

# Englist.me



## Vocabulary Builder Reference from...

*Akash Manoj: A life-saving device that detects silent heart attacks | TED Talk*

[https://www.ted.com/talks/akash\\_manoj\\_a\\_life\\_saving\\_device\\_that\\_detects\\_silent\\_heart\\_attacks](https://www.ted.com/talks/akash_manoj_a_life_saving_device_that_detects_silent_heart_attacks)

### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### shocking

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

*synonym* : startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

### norm

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

*synonym* : criterion, mean, standard

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

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

### energetic

*adj.* possessing or exerting or displaying energy

*synonym* : active, animated, lively

(1) **energetic** density, (2) **energetic** dog

This process caused an **energetic** chemical reaction.

## diabetes

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

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

My father was tested for **diabetes**.

## decide

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

*synonym*: choose, determine, settle

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

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

## 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**.

## estimate

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

*synonym*: calculate, gauge, evaluate

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

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

## artery

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

*synonym*: blood vessel, channel, roadway

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

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

## clog

*v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or

hinder the progress or movement of something

*synonym* : block, jam, obstruct

(1) **clog** a filter, (2) **clog** artery

The drain was **clogged** with hair and needed to be cleaned out.

## 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.

## 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.

## 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.

## fatigue

*n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

*synonym* : exhaustion, weariness, tiredness

(1) **fatigue** breaking, (2) **fatigue** caused by overwork

The metal showed signs of **fatigue** after being subjected to repeated stress.

## etcetera

*n.* used to indicate that some other unspecified items or things could be included besides those already

mentioned; and so on

*synonym* : and so on, and the like, and others

(1) tools, hardware, **etcetera**, (2) meetings, appointments, and **etcetera**

The museum contains a variety of artifacts, from ancient pottery to medieval armor, **etcetera**.

## 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.

## 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.

## 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**.

## strike

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

*synonym* : hit, impact, influence

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

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

## time-consuming

*adj.* requiring a significant amount of time or effort to complete

*synonym* : lengthy, prolonged, protracted

(1) **time-consuming** project, (2) **time-consuming** process  
Writing a research paper can be a **time-consuming** task.

## 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.

## patient

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

*synonym*: client, recipient, subject

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

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

## disorder

*n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

*synonym*: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

## suffer

*v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

*synonym*: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym*: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**  
He suffers from **nervous** breakdowns.

## damage

*v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

*synonym* : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

## at-risk

*adj.* in danger of being harmed or damaged, or of death or loss

*synonym* : vulnerable, endangered, precarious

(1) **at-risk** youth, (2) **at-risk** mental state

The school provides extra support for **at-risk** students to help them succeed.

## immediate

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

*synonym* : prompt, quick, instantaneous

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

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

## unlikely

*adj.* not probable or likely to happen

*synonym* : doubtful, questionable, far-fetched

(1) **unlikely** event, (2) it is **unlikely** that he would win the game

The passage of the bill is **unlikely**.

## probe

*n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

*synonym* : investigation, inquiry, examination

(1) a lunar **probe**, (2) **probe** for inside information  
NASA sent a **probe** to study the atmosphere of Jupiter.

**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**.

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

*synonym*: tenacious, steadfast, unrelenting

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

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

**invasive** *adj.* spreading very quickly, and often aggressively, and difficult to stop

*synonym*: aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

**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.

**inexpensive** *adj.* costing little; having a low price

*synonym*: cheap, affordable, economical

(1) **inexpensive** option, (2) an **inexpensive** inn

The restaurant offered delicious food at an **inexpensive** price.

## greatly

*adv.* to an extraordinary extent or degree; very much

*synonym* : enormously, broadly, grandly

(1) **greatly** affect the situation, (2) **greatly** support that player

They **greatly** admired our actions.

## analyze

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

*synonym* : explore, examine, investigate

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

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

## preset

*v.* to set or adjust something beforehand, often about electronic or technological devices or systems; (noun) a preconfigured setting or adjustment that is programmed into a device, system, or software

*synonym* : preconfigure, program, prearrange

(1) **preset** not to make a connection, (2) **preset** settings  
I always **preset** my coffee maker the night before to have a fresh cup when I wake up.

## interval

*n.* a period between two events or times; a short break or pause

*synonym* : break, gap, intermission

(1) after an **interval** of pause, (2) at regular **intervals**

For the analysis **interval**, the system remains at a standstill state.

## intelligent

*adj.* having the capacity for thought and reason, especially to a high degree

*synonym* : brilliant, clever, competent



(1) an **intelligent** person, (2) **intelligent** assisting system  
**Intelligent** robots that can cooperate with humans have limited motor output for safety.

## communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

*synonym*: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,  
(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

## indicate

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

*synonym*: hint, suggest, show

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

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

## 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.

## 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.

## cardiac

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

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

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

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## bloodstream

*n.* the blood flowing through the body

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

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

## risky

*adj.* involving the possibility of danger, failure, or loss

*synonym*: dangerous, perilous, scary

(1) change **risky** behavior, (2) a **risky** enterprise

It is extremely **risky** to sail in such a storm.

## concentration

*n.* the ability to focus all your time and energy on one thing without thinking about anything else.

*synonym*: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

## abysmal

*adj.* extremely bad or unsuccessful, to the degree of being bottomless or unfathomable

*synonym*: dreadful, terrible, appalling

(1) **abysmal** performance, (2) **abysmal** living conditions

The company's **abysmal** sales performance led to layoffs and budget cuts.

## 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.

## survive

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

*synonym* : endure, persist, stay

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

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

## prompt

v. to make someone decide to or try to do something, or to make something happen

*synonym* : actuate, inspire, incite

(1) **prompt** a feeling of hunger, (2) **prompt** a debate

That incident **prompted** a nationwide chain reaction regarding the crackdown on illegal groups.

## basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

*synonym* : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

## silicon

n. a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

(1) **silicon** wafer, (2) crystalline **silicon**

**Silicon** is the second most abundant element on earth after oxygen.

## patch

n. a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose

*synonym* : mend, repair, fix

(1) **patch** of grass, (2) software **patch**

I need to sew a **patch** onto my jeans that ripped.

**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.

**prick**

*v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

*synonym* : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

**spot**

*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

*synonym* : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

**isolate**

*v.* to physically or socially separate someone or something from other people or things

*synonym* : separate, sequester, insulate

(1) **isolate** a compound, (2) **isolate** a patient

You should not **isolate** them from the community.

**specific**

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

*synonym* : particular, definite, distinct

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

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

**alert**

*v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

*synonym* : warn, inform, (adjective) vigilant

(1) **alert** consumers to the dangers, (2) **alert** system

The company's cybersecurity team **alerted** the CEO to potential threats.

## process

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

*synonym* : procedure, method, system

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

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

## conventional

*adj.* based on or following traditional rules, standards, customs, etc.

*synonym* : ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan

She is very **conventional** in her thoughts.

## 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.

## elevation

*n.* the height of something above sea level or above the ground; the event of something being raised upward

*synonym* : height, altitude, rise

(1) at an **elevation** of 1000 feet, (2) **elevation** in rank

The **elevation** of the mountain made it difficult to breathe.

## 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.

## impending

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

*synonym* : imminent, upcoming, approaching

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

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

## arrest

*v.* to take into custody

*synonym* : capture, detain, imprison

(1) **arrest** the thief, (2) **arrest** the progress

A police officer has the authority to **arrest** a criminal.

## injury

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

*synonym* : wound, damage, hurt

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

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

## immense

*adj.* extremely large or great

*synonym* : enormous, giant, huge

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

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

## alarm

*n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger

*synonym* : notice, warning, panic

(1) give the **alarm**, (2) an **alarm** clock

The **alarm** announcing an enemy attack went off this morning.

## crucial

*adj.* extremely vital or necessary

*synonym* : essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the

country's growth.

## consequently

*adv.* as a result or outcome of something

*synonym* : hence, accordingly, thus

(1) **consequently** unable to start her studies,

(2) **consequently** affect the organs

**Consequently**, the company had to lay off some of its employees.

## observation

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

*synonym* : watching, notice, reflection

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

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

## 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.

## validate

*v.* to check or prove that something is true; to make something officially or legally acceptable or approved

*synonym* : approve, certify, verify

(1) **validate** a hypothesis, (2) **validate** a passport

To **validate** your purchase, please visit the following link.

## certify

*v.* to formally state, especially in writing, that something is true

*synonym* : accredit, approve, authorize

(1) **certify** product quality, (2) **certify** the authenticity of the painting

As a witness, I can **certify** his innocence.

## accuracy

*n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake

*synonym* : precision, exactness, truthfulness

(1) degree of **accuracy**, (2) the **accuracy** of his compass  
To assure **accuracy**, I recommend investing in high-quality test kits.

## sensitivity

*n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others

*synonym* : alertness, attentiveness, sympathy

(1) **sensitivity** analysis, (2) become full of **sensitivity**  
The instrument has a high **sensitivity** to temperature changes.

## intent

*n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

*synonym* : purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

## variant

*n.* something that is slightly different from others of the same type

*synonym* : variation, modification, variance

(1) **variant** types of pigeon, (2) a **variant** of the same word  
The first **variant** of the virus appeared in less than a month.

## 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.

## rural

*adj.* of or relating to the countryside

*synonym* : agrarian, country, rustic



(1) **rural** accents, (2) people in **rural** areas  
Many **rural** areas are still impoverished.

## vibrate

*v.* to move or cause anything to move fast and in small increments from side to side

*synonym* : oscillate, convulse, jerk

(1) **vibrate** at a regular frequency, (2) **vibrate** with anger  
During the flight, the wings of the plane **vibrate**.

## progression

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

*synonym* : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease  
The company has made great strides in its **progression** toward sustainability.

## vast

*adj.* enormous in size, number, amount, or quantity

*synonym* : expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

## irreversible

*adj.* impossible to change or return to a previous condition

*synonym* : irrevocable, unrecoverable, permanent

(1) avoid **irreversible** damage, (2) an **irreversible** change

The development of agricultural technology has had an **irreversible** impact on humanity.

## firm

*adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

*synonym* : stable, secure, steadfast

(1) **firm** grip, (2) accounting **firm**

The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

## rethink

*v.* to consider again a plan, idea, etc., especially to change it

*synonym*: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

## 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.

## 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.

## healthcare

*n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

(1) **healthcare** agency, (2) rising **healthcare** cost

In an aging population, citizens must pay more to maintain quality **healthcare**.

## Session 2: Spelling

1. pro\_\_\_\_\_on of disease *n.* the act or process of changing to the next stage or phase or moving forward
2. art cr\_\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
3. fa\_\_\_\_\_e caused by overwork *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress
4. im\_\_\_\_\_e pressure *adj.* extremely large or great
5. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
6. rising hea\_\_\_\_\_re cost *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
7. the im\_\_\_\_\_te past *adj.* happening or done without delay or occurring shortly after something else
8. wr\_\_t bones *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
9. crystalline si\_\_\_\_\_n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

ANSWERS: 1. progression, 2. critic, 3. fatigue, 4. immense, 5. medicinal, 6. healthcare, 7. immediate, 8. wrist, 9. silicon

10. people in ru\_\_l areas *adj.* of or relating to the countryside
11. w\_\_n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
12. per\_\_\_\_\_nt data *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
13. the ac\_\_\_\_\_cy of his compass *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
14. glance at my wr\_\_t watch *n.* the joint between the hand and the forearm; the narrow part of the hand near this joint
15. di\_\_\_\_\_l electronic signature *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
16. become full of sen\_\_\_\_\_ty *n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others
17. hea\_\_\_\_\_re agency *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
18. pa\_\_\_\_\_t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

ANSWERS: 10. rural, 11. warn, 12. persistent, 13. accuracy, 14. wrist, 15. digital, 16. sensitivity, 17. healthcare, 18. patient

19. a con\_\_\_\_\_nal style *adj.* based on or following traditional rules, standards, customs, etc.
20. com\_\_\_\_\_te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
21. development of the ne\_\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves
22. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
23. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
24. juvenile di\_\_\_\_\_es *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
25. va\_\_\_\_\_te a passport *v.* to check or prove that something is true; to make something officially or legally acceptable or approved
26. di\_\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
27. is\_\_\_\_\_e a compound *v.* to physically or socially separate someone or something from other people or things
28. 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

ANSWERS: 19. conventional, 20. communicate, 21. nervous, 22. norm, 23. lab, 24. diabetes, 25. validate, 26. diagnose, 27. isolate, 28. biomarker

29. im\_\_\_\_e amount *adj.* extremely large or great
30. re\_\_\_\_k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
31. al\_\_t system *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
32. vi\_\_\_\_e at a regular frequency *v.* to move or cause anything to move fast and in small increments from side to side
33. give the al\_\_m *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
34. electronic de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
35. decision-making pr\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
36. ce\_\_\_\_y product quality *v.* to formally state, especially in writing, that something is true
37. 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

ANSWERS: 29. immense, 30. rethink, 31. alert, 32. vibrate, 33. alarm, 34. device, 35. process, 36. certify, 37. biomarker

38. the in\_\_\_t of a question *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
39. vi\_\_\_\_\_e with anger *v.* to move or cause anything to move fast and in small increments from side to side
40. tim\_\_\_\_\_ing process *adj.* requiring a significant amount of time or effort to complete
41. a lunar pr\_\_\_e *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
42. 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
43. per\_\_\_\_\_nt cough *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
44. va\_\_\_\_\_t types of pigeon *n.* something that is slightly different from others of the same type
45. in\_\_\_\_\_ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
46. participate in cl\_\_\_\_\_al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 38. intent, 39. vibrate, 40. time-consuming, 41. probe, 42. breath, 43. persistent, 44. variant, 45. invasive, 46. clinical

47. de\_\_\_t smuggling across borders      *v.* to find or recognize something, especially something difficult to see, hear, etc.
48. 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
49. pr\_\_\_\_\_ve approach      *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
50. pro\_\_\_\_\_on of civilization      *n.* the act or process of changing to the next stage or phase or moving forward
51. di\_\_\_\_\_se with CT scans      *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
52. blo\_\_\_\_\_am in an artery      *n.* the blood flowing through the body
53. after an in\_\_\_\_\_al of pause      *n.* a period between two events or times; a short break or pause
54. in\_\_\_\_\_ve breast cancer      *adj.* spreading very quickly, and often aggressively, and difficult to stop
55. ce\_\_\_\_\_y the authenticity of the painting      *v.* to formally state, especially in writing, that something is true
56. tools, hardware, et\_\_\_\_\_ra      *n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
57. l\_b instrument      *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 47. detect, 48. oxygen, 49. proactive, 50. progression, 51. diagnose, 52. bloodstream, 53. interval, 54. invasive, 55. certify, 56. etcetera, 57. lab



58. risk of coronary ar\_\_\_y disease      *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
59. im\_\_\_\_\_ng doom      *adj.* about to happen or occur; close in time; imminent
60. stress pr\_\_\_\_\_n      *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
61. sh\_\_\_\_\_ng response      *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
62. temporary me\_\_\_\_\_l treatment      *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
63. on an equal ba\_\_\_s      *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
64. pr\_\_\_t a feeling of hunger      *v.* to make someone decide to or try to do something, or to make something happen
65. traditional me\_\_\_\_\_al      *adj.* of or relating to the treatment or cure of disease
66. da\_\_\_e assessment      *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 58. artery, 59. impending, 60. protein, 61. shocking, 62. medical, 63. basis, 64. prompt, 65. medicinal, 66. damage

67. st\_\_\_e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
68. pr\_\_\_t a debate *v.* to make someone decide to or try to do something, or to make something happen
69. class obs\_\_\_\_\_on day *n.* the act or activity of carefully examining or monitoring something or someone
70. es\_\_\_\_\_te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
71. avoid irr\_\_\_\_\_ble damage *adj.* impossible to change or return to a previous condition
72. en\_\_\_\_\_ic density *adj.* possessing or exerting or displaying energy
73. fa\_\_\_\_\_e breaking *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress
74. st\_\_\_e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
75. pr\_\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
76. a s\_\_t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

ANSWERS: 67. strike, 68. prompt, 69. observation, 70. estimate, 71. irreversible, 72. energetic, 73. fatigue, 74. strike, 75. protein, 76. spot

77. an ine\_\_\_\_\_ve inn *adj.* costing little; having a low price
78. it is un\_\_\_\_\_ly that he would win the game *adj.* not probable or likely to happen
79. 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
80. ar\_\_\_\_y blockage *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
81. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
82. meetings, appointments, and et\_\_\_\_\_ra *n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
83. re\_\_\_\_\_k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
84. un\_\_\_\_\_ly event *adj.* not probable or likely to happen
85. da\_\_\_\_e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 77. inexpensive, 78. unlikely, 79. discovery, 80. artery, 81. advance, 82. etcetera, 83. rethink, 84. unlikely, 85. damage

86. degree of ac\_\_\_\_cy                      *n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
87. software pa\_\_h                              *n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
88. en\_\_\_\_\_ic dog                              *adj.* possessing or exerting or displaying energy
89. is\_\_\_\_\_e a patient                              *v.* to physically or socially separate someone or something from other people or things
90. 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
91. obs\_\_\_\_\_on instrument                              *n.* the act or activity of carefully examining or monitoring something or someone
92. 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.
93. ar\_\_\_t the progress                                      *v.* to take into custody
94. a va\_\_\_\_\_t of the same word                              *n.* something that is slightly different from others of the same type
95. con\_\_\_\_\_tly unable to start her studies                              *adv.* as a result or outcome of something
96. in\_\_\_\_\_te an error                                      *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

ANSWERS: 86. accuracy, 87. patch, 88. energetic, 89. isolate, 90. breath, 91. observation, 92. rely, 93. arrest, 94. variant, 95. consequently, 96. indicate

97. the files are in complete di\_\_\_\_er      *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
98. an al\_\_m clock      *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
99. tr\_\_\_\_r a biochemical response      *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
100. f\_\_m grip      *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
101. de\_\_\_t a bad event      *v.* to find or recognize something, especially something difficult to see, hear, etc.
102. people with bipolar di\_\_\_\_er      *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
103. com\_\_\_\_\_te well with my advisor      *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
104. a me\_\_\_\_l opinion      *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 97. disorder, 98. alarm, 99. trigger, 100. firm, 101. detect, 102. disorder, 103. communicate, 104. medical

105. ca\_\_\_\_c disease *adj.* of or relating to the heart or heart disease
106. a ri\_\_y enterprise *adj.* involving the possibility of danger, failure, or loss
107. an\_\_\_\_e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
108. v\_\_t majority *adj.* enormous in size, number, amount, or quantity
109. beauty s\_\_t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
110. cr\_\_\_\_l information *adj.* extremely vital or necessary
111. su\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
112. es\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
113. ad\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
114. su\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
115. su\_\_\_\_r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
116. 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
117. ab\_\_\_\_l performance *adj.* extremely bad or unsuccessful, to the degree of being bottomless or unfathomable

ANSWERS: 105. cardiac, 106. risky, 107. analyze, 108. vast, 109. spot, 110. crucial, 111. survive, 112. estimate, 113. advance, 114. survive, 115. suffer, 116. symptom, 117. abysmal

118. ine\_\_\_\_\_ve option *adj.* costing little; having a low price
119. sen\_\_\_\_\_ty analysis *n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others
120. gr\_\_\_\_\_y affect the situation *adv.* to an extraordinary extent or degree; very much
121. ar\_\_\_\_t the thief *v.* to take into custody
122. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
123. a fatal in\_\_\_\_y *n.* harm done to a person's or an animal's body caused by an accident or an attack
124. si\_\_\_\_t reading *adj.* without any or little sound
125. de\_\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
126. an\_\_\_\_\_e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
127. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 118. inexpensive, 119. sensitivity, 120. greatly, 121. arrest, 122. process, 123. injury, 124. silent, 125. decide, 126. analyze, 127. specific

128. cl\_\_\_\_al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
129. int\_\_\_\_\_nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
130. take im\_\_\_\_\_te effect *adj.* happening or done without delay or occurring shortly after something else
131. pr\_\_k a balloon *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
132. ca\_\_\_\_c arrest *adj.* of or relating to the heart or heart disease
133. im\_\_\_\_\_ng crisis *adj.* about to happen or occur; close in time; imminent
134. c\_\_g artery *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
135. pr\_\_k up her ears *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
136. tr\_\_\_\_\_r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
137. ru\_\_l accents *adj.* of or relating to the countryside

ANSWERS: 128. clinical, 129. intelligent, 130. immediate, 131. prick, 132. cardiac, 133. impending, 134. clog, 135. prick, 136. trigger, 137. rural



138. at regular in\_\_\_\_als *n.* a period between two events or times; a short break or pause
139. in\_\_\_\_t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
140. tracking de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
141. su\_\_\_\_r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
142. ba\_\_s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
143. sp\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
144. an int\_\_\_\_nt person *adj.* having the capacity for thought and reason, especially to a high degree
145. pr\_\_e for inside information *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
146. 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.

ANSWERS: 138. interval, 139. intent, 140. device, 141. suffer, 142. basis, 143. specific, 144. intelligent, 145. probe, 146. rely

147. v\_\_t desert *adj.* enormous in size, number, amount, or quantity
148. con\_\_\_\_\_ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
149. pa\_\_h of grass *n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
150. pr\_\_\_t not to make a connection *v.* to set or adjust something beforehand, often about electronic or technological devices or systems; (noun) a preconfigured setting or adjustment that is programmed into a device, system, or software
151. al\_\_t consumers to the dangers *v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action
152. accounting f\_\_m *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
153. pr\_\_\_\_\_ve about doing the task *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
154. at\_\_\_\_\_k youth *adj.* in danger of being harmed or damaged, or of death or loss
155. in\_\_\_\_\_te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

ANSWERS: 147. vast, 148. concentration, 149. patch, 150. preset, 151. alert, 152. firm, 153. proactive, 154. at-risk, 155. indicate

156. give si\_\_\_t consent *adj.* without any or little sound
157. at\_\_\_k mental state *adj.* in danger of being harmed or damaged, or of death or loss
158. di\_\_\_es patient *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
159. el\_\_\_\_\_on in rank *n.* the height of something above sea level or above the ground; the event of something being raised upward
160. de\_\_\_e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
161. 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
162. an irr\_\_\_\_\_ble change *adj.* impossible to change or return to a previous condition
163. si\_\_\_\_\_n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
164. get ne\_\_\_\_\_s *adj.* worried and anxious about something; relating to the nerves
165. pr\_\_\_t settings *v.* to set or adjust something beforehand, often about electronic or technological devices or systems; (noun) a preconfigured setting or adjustment that is programmed into a device, system, or software

ANSWERS: 156. silent, 157. at-risk, 158. diabetes, 159. elevation, 160. decide, 161. symptom, 162. irreversible, 163. silicon, 164. nervous, 165. preset

166. pa\_\_\_\_t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
167. severe cr\_\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
168. 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
169. a cr\_\_\_\_l issue for women *adj.* extremely vital or necessary
170. blo\_\_\_\_am to the brain *n.* the blood flowing through the body
171. 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
172. con\_\_\_\_tly affect the organs *adv.* as a result or outcome of something
173. va\_\_\_\_te a hypothesis *v.* to check or prove that something is true; to make something officially or legally acceptable or approved
174. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
175. tim\_\_\_\_ing project *adj.* requiring a significant amount of time or effort to complete
176. ab\_\_\_\_l living conditions *adj.* extremely bad or unsuccessful, to the degree of being bottomless or unfathomable

ANSWERS: 166. patient, 167. critic, 168. digital, 169. crucial, 170. bloodstream, 171. oxygen, 172. consequently, 173. validate, 174. norm, 175. time-consuming, 176. abysmal

177. change ri\_\_y behavior *adj.* involving the possibility of danger, failure, or loss
178. get a con\_\_\_\_\_nal loan *adj.* based on or following traditional rules, standards, customs, etc.
179. w\_\_ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
180. 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
181. c\_\_g a filter *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
182. gr\_\_\_\_\_y support that player *adv.* to an extraordinary extent or degree; very much
183. without in\_\_\_\_y *n.* harm done to a person's or an animal's body caused by an accident or an attack
184. at an el\_\_\_\_\_on of 1000 feet *n.* the height of something above sea level or above the ground; the event of something being raised upward
185. sh\_\_\_\_\_ng revelation *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
186. his research area of  
con\_\_\_\_\_ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 177. risky, 178. conventional, 179. warn, 180. discovery, 181. clog, 182. greatly, 183. injury, 184. elevation, 185. shocking, 186. concentration

ANSWERS:

## Session 3: Fill in the Blanks

1. It is extremely \_\_\_\_\_ to sail in such a storm.  
*adj.* involving the possibility of danger, failure, or loss
2. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.  
*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
3. 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
4. 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
5. 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
6. As a witness, I can \_\_\_\_\_ his innocence.  
*v.* to formally state, especially in writing, that something is true
7. The development of agricultural technology has had an \_\_\_\_\_ impact on humanity.  
*adj.* impossible to change or return to a previous condition
8. He sprained his \_\_\_\_\_ while playing basketball.  
*n.* the joint between the hand and the forearm; the narrow part of the hand near this joint

ANSWERS: 1. risky, 2. protein, 3. breath, 4. discovery, 5. device, 6. certify, 7. irreversible, 8. wrist

9. The passage of the bill is \_\_\_\_\_.  
*adj.* not probable or likely to happen
10. \_\_\_\_\_ the company had to lay off some of its employees.  
*adv.* as a result or outcome of something
11. In the hospital, she will remain under constant \_\_\_\_\_.  
*n.* the act or activity of carefully examining or monitoring something or someone
12. 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
13. To assure \_\_\_\_\_ I recommend investing in high-quality test kits.  
*n.* the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
14. The \_\_\_\_\_ output of a resting adult is around three quarts per minute.  
*adj.* of or relating to the heart or heart disease
15. Despite the setbacks, he remained \_\_\_\_\_ in his pursuit of his dreams.  
*adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
16. The security camera has \_\_\_\_\_ four intruders.  
*v.* to find or recognize something, especially something difficult to see, hear, etc.
17. 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

ANSWERS: 9. unlikely, 10. Consequently, 11. observation, 12. medical, 13. accuracy, 14. cardiac, 15. persistent, 16. detected, 17. digital



18. \_\_\_\_\_ robots that can cooperate with humans have limited motor output for safety.

*adj.* having the capacity for thought and reason, especially to a high degree

19. The company's \_\_\_\_\_ sales performance led to layoffs and budget cuts.

*adj.* extremely bad or unsuccessful, to the degree of being bottomless or unfathomable

20. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.

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

21. The politician remained \_\_\_\_\_ despite intense media scrutiny.

*adj.* without any or little sound

22. He accidentally \_\_\_\_\_ his finger with the needle.

*v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

23. He suffers from \_\_\_\_\_ breakdowns.

*adj.* worried and anxious about something; relating to the nerves

24. NASA sent a \_\_\_\_\_ to study the atmosphere of Jupiter.

*n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

25. 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

ANSWERS: 18. Intelligent, 19. abysmal, 20. advance, 21. silent, 22. pricked, 23. nervous, 24. probe, 25. symptom

26. The systems we have developed has accepted as industry \_\_\_\_\_.
- n.* something that is regarded as usual, typical, or standard
27. The older man \_\_\_\_\_ from arthritis and finds it difficult to move around.
- v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
28. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.
- n.* someone who expresses opinions about the quality of books, music, etc.
29. The drain was \_\_\_\_\_ with hair and needed to be cleaned out.
- v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
30. Both forts were subject to \_\_\_\_\_ attacks.
- adj.* happening or done without delay or occurring shortly after something else
31. In an aging population, citizens must pay more to maintain quality \_\_\_\_\_.
- n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
32. 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.
33. These birds can only \_\_\_\_\_ in temperate climates.
- v.* to live or exist despite a dangerous event or period

ANSWERS: 26. norms, 27. suffers, 28. critics, 29. clogged, 30. immediate, 31. healthcare, 32. proactive, 33. survive

34. He left his wife an \_\_\_\_\_ fortune.

*adj.* extremely large or great

35. The data \_\_\_\_\_ that the company's profits have steadily increased over the past quarter.

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

36. For the analysis \_\_\_\_\_ the system remains at a standstill state.

*n.* a period between two events or times; a short break or pause

37. That incident \_\_\_\_\_ a nationwide chain reaction regarding the crackdown on illegal groups.

*v.* to make someone decide to or try to do something, or to make something happen

38. They \_\_\_\_\_ admired our actions.

*adv.* to an extraordinary extent or degree; very much

39. 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

40. The \_\_\_\_\_ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

*adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

41. This remote \_\_\_\_\_ is rarely visited.

*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

ANSWERS: 34. immense, 35. indicates, 36. interval, 37. prompted, 38. greatly, 39. diagnose, 40. firm, 41. spot

42. The designer's \_\_\_\_\_ was to create a minimalist aesthetic for the interior of the building.
- n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
43. This exam requires excellent \_\_\_\_\_ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
44. The incident \_\_\_\_\_ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
45. 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
46. The \_\_\_\_\_ of the mountain made it difficult to breathe.
- n.* the height of something above sea level or above the ground; the event of something being raised upward
47. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
48. During the surgery, the doctor had to be extremely cautious not to \_\_\_\_\_ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 42. intent, 43. concentration, 44. triggered, 45. oxygen, 46. elevation, 47. decide, 48. damage

49. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
50. To \_\_\_\_\_ your purchase, please visit the following link.
- v.* to check or prove that something is true; to make something officially or legally acceptable or approved
51. This evidence will form the \_\_\_\_\_ for our discussion.
- n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
52. Cancer cells are often carried throughout the body by the \_\_\_\_\_.
- n.* the blood flowing through the body
53. \_\_\_\_\_ is the second most abundant element on earth after oxygen.
- n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
54. My accidental \_\_\_\_\_ got better right away.
- n.* harm done to a person's or an animal's body caused by an accident or an attack
55. We have to \_\_\_\_\_ our company's product lineup for further growth.
- v.* to consider again a plan, idea, etc., especially to change it
56. The first \_\_\_\_\_ of the virus appeared in less than a month.
- n.* something that is slightly different from others of the same type

ANSWERS: 49. process, 50. validate, 51. basis, 52. bloodstream, 53. Silicon, 54. injury, 55. rethink, 56. variant

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 news of the accident was \_\_\_\_\_ and left many in shock.

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

59. The restaurant offered delicious food at an \_\_\_\_\_ price.

*adj.* costing little; having a low price

60. The school provides extra support for \_\_\_\_\_ students to help them succeed.

*adj.* in danger of being harmed or damaged, or of death or loss

61. Writing a research paper can be a \_\_\_\_\_ task.

*adj.* requiring a significant amount of time or effort to complete

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

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

63. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_.

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

64. Dolphins use sound to \_\_\_\_\_ with each other.

*v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

ANSWERS: 57. clinical, 58. shocking, 59. inexpensive, 60. at-risk, 61. time-consuming, 62. specific, 63. lab, 64. communicate

65. The museum contains a variety of artifacts, from ancient pottery to medieval armor, \_\_\_\_\_.
- n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
66. The instrument has a high \_\_\_\_\_ to temperature changes.
- n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others
67. We \_\_\_\_\_ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
68. I need to sew a \_\_\_\_\_ onto my jeans that ripped.
- n.* a small piece of material or fabric used to repair or reinforce a tear, hole, or damaged area; a small plot of land used for cultivation or a specific purpose
69. The doctor prescribed some medicine for the mental \_\_\_\_\_.
- n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
70. During the flight, the wings of the plane \_\_\_\_\_.
- v.* to move or cause anything to move fast and in small increments from side to side
71. This process caused an \_\_\_\_\_ chemical reaction.
- adj.* possessing or exerting or displaying energy
72. My father was tested for \_\_\_\_\_.
- n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood

ANSWERS: 65. etcetera, 66. sensitivity, 67. strike, 68. patch, 69. disorder, 70. vibrate, 71. energetic, 72. diabetes

73. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
74. I always \_\_\_\_\_ my coffee maker the night before to have a fresh cup when I wake up.  
*v.* to set or adjust something beforehand, often about electronic or technological devices or systems; (noun) a preconfigured setting or adjustment that is programmed into a device, system, or software
75. You should not \_\_\_\_\_ them from the community.  
*v.* to physically or socially separate someone or something from other people or things
76. The company has made great strides in its \_\_\_\_\_ toward sustainability.  
*n.* the act or process of changing to the next stage or phase or moving forward
77. The \_\_\_\_\_ announcing an enemy attack went off this morning.  
*n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
78. 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.
79. 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

ANSWERS: 73. medicinal, 74. preset, 75. isolate, 76. progression, 77. alarm, 78. rely, 79. biomarker



80. The \_\_\_\_\_ disease can spread quickly and potentially cause a global pandemic.

*adj.* spreading very quickly, and often aggressively, and difficult to stop

81. The company's cybersecurity team \_\_\_\_\_ the CEO to potential threats.

*v.* to warn or arouse to a sense of danger; (adjective) paying close attention or being in a state of readiness for action

82. A \_\_\_\_\_ audience viewed the broadcast.

*adj.* enormous in size, number, amount, or quantity

83. We must prepare for the \_\_\_\_\_ storm expected to hit our area.

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

84. She is very \_\_\_\_\_ in her thoughts.

*adj.* based on or following traditional rules, standards, customs, etc.

85. A police officer has the authority to \_\_\_\_\_ a criminal.

*v.* to take into custody

86. The doctor carefully examined the \_\_\_\_\_ medical history.

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

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

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

ANSWERS: 80. invasive, 81. alerted, 82. vast, 83. impending, 84. conventional, 85. arrest, 86. patient's, 87. artery

88. 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

89. The revitalization of technology companies is \_\_\_\_\_ to the country's growth.

- adj. extremely vital or necessary

90. Many \_\_\_\_\_ areas are still impoverished.

- adj. of or relating to the countryside

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

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

92. The metal showed signs of \_\_\_\_\_ after being subjected to repeated stress.

- n. a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

93. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.

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

ANSWERS: 88. warn, 89. crucial, 90. rural, 91. analyze, 92. fatigue, 93. estimated