384. novel

385. in___e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue
386. pose for a se___e *n.* a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
387. hold your br___h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
388. col_____ion between companies *n.* the act or situation of working together to create or produce something
389. infectious disease ou___aks *n.* a sudden start of something, usually a disease or something dangerous or unpleasant
390. ana_____al approach *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
391. chronic bro_____is *n.* an inflammation of the bronchial tubes, often resulting in cough, chest discomfort, and difficulty breathing, can be caused by viral or bacterial infections, environmental irritants, or other factors
392. di___me analysis *n.* a collection of digital data or information about a particular individual or group, especially in the context of personalized medicine or healthcare
393. face inc_____gly complicated challenges *adv.* more and more

ANSWERS: 385. infuse, 386. selfie, 387. breath, 388. collaboration, 389. outbreak, 390. analytical, 391. bronchitis, 392. digitome, 393. increasingly

394. a sp_____ip to survey the moon *n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
395. imm_____ly recall a product *adv.* now or without delay
396. soc_____mic status *adj.* relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class
397. in_____te a discussion *v.* to initiate, start or incite something, often to cause trouble, conflict, or violence; to urge or stir someone to take a particular action or behavior
398. tr____e system *n.* the process of sorting or categorizing patients or other items by severity or priority to determine the order in which they should be treated or handled
399. ma_____l place *adj.* produced by or containing supernatural powers
400. en_____e value *v.* to increase or improve the quality, amount, or strength of someone or something
401. an_____e shop *adj.* very old and often valuable; from a bygone era
402. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries

ANSWERS: 394. spaceship, 395. immediately, 396. socioeconomic, 397. instigate, 398. triage, 399. magical, 400. enhance, 401. antique, 402. radiology

403. trespass on a person's pr____y *n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
404. a vi____l image *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
405. flexible mi____t *n.* the established set of attitudes or fixed ideas held by someone
406. in____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
407. jazz imp______ion *n.* the act of making something up on the spot or creating or performing something without preparation
408. dis____ary action *adj.* of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
409. tr__e a telephone call *v.* to find or discover someone or something that was lost
410. im____e the test score *v.* to make or become better
411. par____te in the program *v.* to take part in something
412. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
413. the preliminary ra__y *v.* a public meeting of a group of people intended to arouse enthusiasm

ANSWERS: 403. privacy, 404. virtual, 405. mindset, 406. inspire, 407. improvisation, 408. disciplinary, 409. trace, 410. improve, 411. participate, 412. app, 413. rally

414. dig_____als market *n.* digital health technologies or apps that are designed to improve health outcomes or prevent illness in a way that is similar to pharmaceutical drugs or other medical treatments
415. inf_____on pattern *n.* a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
416. get an in_____on appointment *adv.* taking place with someone physically present together in the same place rather than on the phone, e-mail, or video link:
417. ur__e composition *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
418. viral bro_____is *n.* an inflammation of the bronchial tubes, often resulting in cough, chest discomfort, and difficulty breathing, can be caused by viral or bacterial infections, environmental irritants, or other factors
419. cr____s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
420. con_____us improvement *adj.* occurring or existing without a pause or interruption
421. gas_____ogy clinic *n.* the branch of medicine that deals with the structure, function, diagnosis, and treatment of the digestive system and its diseases

ANSWERS: 414. digiceuticals, 415. inflection, 416. in-person, 417. urine, 418. bronchitis, 419. crisis, 420. continuous, 421. gastroenterology

422. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
423. at the first on__t *n.* the beginning or early stages of unpleasant something; a military attack
424. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
425. dog's sa___a *n.* the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
426. de_____cy advocate *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
427. de_____p wallpaper *n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
428. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
429. play a vi__l role *adj.* necessary for the success or continued existence of something

ANSWERS: 422. accelerate, 423. onset, 424. gene, 425. saliva, 426. democracy, 427. desktop, 428. AI, 429. vital

430. speak with pr_____on *n.* the quality or condition of being exact and accurate
431. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
432. re__t against his way of thinking *v.* to take action in response to something
433. men's un_____ar *n.* clothes worn next to the skin under outer clothes
434. qu_____fy the results *v.* to express or measure something in numerical terms
435. total dis_____le income *adj.* designed to be used once and then thrown away
436. up_____l staff *v.* to teach someone, especially workers, new or additional skills; to learn new or additional skills
437. a lot of ex_____ons *n.* a violent release induced by a chemical or nuclear reaction
438. forest fir_____er *n.* a person whose job is to extinguish fires
439. em_____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
440. in an eq_____le manner *adj.* fair and impartial; treating everyone fairly
441. experienced cl_____an *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
442. fr_____nt absence *adj.* happening constantly

ANSWERS: 430. precision, 431. warn, 432. react, 433. underwear, 434. quantify, 435. disposable, 436. upskill, 437. explosion, 438. firefighter, 439. empathy, 440. equitable, 441. clinician, 442. frequent

443. traditional me_____al *adj.* of or relating to the treatment or cure of disease
444. co__s artillery *n.* a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe
445. ent_____lly applauded *adv.* in a way that shows intense and eager enjoyment, interest, or approval
446. a pr_____on instrument *n.* the quality or condition of being exact and accurate
447. cl__k position *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
448. ca_____st for reform *n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
449. dig_____als apps *n.* digital health technologies or apps that are designed to improve health outcomes or prevent illness in a way that is similar to pharmaceutical drugs or other medical treatments
450. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
451. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 443. medicinal, 444. corps, 445. enthusiastically, 446. precision, 447. clerk, 448. catalyst, 449. digiceuticals, 450. infection, 451. vision

452. importance of early de_____on *n.* the act of discovering or identifying the presence of something
453. make my pre_____ons *n.* the act of predicting the future by reasoning; a statement made about the future
454. a ticket va__d for two days *adj.* having a reasonable basis in logic or fact; still legally or officially acceptable
455. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
456. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
457. 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
458. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
459. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
460. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
461. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information

ANSWERS: 452. detection, 453. prediction, 454. valid, 455. implication, 456. determinant, 457. sensor, 458. predict, 459. identify, 460. rely, 461. scan

462. field of gene th____y *n.* the act of caring for someone through medication, remedial training, etc.
463. big, b__d piano sounds *adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
464. ae_____ce and defense industry *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
465. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
466. help ta___e climate change *v.* to try to deal with a complex problem or situation
467. 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
468. ubi_____us computing *adj.* being or existing everywhere at once
469. col_____te on a press release *v.* to work with someone else to produce or achieve something
470. consult with a ph_____an *n.* a medical doctor who practices medicine
471. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
472. col_____te with the police *v.* to work with someone else to produce or achieve something

ANSWERS: 462. therapy, 463. bold, 464. aerospace, 465. intelligence, 466. tackle, 467. distance, 468. ubiquitous, 469. collaborate, 470. physician, 471. combine, 472. collaborate

473. positive feedback l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
474. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
475. s__o organization *n.* a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
476. the ground be____h my feet *adv.* in or to a lower place than someone or something
477. op_____ze a process *v.* to make the best or most effective use of something
478. ve_____te my opinion *v.* to supply fresh air to a room, building, etc.; to remove stale air from it
479. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
480. a desirable ou____e *n.* the result or effect of an action, event, etc.
481. int_____ent Wi-Fi *adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
482. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 473. loop, 474. planet, 475. silo, 476. beneath, 477. optimize, 478. ventilate, 479. engine, 480. outcome, 481. intermittent, 482. vision

483. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
484. frameless sma_____ss *n.* a type of glass or transparent material that incorporates digital or electronic features, such as displays, sensors, or cameras, often used in the context of smart homes, wearable devices, or other IoT applications
485. se___e stick *n.* a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
486. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
487. income di_____ty *n.* a significant difference or inequality between two or more things
488. an in_____ve to work hard *n.* something, such as a punishment, reward, etc., that encourages a person to do something
489. qu_____fy blood flow *v.* to express or measure something in numerical terms
490. write him an answer imm_____ly *adv.* now or without delay
491. take dis_____ary measures *adj.* of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
492. in_____ve agriculture *adj.* involving a lot of work or activity in a short time

ANSWERS: 483. detect, 484. smartglass, 485. selfie, 486. creative, 487. disparity, 488. incentive, 489. quantify, 490. immediately, 491. disciplinary, 492. intensive

493. trading of vi_____l currencies *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
494. unpre_____ted boom *adj.* never having been seen, done, or known before
495. imitation an_____e *adj.* very old and often valuable; from a bygone era
496. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
497. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
498. a transfusion of do__r blood *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
499. do___n of use *n.* a specific sphere of influence or control; a specific field of knowledge or expertise
500. a dependent do___n *n.* a specific sphere of influence or control; a specific field of knowledge or expertise
501. ne_____nd freedom *adj.* newly discovered or acquired
502. co__h several times *v.* to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound

ANSWERS: 493. virtual, 494. unprecedented, 495. antique, 496. sequence, 497. innovation, 498. donor, 499. domain, 500. domain, 501. newfound, 502. cough

503. 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
504. un_____ar clothing *n.* clothes worn next to the skin under outer clothes
505. suffer st___e *n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
506. principles of de_____cy *n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
507. 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
508. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
509. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
510. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
511. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 503. disease, 504. underwear, 505. stroke, 506. democracy, 507. influenza, 508. temperature, 509. graph, 510. correlate, 511. enhance

512. cor_____us antibody test kit *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
513. 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
514. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
515. decided to be a fir_____er *n.* a person whose job is to extinguish fires
516. op_____ze control for cooling *v.* to make the best or most effective use of something
517. ca___r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
518. pe_____ve a threat *v.* to become aware or conscious of something through the senses
519. a convex l__s *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

ANSWERS: 512. coronavirus, 513. foster, 514. smartphone, 515. firefighter, 516. optimize, 517. cancer, 518. perceive, 519. lens

520. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
521. exp_____al function *adj.* becoming more and more rapid; of or involving mathematical exponents
522. re_____r a loss *v.* to return to a former condition, health, mind, or strength
523. blood in the ur__e *n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
524. global pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
525. di_____n friend from foe *v.* to see, perceive, or understand something that is not obvious
526. unpre_____ted business opportunity *adj.* never having been seen, done, or known before
527. soc_____mic issues *adj.* relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class
528. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
529. ac_____ny a chicken dish *v.* to go somewhere or travel with someone or something
530. 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

ANSWERS: 520. infection, 521. exponential, 522. recover, 523. urine, 524. pandemic, 525. discern, 526. unprecedented, 527. socioeconomic, 528. inspire, 529. accompany, 530. sensor

531. a b__d design *adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
532. s_w with thread *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
533. hepatic dec_____ion *n.* a medical term used to describe a worsening or failure of a previously stable or compensated condition, often used in the context of heart failure, liver disease, or other chronic conditions
534. cardiac su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
535. at___h firmly *v.* to fasten, join, or connect one thing to another
536. financial in_____ves *n.* something, such as a punishment, reward, etc., that encourages a person to do something
537. met_____sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
538. m__k body odor *v.* to conceal something; (noun) a covering that you wear over your face to hide it
539. ac_____ny the book *v.* to go somewhere or travel with someone or something

ANSWERS: 531. bold, 532. sew, 533. decompensation, 534. surgery, 535. attach, 536. incentive, 537. metabolism, 538. mask, 539. accompany

540. im_____e amount *adj.* extremely large or great
541. a volunteer nu__e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
542. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
543. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
544. sma_____ss display *n.* a type of glass or transparent material that incorporates digital or electronic features, such as displays, sensors, or cameras, often used in the context of smart homes, wearable devices, or other IoT applications
545. cl__k job *n.* a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers
546. re__t at a high temperature *v.* to take action in response to something
547. obt_____le resources *adj.* capable of being obtained, acquired, or reached; accessible
548. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
549. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 540. immense, 541. nurse, 542. associate, 543. genome, 544. smartglass, 545. clerk, 546. react, 547. obtainable, 548. consume, 549. lung

550. a li___r equation *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
551. acute em_____cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
552. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
553. de___t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
554. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
555. directly int_____ect with those systems *v.* to connect similar things
556. multifunctional sma_____ch *n.* a wearable computing device in the form of a watch
557. an endless st___m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
558. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

ANSWERS: 550. linear, 551. emergency, 552. institute, 553. detect, 554. integrate, 555. interconnect, 556. smartwatch, 557. stream, 558. institute

559. security br___h

n. a break or opening, often in a wall or barrier, which enables passage or entry; a violation or infraction of a law, agreement, or duty, often resulting in legal action or punishment

560. the aftermath of this tr_____y

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

ANSWERS: 559. breach, 560. tragedy

Session 3: Fill in the Blanks

1. Various companies, including software companies, are entering the _____ market.
n. a wearable computing device in the form of a watch
2. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
3. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
adj. involving a lot of work or activity in a short time
4. Our system can now _____ with other databases.
v. to connect similar things
5. These results muddied the _____.
n. the act of predicting the future by reasoning; a statement made about the future
6. It's notoriously challenging to _____ birth rates.
v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
7. The company's data _____ compromised thousands of customers' personal information.
n. a break or opening, often in a wall or barrier, which enables passage or entry; a violation or infraction of a law, agreement, or duty, often resulting in legal action or punishment

ANSWERS: 1. smartwatch, 2. digital, 3. intensive, 4. interconnect, 5. prediction, 6. predict, 7. breach

8. 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
9. The patient's memory loss is _____ with periods of normal memory followed by episodes of amnesia.
- adj.* happening or appearing at irregular intervals; not continuous or steady; of or relating to writing or narration
10. She has a collection of _____ vases that she inherited from her grandparents.
- adj.* very old and often valuable; from a bygone era
11. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
12. The _____ test showed that the patient was responding well to the treatment.
- n.* a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention
13. 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
14. My mother taught me how to _____.
- v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle

ANSWERS: 8. monitor, 9. episodic, 10. antique, 11. discovery, 12. biomarker, 13. warn, 14. sew

15. A broken gas pipe triggered the _____.
- n.* a violent release induced by a chemical or nuclear reaction
16. The incident _____ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
17. They collected a _____ specimen for urinalysis.
- n.* a liquid by-product of metabolism in humans and in many other animals that are released from the body when you urinate
18. Due to the pandemic, many doctors have started offering _____ appointments.
- n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services
19. They offered the _____ of an installment plan.
- n.* the state of being suitable or opportune
20. The deadline for the project was a major _____ for the team.
- n.* something that causes stress or emotional tension
21. The global financial crisis acted as a _____ to unite the country.
- n.* a person or thing that causes an important event to happen or changes the current situation rapidly; (chemistry) a substance that initiates or accelerates a chemical reaction without being changed itself
22. The essence of economics is to _____ the allocation of limited resources.
- v.* to make the best or most effective use of something

ANSWERS: 15. explosion, 16. triggered, 17. urine, 18. telemedicine, 19. convenience, 20. stressor, 21. catalyst, 22. optimize

23. The new strategy will _____ the profitability of our company.
v. to increase or improve the quality, amount, or strength of someone or something
24. People tend to make _____ predictions.
adj. of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
25. The _____ broke into the house bravely to rescue the children.
n. a person whose job is to extinguish fires
26. I will introduce you to how to _____ the leading causes of the malfunction.
v. to recognize someone or something and say or prove who or what they are
27. Let's _____ the origins of some familiar foreign words.
v. to find or discover someone or something that was lost
28. The factory's _____ fumes polluted the air and affected the health of the nearby residents.
n. the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
29. The linguist studied the _____ of the language's inflection in speech.
n. a change in the pitch or tone of one's voice; a change in the form of a word to indicate tense, mood, gender, or other grammatical categories
30. Babies heavily _____ on others for food.
v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 23. enhance, 24. linear, 25. firefighter, 26. identify, 27. trace, 28. exhaust, 29. inflection, 30. rely

31. My father's death _____ my life completely.
v. to change in outward structure or looks;
32. This shirt will _____ in the wash.
v. to become smaller, or to make something smaller in size or amount
33. She took a _____ in front of the famous tower and shared it on the app.
n. a photograph that one has taken of oneself, typically one taken with a smartphone or webcam to share on social media
34. The online course was designed for _____ learning, allowing students to complete assignments at their own pace.
adj. not happening at the same time or speed
35. Mercury is the closest _____ to the sun.
n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
36. 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
37. They have been living near water since _____ times.
adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
38. The speaker mounted the _____ and started to speak.
n. the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

ANSWERS: 31. transformed, 32. shrink, 33. selfie, 34. asynchronous, 35. planet, 36. nation, 37. ancient, 38. platform

39. The _____ lighting in the restaurant created a cozy and romantic atmosphere.
adj. relating to the immediate surroundings of something; creating a particular atmosphere or mood, often through sound or lighting
40. _____ amounts of heckling and slogan-shouting took place throughout the event.
adj. never having been seen, done, or known before
41. I need to go to the hospital _____ to pick up my prescription.
n. a place where medicines are prepared and dispensed; a drugstore or chemist's
42. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use
43. The military _____ led their troops into battle with precision and strategic planning.
n. a person who holds authority or control over a group or organization, particularly in a military, naval, or aerospace context; an official in charge of a particular aspect of operations, such as a commander of a ship or a commander of the air force
44. I have a terrible case of _____ and need to see a doctor.
n. an inflammation of the bronchial tubes, often resulting in cough, chest discomfort, and difficulty breathing, can be caused by viral or bacterial infections, environmental irritants, or other factors
45. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 39. ambient, 40. Unprecedented, 41. pharmacy, 42. Communal, 43. commander, 44. bronchitis, 45. inspired

46. 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
47. The two rivers _____ into one near this area.
- v. to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
48. The sperm whale can _____ to 1,000 meters.
- v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
49. The dentist asked him to spit out the excess _____ into the sink.
- n. the clear liquid that is secreted into the mouth by glands in the walls of the mouth and throat, helping to lubricate food during chewing and digestion
50. You _____ a bill in the change machine, and the coins pop out.
- v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
51. 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
52. He _____ back in time to the soccer game.
- v. to move along very quickly; (noun) the act of rising upward into the air

ANSWERS: 46. develop, 47. converge, 48. dive, 49. saliva, 50. stick, 51. sensor, 52. zoomed

53. The _____ team worked together efficiently to stabilize the patient's vital signs.
- n.* a healthcare professional who is trained to provide emergency medical care to patients in the pre-hospital setting, often in ambulances or other emergency vehicles
54. Sugar is _____ in food.
- adj.* being or existing everywhere at once
55. The company is trying to _____ its business model to stay competitive.
- v.* to imagine or conceive of something in a new or different way
56. Both parties are now entirely ideologically _____.
- v.* to put or arrange two or more things in a straight line or to form a straight line
57. She received special _____ training at the hospital.
- adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
58. 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
59. Some _____ believe that psychological characteristics alone may cause mental disorders.
- n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
60. Life expectancy has grown _____ this century.
- adv.* in a very impressive manner

ANSWERS: 53. paramedic, 54. ubiquitous, 55. reimagine, 56. aligned, 57. clinical, 58. outbreak, 59. clinicians, 60. dramatically

61. Any activity on the Internet will be stored as a digital _____ for life.
- n.* a form of body modification made by inserting ink, dyes, or pigments, either permanent or temporary, into the skin to form a design
62. The patient displays a _____ of a side effect.
- n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
63. The doctor specializes in _____ and treats patients with digestive disorders.
- n.* the branch of medicine that deals with the structure, function, diagnosis, and treatment of the digestive system and its diseases
64. The passenger grabbed for the _____ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
65. NASA is an _____ organization that explores space and improves aviation technology.
- adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
66. We do move forward with those tasks in _____ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
67. She visited the local _____ to seek treatment for her persistent headache.
- n.* a medical doctor who practices medicine
68. The _____ conditions of a country can significantly affect its political stability.
- adj.* relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class

ANSWERS: 61. tattoo, 62. symptom, 63. gastroenterology, 64. oxygen, 65. aerospace, 66. sequence, 67. physician, 68. socioeconomic

69. The adoption of _____ has revolutionized the IT industry, making it more accessible and affordable.

n. the practice of using a network of remote servers hosted on the internet to store, manage, and process data, rather than a local server or personal computer

70. 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

71. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

72. The policies he announces can be the _____ of economic growth in the country.

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

73. The partnership program requires a mutual _____ between both agencies.

n. the act or situation of working together to create or produce something

74. The insurance company will _____ the cost of the damage caused by the storm.

v. to pay someone back for money that they have spent

75. The _____ team worked quickly to save the patient's life.

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

ANSWERS: 69. cloud-computing, 70. intervention, 71. robotic, 72. engine, 73. collaboration, 74. reimburse, 75. medical

76. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
77. The _____ error of this industrial machine is less than one micrometer.
- n.* the act or process of finding something's size, quantity, or degree
78. They fear a _____ of a new type of virus.
- n.* an outbreak of a disease that affects many people over a very wide area
79. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
- v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
80. The majority of consumers _____ this brand with quality.
- v.* to mentally connect someone or something with someone or something else
81. Considering the situation of _____ organized stopped this year's beer festival.
- n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2
82. The translation ____ helped me translate a website from another country.
- n.* a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users

ANSWERS: 76. movement, 77. measurement, 78. pandemic, 79. sparked, 80. associate, 81. coronavirus, 82. bot

83. The company used this _____ platform to gather ideas for its next product.
- n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet
84. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
85. This year's extreme heat has resulted in many heat _____ cases.
- n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
86. His heartaches are less _____ now.
- adj.* happening constantly
87. The young entrepreneur had an _____ plan to start his own company.
- adj.* showing a willingness to take bold risks or to do something that is considered unconventional or daring; marked by originality, creativity, or boldness
88. The farmer owns a large _____ of land where he grows corn and soybeans.
- n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
89. This medicine works best when taken at the _____ of a cold.
- n.* the beginning or early stages of unpleasant something; a military attack
90. The army _____ arrived on the scene to provide medical assistance.
- n.* a person trained to provide medical care, especially in an emergency

ANSWERS: 83. crowdsourcing, 84. device, 85. stroke, 86. frequent, 87. audacious, 88. tract, 89. onset, 90. medic

91. 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
92. Economic factors and monetary policy _____ inflation.
v. to increase the size, extent, quantity, etc. of something by adding something to it
93. His poem has a very significant _____.
n. something that is inferred or indirectly stated; the act or fact of being involved in something
94. The politician tried to _____ the corruption.
v. to conceal something; (noun) a covering that you wear over your face to hide it
95. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
n. the established set of attitudes or fixed ideas held by someone
96. Harmonious _____ is essential to the success of this project.
n. the combined action of a group of people working together towards a common goal
97. An _____ scan showed that the baby was a girl.
n. higher frequency sound than humans can hear
98. 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

ANSWERS: 91. biology, 92. augmented, 93. implication, 94. mask, 95. mindset, 96. teamwork, 97. ultrasound, 98. computation

99. Lead is an effective _____ against X-rays, gamma rays, and other harmful radiation.
- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
100. He had been _____ with her since the first time he saw her.
- adj.* deeply in love; having a strong affection or admiration for
101. He bated his _____ when talking about this affair.
- n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
102. Eyeless fish _____ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
103. The patient underwent a _____ scan to diagnose their medical condition.
- n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
104. Leprosy is an indolent _____ disease.
- adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
105. The dark clouds in the sky gave off a _____ feeling.
- adj.* giving the impression that something bad or evil is happening or will happen
106. He was pretty _____ to pass the exam.
- adj.* having good luck or lucky

ANSWERS: 99. shield, 100. enamored, 101. breath, 102. evolved, 103. radiology, 104. infectious, 105. sinister, 106. fortunate

107. Due to the outbreak, the government imposed a two-week _____ for all travelers.
- n.* a state of isolation imposed on people or animals to prevent the spread of disease
108. He has terminal _____ cancer.
- n.* either of the two organs in the chest that people and some animals use for breathing
109. _____ often entails inclusive capitalism as well.
- n.* a form of government in which the people have the authority to deliberate and decide legislation, or to choose governing officials to do so
110. The information on their website could have been clearer, but I found an _____ answer eventually.
- adj.* capable of being obtained, acquired, or reached; accessible
111. The government tried to _____ the commercialization of this development.
- v.* to make something faster or earlier; to cause to develop or progress more quickly
112. The virtual world is quite different from the _____ world.
- adv.* taking place with someone physically present together in the same place rather than on the phone, e-mail, or video link:
113. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

ANSWERS: 107. quarantine, 108. lung, 109. Democracy, 110. obtainable, 111. accelerate, 112. in-person, 113. crisis

114. Since the 1990s, the Internet has continued to experience _____ growth.
adj. becoming more and more rapid; of or involving mathematical exponents
115. The doctor used a blood pressure _____ to measure my vitals.
n. a band or strip of material, usually worn around the wrist or ankle, often used to secure or fasten something in place; a blow or hit delivered with an open hand, typically to the head or ear
116. The heat wave _____ the drought conditions.
v. to make a situation, problem, or feeling worse
117. 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
118. Jet _____ are the common name for air currents that form high in the atmosphere.
n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
119. Recent surveys reveal that job seekers strongly desire the opportunity to _____ at their new company.
v. to teach someone, especially workers, new or additional skills; to learn new or additional skills
120. This bar _____ shows sales over the past five years.
n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 114. exponential, 115. cuff, 116. exacerbated, 117. feat, 118. streams, 119. upskill, 120. graph

121. His body rejected the liver of the _____.

- n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person

122. In the aftermath of the hurricane, the military set up a _____ center to assist with medical emergencies.

- n.* the process of sorting or categorizing patients or other items by severity or priority to determine the order in which they should be treated or handled

123. The president declared a state of _____.

- n.* a sudden unforeseen crisis usually involving danger that requires immediate action

124. The company implemented _____ measures to prevent future issues.

- adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.

125. The flowers _____ a sweet fragrance.

- v.* to emit or release a liquid, smell, or expression gradually and slowly; to display an emotion, quality, or characteristic in a spontaneous and natural way

126. 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

127. 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

ANSWERS: 121. donor, 122. triage, 123. emergency, 124. proactive, 125. exude, 126. individual, 127. innovation

128. _____ is the science of how living things work.
- n.* the branch of the biological sciences dealing with the functioning of organisms
129. The management must _____ strategies to increase office security.
- v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
130. In terms of _____ he was head and shoulders above his classmates.
- n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
131. Breast _____ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
132. I'm so sorry to _____ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
133. 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
134. After trying the new software, I _____ to the old version.
- v.* to return to a previous state or condition; to reply
135. Hydrogen and oxygen _____ to form water.
- v.* to join or merge to form a single thing or group

ANSWERS: 128. Physiology, 129. explore, 130. intelligence, 131. cancer, 132. disrupt, 133. fostering, 134. reverted, 135. combine

136. I prefer using _____ razors because they are more convenient.

adj. designed to be used once and then thrown away

137. The _____ of the weather patterns helped the farmers plan their crops accordingly.

n. the quality of being able to be predicted or expected; the degree to which something is predictable or can be relied upon to follow a specific pattern or behavior

138. The political party _____ after much internal fighting.

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

139. The cops _____ him of being the killer.

v. to consider anything to be actual or probable

140. The waves are beating against the _____.

n. the land along the edge of a sea, lake, broad river, or other large body of water; (verb) to support by placing against something solid or rigid

141. The _____ at the store helped me find what I needed.

n. a person who works in an office and is responsible for keeping records, writing letters, etc.; a person who works in a store and is responsible for serving customers

142. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

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

143. The children leaned over the bridge _____ to watch the fish swimming below.

n. a long, thin piece of metal or wood that is used to make fences or as a support for something; (verb) to complain bitterly

ANSWERS: 136. disposable, 137. predictability, 138. dissolved, 139. suspected, 140. shore, 141. clerk, 142. lab, 143. rail

144. He created a beautiful piece of music using only _____.
- n.* the act of making something up on the spot or creating or performing something without preparation
145. They hope to _____ their business worldwide.
- v.* to increase or to make something greater in size, number, or importance
146. The _____ rain made it difficult to plan a picnic.
- adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
147. The software update included several _____ to the user interface.
- n.* the act of improving or making something better
148. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
149. There was a massive police presence at the anti-government _____.
- v.* a public meeting of a group of people intended to arouse enthusiasm
150. The effort to alleviate climate change needs _____ action.
- adj.* brave, daring, and confident; not frightened of danger or afraid to say what you feel or to take risks
151. They launched a crewless _____ into space.
- n.* (especially in science fiction) a spacecraft designed to carry a crew into interstellar space
152. Better sleep leads to increased _____.
- n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

ANSWERS: 144. improvisation, 145. expand, 146. intermittent, 147. enhancements, 148. laboratory, 149. rally, 150. bold, 151. spaceship, 152. metabolism

153. The school's _____ committee met to discuss the student's behavior.
adj. of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
154. All the supervisor has to do is assign tasks that make his subordinates more _____.
adj. relating to or involving the use of skill and original and unusual ideas to create something
155. Hospitals must meet various standards to prevent nosocomial _____.
n. a condition in which pathogenic microorganisms or viruses have entered the body
156. They have no _____ to win the game.
n. something, such as a punishment, reward, etc., that encourages a person to do something
157. Please ___ up a bucketful of water from the well.
v. to put something into a liquid for a short time and take it out again
158. I can't stop _____ and think I might have caught a cold.
v. to expel air from the lungs suddenly and noisily, often as a reaction to irritation, illness, or some other physical condition; (noun) a sudden, forceful expulsion of air from the lungs, often accompanied by a distinctive sound
159. The hospital will _____ the patient as soon as their condition stabilizes.
v. to release or let go of something or someone; to dismiss or terminate an employee or member of an organization; to emit or give off a substance or energy

ANSWERS: 153. disciplinary, 154. creative, 155. infections, 156. incentive, 157. dip, 158. coughing, 159. discharge

160. The _____ has largely gotten positive feedback.

- n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

161. The nightclub bouncer checked the _____ of everyone entering the premises to ensure their age.

- n.* a strip of material worn around the wrist for decoration, support, or identification purposes

162. He is _____ and can break down complex problems into manageable parts.

- adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

163. The company is set to _____ its new product line next month.

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

164. The hospital invested in state-of-the-art _____ machines to improve patient care.

- n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity

165. Competition between countries resulted in fast technological _____.

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

166. I underwent aversion _____ for my addiction to alcohol.

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

ANSWERS: 160. novel, 161. wristbands, 162. analytical, 163. launch, 164. electrocardiogram, 165. advancement, 166. therapy

167. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
168. This initiative will be a _____ for increasing company sales.
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
169. Parents need to help their children _____ right and wrong.
v. to see, perceive, or understand something that is not obvious
170. She is the _____ president of the company.
adj. being actually such in almost every respect; existing in essence or effect though not in actual fact
171. She devoted her life to _____ looking after her aging parents.
n. the act of providing care and support for someone who is ill, disabled, or elderly
172. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
173. The evolution of processors has dramatically improved the performance of _____.
n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
174. The majority of students actively _____ in the college's intramural sports program.
v. to take part in something

ANSWERS: 167. temperatures, 168. lever, 169. discern, 170. virtual, 171. caregiving, 172. correlate, 173. AI, 174. participated

175. Early detection of _____ can help prevent serious complications and improve patient outcomes.
- n.* a medical term used to describe a worsening or failure of a previously stable or compensated condition, often used in the context of heart failure, liver disease, or other chronic conditions
176. We can use this campaign as a bargaining _____ in the negotiations.
- n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
177. The _____ of severe weather prompted the city to issue an evacuation warning.
- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
178. I need to upgrade my _____ computer since it's become quite slow.
- n.* a flat working surface or table that is usually placed on top of a desk, typically used for a computer or other work-related activities
179. His _____ presentation deeply moved everyone.
- adj.* arousing strong and irresistible interest, attention, or admiration
180. She stood on the podium and _____ an audience.
- v.* to examine something hastily, with the eyes or with a machine, to get information
181. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

ANSWERS: 175. decompensation, 176. chip, 177. threat, 178. desktop, 179. compelling, 180. scanned, 181. nurse

182. He slightly modified the _____ of training because it was just before a match.
n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers
183. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
184. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
185. Government workers cannot _____ to political campaigns.
v. to give something, especially money or goods, to provide or achieve something together with other people
186. The teacher asked the students to _____ between the two similar species of birds.
v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
187. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
188. These gas nebulas are merely newborn galactic _____.
n. the most essential or fundamental part of something
189. I bought a new tool ____ for my home repair projects.
n. a set of tools, supplies, or equipment for a particular purpose

ANSWERS: 182. span, 183. vision, 184. respiratory, 185. contribute, 186. differentiate, 187. detected, 188. cores, 189. kit

190. Heavy snow made it _____ to go to the mountain village.

adj. unable to travel to or reach; not available

191. The airport is a _____ for tourists and travelers from around the world.

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

192. 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

193. The car's _____ was impressive, going from 0 to 60 mph in just 5 seconds.

n. a rate of increase in velocity; the rate of change of velocity with respect to time

194. How did he _____ to your idea?

v. to take action in response to something

195. _____ is also necessary to understand history.

n. the ability to share another person's feelings or experiences by imagining that person's situation

196. Macbeth is a famous _____ by Shakespeare.

n. an event or situation causing great loss, misfortune, or destruction; a play or literature that deals with a severe and sad event and often ends with the death of the main character

197. Eventually, the new design will _____ all older models.

v. to take the place of something

ANSWERS: 190. inaccessible, 191. hotspot, 192. distance, 193. acceleration, 194. react, 195. Empathy, 196. tragedy, 197. replace

198. The company's _____ in the market was expanding to new territories.
n. a specific sphere of influence or control; a specific field of knowledge or expertise
199. In a democratic country, governments promote _____ opportunities to participate in society.
adj. fair and impartial; treating everyone fairly
200. The _____ of the country is struggling due to the recent political instability.
n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
201. The Chinese people have accomplished several _____ feats.
adj. famous or significant in history, or potentially so
202. Your credit card is no longer _____.
adj. having a reasonable basis in logic or fact; still legally or officially acceptable
203. A great stretch of the lake lay _____ them.
adv. in or to a lower place than someone or something
204. The shape of the DNA _____ is a double helix.
n. a group of two or more atoms held together by attractive forces known as chemical bonds
205. This smartphone has a collision _____ function.
n. the act of discovering or identifying the presence of something

ANSWERS: 198. domain, 199. equitable, 200. economy, 201. historic, 202. valid, 203. beneath, 204. molecule, 205. detection

206. There was a baseless _____ that the company was going bankrupt.
n. a piece of unverified information of uncertain origin that is spread by word of mouth
207. Where can I _____ the application form?
v. to get something, especially by making a great effort
208. The wallpaper had a pattern of pink _____ on a white surface.
n. a very small circular mark, especially one that is printed
209. Perseverance and optimism are _____ to success.
adj. necessary for the success or continued existence of something
210. Detergent weakens the surface tension at the _____ of two liquids.
n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
211. They awaited news of the _____ of the election.
n. the result or effect of an action, event, etc.
212. The study participants _____ participated in the discussion, showing genuine interest.
adv. in a way that shows intense and eager enjoyment, interest, or approval
213. I want to buy new winter _____ because mine have holes in them.
n. clothes worn next to the skin under outer clothes
214. How can you _____ that the earth is a sphere?
v. to display something or give an exhibition to an interested audience

ANSWERS: 206. rumor, 207. obtain, 208. dots, 209. vital, 210. interface, 211. outcome, 212. enthusiastically, 213. underwear, 214. demonstrate

215. The old printer was connected to the computer with a _____ of cables and adapters.
- n.* a piece of hardware, software, or system that is poorly designed or constructed and often involves a makeshift or temporary solution to a problem
216. Advocates for legal reform hear less harsh words from their _____.
- n.* someone who expresses opinions about the quality of books, music, etc.
217. It's important to _____ the room to avoid the buildup of harmful gases.
- v.* to supply fresh air to a room, building, etc.; to remove stale air from it
218. 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
219. He tried to _____ the amount of product that was needed to complete the job.
- v.* to express or measure something in numerical terms
220. A suspension order from the court is effective _____.
- adv.* now or without delay
221. The teachers make full use of _____ assistance.
- n.* a person who performs or offers to perform a job or service without being paid for or forced to do
222. The human _____ contains approximately three billion chemical base pairs.
- n.* the complete set or sequence of genes of a human, animal, plant, or other living things

ANSWERS: 215. kludge, 216. critics, 217. ventilate, 218. influenza, 219. quantify, 220. immediately, 221. volunteer, 222. genome

223. The doctor examined the _____ on the patient's skin to determine if it was cancerous.
- n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
224. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.
- adj.* produced by or containing supernatural powers
225. She holds a _____ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
226. We want to _____ ties between our two countries.
- v.* to make or become better
227. There is growing interest in using _____ for mental health, such as apps to reduce anxiety or treat depression.
- n.* digital health technologies or apps that are designed to improve health outcomes or prevent illness in a way that is similar to pharmaceutical drugs or other medical treatments
228. This operation requires both patience and _____.
- n.* the quality or condition of being exact and accurate
229. This conduct would be an invasion of _____.
- n.* someone's right to keep their personal matters and relationships not watched or interrupted by other people
230. China has developed one of the world's fastest _____ for its space program.
- n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

ANSWERS: 223. lesion, 224. magical, 225. clinic, 226. improve, 227. digiceuticals,

228. precision, 229. privacy, 230. supercomputers

231. He postulated a completely different _____ to explain all these phenomena.

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

232. A minor _____ conflict later led to a civil war.

adj. of or related to the race (= classification of humans into groups based on physical traits or social relations)

233. Australia is widely _____ as having low levels of corruption.

v. to become aware or conscious of something through the senses

234. The world has become increasingly _____ with the internet and social media playing a significant role in communication and information exchange.

adj. having multiple, complex links or relationships between different people, objects, or systems

235. Scientific knowledge will _____ significantly with the power of AI.

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

236. The photographer took this photo using a telephoto _____.

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

237. She agreed to _____ with him in creating new artwork.

v. to work with someone else to produce or achieve something

238. She was diagnosed with a _____ buildup in her lungs.

n. a substance that can flow and is not solid

ANSWERS: 231. paradigm, 232. racial, 233. perceived, 234. hyperconnected, 235. advance, 236. lens, 237. collaborate, 238. fluid

239. She is still _____ from a shot to her shoulder.

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

240. He had to undergo a _____ as part of his routine medical check-up.

- n. a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases

241. The toad altered its appearance to better _____ in with its new environments.

- v. to mix or combine two or more substances

242. The protesters tried to _____ change and promote equality in their community.

- v. to initiate, start or incite something, often to cause trouble, conflict, or violence; to urge or stir someone to take a particular action or behavior

243. 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

244. He found that it is difficult to _____ socially.

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

245. _____ technology lets the user see computer-generated images overlaid in the real world.

- n. a type of glass or transparent material that incorporates digital or electronic features, such as displays, sensors, or cameras, often used in the context of smart homes, wearable devices, or other IoT applications

ANSWERS: 239. recovering, 240. colonoscopy, 241. blend, 242. instigate, 243. diagnose, 244. integrate, 245. Smartglass

246. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

247. Many people in this city use the _____ railway for transportation.

n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

248. The example of a successful startup serves to _____ the potential of the industry.

v. to serve as a typical example of something

249. The _____ arrived at the front lines just in time to reinforce the exhausted soldiers.

n. a large group of people trained and organized for a particular purpose, such as the military or a performing arts troupe

250. With his _____ wealth, he could travel the world and indulge in his passions.

adj. newly discovered or acquired

251. There is a significant _____ in pay between men and women in the company.

n. a significant difference or inequality between two or more things

252. The discovery of a critical bug caused the company to delay the _____ release.

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

253. He was known to be very _____ and would often work late into the night.

adj. hardworking, diligent, and persistent in effort

ANSWERS: 246. diverse, 247. loop, 248. exemplify, 249. corps, 250. newfound, 251. disparity, 252. app's, 253. industrious

254. We demand his _____.

- n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

255. The farmer used a _____ to store feed for the animals.

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

256. Many people are working together to close the gender _____.

- n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

257. He sprained his _____ while playing basketball.

- n.* the joint between the hand and the forearm; the narrow part of the hand near this joint

258. Internet traffic volumes have increased significantly with the advent of _____.

- n.* a mobile phone that functions as a computer and connects to the Internet

259. The heavy snow has been _____ since last morning.

- adj.* occurring or existing without a pause or interruption

260. Please let me know if you want to _____ me to my hometown.

- v.* to go somewhere or travel with someone or something

261. He had undergone heart _____ years before.

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

ANSWERS: 254. replacement, 255. silo, 256. gap, 257. wrist, 258. smartphones, 259. continuous, 260. accompany, 261. surgery

262. The government is determined to _____ sharp inflation.

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

263. _____ design has become more focused on human nature aspect than ever before.

adj. of or relating to or resulting from industry

264. He left his wife an _____ fortune.

adj. extremely large or great

265. Advances in digital technology have greatly expanded our ability to explore the _____ and extract useful insights from it.

n. a collection of digital data or information about a particular individual or group, especially in the context of personalized medicine or healthcare

266. The meeting aims to _____ possible choices.

v. to assess or estimate the quality, significance, quantity, or value of something

267. This region has many _____ offering higher education.

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

268. The advent of the Internet completely _____ the manufacturing industry.

v. to change the form or structure of something

269. He does not _____ importance to these rumors.

v. to fasten, join, or connect one thing to another

ANSWERS: 262. tackle, 263. Industrial, 264. immense, 265. digitome, 266. evaluate, 267. institutes, 268. reshaped, 269. attach

270. That incident led to his _____.

n. the condition of being alone or lonely; the act or state of separation between persons or groups

271. One _____ of success is having a positive attitude and a strong work ethic.

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

272. A smaller car will _____ less fuel.

v. to spend something, especially fuel, energy, or time, in a large amount

273. Our company found it _____ difficult to keep up with the competition.

adv. more and more

274. A defective _____ is responsible for the disease.

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

275. The _____ properties of this herb have been known to help with various ailments.

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

276. The politician remained _____ despite intense media scrutiny.

adj. without any or little sound

277. The doctor immediately prescribed _____ drugs.

adj. inhibiting or stopping the growth and reproduction of viruses; (noun) any drug that destroys viruses

ANSWERS: 270. isolation, 271. determinant, 272. consume, 273. increasingly, 274. gene, 275. medicinal, 276. silent, 277. antiviral

278. 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

279. She _____ fresh herbs into the soup for added flavor.

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

280. The shark's powerful _____ allowed it to swim at high speeds.

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

ANSWERS: 278. disease, 279. infused, 280. fins