

# Englist.me



## Vocabulary Builder Reference from...

*Sarthak Sinha: How a wound heals itself | TED Talk*  
[https://www.ted.com/talks/sarthak\\_sinha\\_how\\_a\\_wound\\_heals\\_itself](https://www.ted.com/talks/sarthak_sinha_how_a_wound_heals_itself)

### All Words

#### IMPORTANT

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## Session 1: Word List

### liver

*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

### brain

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

*synonym*: intellect, mind, encephalon

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

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

### characteristic

*n.* a typical feature or quality that can identify, tell apart, or describe something or somebody

*synonym*: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

### function

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a

specific way, or to perform a particular task or purpose  
*synonym* : purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

## sweat

*n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress

*synonym* : perspiration, steam, hardwork

(1) all in a **sweat**, (2) **sweat** bath

She wiped the **sweat** off her forehead with a towel.

## heal

*v.* to make a wound or injury to become well again

*synonym* : recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind

It will take time for her mental scars to **heal**.

## surrounding

*adj.* that is near or around, or closely encircling something

*synonym* : circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle

The **surrounding** mountains make the city difficult to be invaded.

## regain

*v.* to get something back or recover something after it has been lost or taken away

*synonym* : recover, reclaim, retrieve

(1) **regain** our reputation, (2) **regain** my health

After years of hard work, he finally **regained** his financial stability.

## structure

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

*synonym* : construction, architecture, establishment

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

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

## epidermis

*n.* the outermost layer of skin, composed of flat, scale-like cells that provide a protective barrier against external substances and help regulate body temperature

*synonym*: skin, cuticle, derma

(1) **epidermis** layer, (2) **epidermis** cells

Excessive exposure to UV radiation harms the **epidermis** and increases the risk of skin cancer.

## consist

*v.* to be composed or made up of

*synonym*: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

## keratin

*n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers

*synonym*: ceratin

(1) **keratin** treatment, (2) **keratin** protein

Keratosis is a skin condition characterized by the formation of excess **keratin** on the skin's surface

## constantly

*adv.* all the time

*synonym*: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

## renew

*v.* to begin or resume something again after an interruption

*synonym*: renovate, restore, revitalize

(1) **renew** a contract, (2) **renew** its corporate image

I have to **renew** my passport by the middle of September.

## penetrate

*v.* to pass into or through something, often by overcoming resistance

*synonym* : pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin  
Western ideology slowly **penetrates** through the eastern countries.

## dermis

*n.* the layer of skin beneath the epidermis that contains blood vessels, nerves, and connective tissue

*synonym* : skin layer, corium, cutis

(1) hair follicle **dermis**, (2) skin **dermis**

The **dermis** layer contains nerve endings, which enable us to feel sensations such as pressure and pain.

## vessel

*n.* a ship or large boat

*synonym* : boat, ship, craft

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

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

## gland

*n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

*synonym* : secretor

(1) the function of the thyroid **gland**, (2) a mammary **gland**

The adrenal **glands** produce steroids.

## 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.

## 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.

## overlap

*v.* to partially cover something by going beyond its edge  
*synonym* : overlay, cover, bespread

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

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

## 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.

## hemostasis

*n.* the natural process or medical technique of stopping or controlling bleeding, usually achieved through various mechanisms such as blood vessel constriction, blood clotting, or surgical procedures

*synonym* : bleeding stoppage, blood clotting

(1) **hemostasis** technique, (2) **hemostasis** valve

The nurse applied pressure to the wound to ensure **hemostasis** before stitching it up.

## 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.

## 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.

## barrier

*n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

*synonym* : border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

## compromise

*v.* to settle a problem or disagreement by mutual concession

*synonym* : agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

## tight

*adj.* fixed, fastened, or kept together firmly or closely

*synonym* : closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

## minimize

*v.* to make something, especially something bad, small or less serious

*synonym* : diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

## vasoconstriction

*n.* the narrowing or constriction of blood vessels, particularly the contraction of smooth muscles in the vessel walls, which can result in reduced blood flow

*synonym* : narrowing, constriction, tightness

(1) induced **vasoconstriction**, (2) peripheral

### **vasoconstriction**

The body responds to cold temperatures through **vasoconstriction** to preserve heat.

### **avert**

*v.* to prevent something dangerous or undesirable from happening

*synonym*: discourage, prevent, deter

(1) **avert** disaster, (2) **avert** a strike

The dam systematically releases large amounts of water to **avert** flooding during the rainy season

### **clot**

*n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

*synonym*: clump, coagulation, thrombus

(1) blood **clot**, (2) **clot** prevention

The **clot** in the blood vessel required immediate medical attention.

### **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.

### **fibrin**

*n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes

*synonym*: clot, coagulation, thrombus

(1) **fibrin** clot, (2) **fibrin** formation

The doctor applied **fibrin** sealant to help the wound heal and prevent infection.

### **crosslink**

*v.* to chemically or molecularly link two or more substances or molecules together; to connect or fuse different parts

or components into a unified whole; (noun) a bond or connection between two or more molecules or parts of a molecule that results in the formation of a three-dimensional network or structure

*synonym* : link, connect, bond

(1) **crosslink** with the surface of the material, (2) the **crosslink** between the two polymers

The new polymer material is designed to **crosslink** more efficiently, improving its strength and durability.

## bacteria

*n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

*synonym* : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

**Bacteria** prevalent in hospitals are often resistant to antibiotics.

## pathogen

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

*synonym* : germ, microbe, bacterium

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

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

## inflammation

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

*synonym* : rash, hives, irritation

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

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

## macrophage

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



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

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

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

## devour

v. to eat or consume something eagerly or ravenously; or to destroy something rapidly

*synonym* : consume, swallow, destroy

(1) **devour** a meal, (2) **devour** my way

She **devoured** the mystery novel in one sitting.

## 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.

## tissue

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

*synonym* : structure, texture, anatomy

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

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

## phagocyte

n. a type of cell in the immune system that is capable of engulfing or absorbing foreign, harmful particles or microorganisms to protect the body from infection or disease

*synonym* : cell-eater, macrophage, scavenger cell

(1) **phagocyte** cells, (2) mononuclear **phagocyte** system

The **phagocyte** activity in the human body plays a crucial role in the immune response by engulfing harmful pathogens.

## addition

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

*synonym*: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

## spur

*n.* a thing that encourages someone to do something; any sharply pointed projection; (verb) to incite or stimulate someone or something

*synonym*: encouragement, motivation, stimulus

(1) **spur** of the moment, (2) **spur** a momentum of economic growth

The threat of losing his job was the **spur** he needed to work harder.

## healing

*n.* the process of becoming or making somebody or something well again

*synonym*: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

## constrict

*v.* to make something narrow or tight, often restricting movement or flow; to become narrow or tighter

*synonym*: squeeze, compress, tighten

(1) **constrict** blood vessels, (2) **constrict** freedom

The snake's muscles began to **constrict** around its prey.

## 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.

## vasodilation

*n.* the widening or expansion of blood vessels, particularly the arteries, which leads to an increase in blood flow and a decrease in blood pressure

*synonym*: widening of blood vessels, vascular expansion

(1) **vasodilation** of blood vessels, (2) **vasodilation** therapy  
Warm temperatures can cause **vasodilation**, resulting in a feeling of warmth in the body.

## proliferate

*v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner  
*synonym*: multiply, spread, propagate

(1) **proliferate** cells, (2) **proliferate** weeds

The number of COVID cases continued to **proliferate** in many countries worldwide.

## fibroblast

*n.* a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs

(1) **fibroblast** growth factor, (2) **fibroblast** migration

**Fibroblast** cells play an important role in tissue repair and regeneration.

## collagen

*n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

*synonym*: gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production

Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

## deposition

*n.* the process of obtaining testimony from a witness or a party to a lawsuit outside of the courtroom; the act of removing or displacing someone from a position of power or authority; the process of laying down a substance or material in a particular place or on a particular surface, such as sedimentary rock formation

*synonym*: removal, displacement, sediment

(1) **deposition** of minerals, (2) legal **deposition**

The **deposition** of the CEO was crucial in determining the company's guilt.

## fiber

*n.* thread or filament used to make a vegetable tissue, mineral material, or textile

*synonym*: yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

## 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.

## divide

*v.* to separate or cause to separate into parts or groups

*synonym*: separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

## reform

*n.* the act of improving or correcting something that is wrong or bad; a change made to correct a flaw or problem

*synonym*: change, modify, improve

(1) economic **reform**, (2) **reform** movement

The government is proposing a **reform** to the healthcare system to make it more accessible and affordable for all citizens.

## contract

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

*synonym*: agreement, deal, arrangement

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

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

## remodel

*v.* to change the structure or form of something

*synonym*: refurbish, remake, revamp

(1) **remodel** the car, (2) **remodel** portfolio

We are **remodeling** these rooms now.

## deposit

*n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

*synonym*: bank, installment, sedimentation

(1) **deposit** money, (2) **deposit** accumulation

I made a **deposit** at the bank to add money to my account.

## rearrange

*v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

*synonym*: readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule

Please **rearrange** these files as we start a new project tomorrow.

## convert

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

*synonym*: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

## 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.

## tensile

*adj.* relating to the ability of a material or structure to stretch or bend without breaking or losing its shape; having great strength or flexibility under tension

*synonym*: flexible, pliable, ductile

(1) **tensile** deformation, (2) **tensile** properties

The engineer tested the **tensile** strength of the metal to determine its durability.

## strength

*n.* the quality or state of being physically, or sometimes mentally, strong

*synonym*: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

## 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**.

## strengthen

*v.* to become stronger or more effective; to make someone or something stronger or more effective

*synonym*: reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

## severity

*n.* the quality or condition of being severe, strict, or harsh

*synonym*: harshness, rigidity, austerity

(1) the **severity** of cold, (2) high **severity**

The **severity** of the drought was a major concern for farmers.

## initial

*adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name

*synonym*: basic, primary, beginning

(1) **initial** velocity, (2) an **initial** letter

They took the **initial** step toward reconciliation.

## 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.

## scar

*n.* a mark that remains on the skin after a wound has healed

*synonym* : blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

## 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.

## stride

*v.* to walk with long steps in a particular direction; (noun) an important and positive progress

*synonym* : step, walk, march

(1) **stride** across a room, (2) **stride** down a slope

She **strides** confidently across the stage to accept her award.

## fundamental

*adj.* forming an essential base or core from which everything else develops or is affected

*synonym* : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

## mystery

*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

*synonym* : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

## resolve

*v.* to find a suitable answer to the problems or difficulty  
*synonym*: decide, determine, fix

(1) **resolve** a dispute, (2) **resolve** the computer error  
This company **resolves** its battery problem completely.

## instance

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

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

## adjacent

*adj.* next to, close to, or adjoining something  
*synonym*: next, adjoining, neighboring

(1) **adjacent** to his house, (2) **adjacent** houses  
Our country has military alliances with **adjacent** countries.

## efficiently

*adv.* in a way that produces maximum output with minimum effort or expense

*synonym*: expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.



## Session 2: Spelling

- |                                   |  |
|-----------------------------------|--|
| 1. di___e money equally           | <i>v.</i> to separate or cause to separate into parts or groups  |
| 2. fib_____st migration           | <i>n.</i> a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs |
| 3. muscular st_____th             | <i>n.</i> the quality or state of being physically, or sometimes mentally, strong  |
| 4. cl_____al surgery              | <i>adj.</i> of or relating to the examination and treatment of patients rather than theoretical or laboratory studies  |
| 5. a fence sur_____ng a castle    | <i>adj.</i> that is near or around, or closely encircling something  |
| 6. de___r my way                  | <i>v.</i> to eat or consume something eagerly or ravenously; or to destroy something rapidly   |
| 7. co_____t mainly of cells       | <i>v.</i> to be composed or made up of   |
| 8. the pa_____en in the air       | <i>n.</i> a bacterium, virus, or other microorganism that causes disease   |
| 9. re_____e one word with another | <i>v.</i> to take the place of something   |
| 10. ex___d a lineup               | <i>v.</i> to increase or to make something greater in size, number, or importance  |
| 11. co_____t base 10 to base 16   | <i>v.</i> to have a talk with someone; (adjective) reversed in order, relation, or action  |

ANSWERS: 1. divide, 2. fibroblast, 3. strength, 4. clinical, 5. surrounding, 6. devour, 7. consist, 8. pathogen, 9. replace, 10. expand, 11. convert

12. sp\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
13. re\_\_\_\_e the computer error *v.* to find a suitable answer to the problems or difficulty
14. c\_\_t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
15. co\_\_\_\_ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
16. the im\_\_\_\_te past *adj.* happening or done without delay or occurring shortly after something else
17. mi\_\_\_\_ze a loss *v.* to make something, especially something bad, small or less serious
18. vas\_\_\_\_ion therapy *n.* the widening or expansion of blood vessels, particularly the arteries, which leads to an increase in blood flow and a decrease in blood pressure
19. re\_\_\_\_l the car *v.* to change the structure or form of something
20. hem\_\_\_\_is technique *n.* the natural process or medical technique of stopping or controlling bleeding, usually achieved through various mechanisms such as blood vessel constriction, blood clotting, or surgical procedures

ANSWERS: 12. specific, 13. resolve, 14. clot, 15. contract, 16. immediate, 17. minimize, 18. vasodilation, 19. remodel, 20. hemostasis

21. ex\_\_\_d agricultural output      *v.* to increase or to make something greater in size, number, or importance
22. te\_\_\_\_\_e deformation      *adj.* relating to the ability of a material or structure to stretch or bend without breaking or losing its shape; having great strength or flexibility under tension
23. imp\_\_\_\_\_ion on stage      *n.* the act of making something up on the spot or creating or performing something without preparation
24. a mammary gl\_\_d      *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
25. synthetic fi\_\_r      *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
26. re\_\_w its corporate image      *v.* to begin or resume something again after an interruption
27. the se\_\_\_\_\_ty of cold      *n.* the quality or condition of being severe, strict, or harsh
28. ov\_\_\_\_\_p one another      *v.* to partially cover something by going beyond its edge
29. str\_\_\_\_\_en a border patrol      *v.* to become stronger or more effective; to make someone or something stronger or more effective
30. 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

ANSWERS: 21. expand, 22. tensile, 23. improvisation, 24. gland, 25. fiber, 26. renew, 27. severity, 28. overlap, 29. strengthen, 30. threat

31. 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
32. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
33. co\_\_\_\_\_ct blood vessels *v.* to make something narrow or tight, often restricting movement or flow; to become narrow or tighter
34. pathogenic ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
35. h\_\_l the hurt mind *v.* to make a wound or injury to become well again
36. re\_\_\_\_\_r a loss *v.* to return to a former condition, health, mind, or strength
37. information ba\_\_\_\_\_r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
38. stripes cha\_\_\_\_\_tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
39. de\_\_\_r a meal *v.* to eat or consume something eagerly or ravenously; or to destroy something rapidly

ANSWERS: 31. protein, 32. brain, 33. constrict, 34. bacteria, 35. heal, 36. recover, 37. barrier, 38. characteristic, 39. devour

40. chemical ad\_\_\_\_\_on *n.* the act or process of adding something to something else; the process of adding numbers
41. re\_\_\_\_\_ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
42. 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
43. in\_\_\_\_\_l velocity *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
44. fu\_\_\_\_\_on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
45. re\_\_\_\_\_ge his schedule *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
46. participate in cl\_\_\_\_\_al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 40. addition, 41. rearrange, 42. damage, 43. initial, 44. function, 45. rearrange, 46. clinical

47. harmless ba\_\_\_\_ia      *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
48. st\_\_\_e across a room      *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
49. eff\_\_\_\_\_ly combined      *adv.* in a way that produces maximum output with minimum effort or expense
50. s\_\_r a momentum of economic growth      *n.* a thing that encourages someone to do something; any sharply pointed projection; (verb) to incite or stimulate someone or something
51. re\_\_\_n my health      *v.* to get something back or recover something after it has been lost or taken away
52. skin de\_\_\_s      *n.* the layer of skin beneath the epidermis that contains blood vessels, nerves, and connective tissue
53. ke\_\_\_\_\_n treatment      *n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers
54. legal dep\_\_\_\_\_on      *n.* the process of obtaining testimony from a witness or a party to a lawsuit outside of the courtroom; the act of removing or displacing someone from a position of power or authority; the process of laying down a substance or material in a particular place or on a particular surface, such as sedimentary rock formation

ANSWERS: 47. bacteria, 48. stride, 49. efficiently, 50. spur, 51. regain, 52. dermis, 53. keratin, 54. deposition

55. blood ve\_\_\_ls *n.* a ship or large boat
56. av\_\_t disaster *v.* to prevent something dangerous or undesirable from happening
57. notable in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
58. 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
59. s\_\_r of the moment *n.* a thing that encourages someone to do something; any sharply pointed projection; (verb) to incite or stimulate someone or something
60. 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
61. tr\_\_\_\_\_r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
62. fun\_\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 55. vessel, 56. avert, 57. instance, 58. process, 59. spur, 60. damage, 61. trigger, 62. fundamental

63. natural he\_\_\_\_\_g ability *n.* the process of becoming or making somebody or something well again
64. sur\_\_\_\_\_ng areas *adj.* that is near or around, or closely encircling something
65. inf\_\_\_\_\_ion of the lungs *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
66. burn s\_\_r *n.* a mark that remains on the skin after a wound has healed
67. a con\_\_\_\_\_ly varying mind *adv.* all the time
68. 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
69. way to mi\_\_\_\_\_ze conflict *v.* to make something, especially something bad, small or less serious
70. mononuclear ph\_\_\_\_\_te system *n.* a type of cell in the immune system that is capable of engulfing or absorbing foreign, harmful particles or microorganisms to protect the body from infection or disease
71. fun\_\_\_\_\_al education *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 63. healing, 64. surrounding, 65. inflammation, 66. scar, 67. constantly, 68. process, 69. minimize, 70. phagocyte, 71. fundamental



72. my\_\_\_\_\_y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
73. pro\_\_\_\_\_te cells *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
74. co\_\_\_\_\_en supplement *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
75. develop software more eff\_\_\_\_\_ly *adv.* in a way that produces maximum output with minimum effort or expense
76. pe\_\_\_\_\_te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
77. blood c\_\_t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
78. economic re\_\_\_\_m *n.* the act of improving or correcting something that is wrong or bad; a change made to correct a flaw or problem
79. high se\_\_\_\_\_ty *n.* the quality or condition of being severe, strict, or harsh

ANSWERS: 72. mystery, 73. proliferate, 74. collagen, 75. efficiently, 76. penetrate, 77. clot, 78. reform, 79. severity

80. jazz imp\_\_\_\_\_ion *n.* the act of making something up on the spot or creating or performing something without preparation
81. induced vas\_\_\_\_\_ion *n.* the narrowing or constriction of blood vessels, particularly the contraction of smooth muscles in the vessel walls, which can result in reduced blood flow
82. ep\_\_\_\_\_is cells *n.* the outermost layer of skin, composed of flat, scale-like cells that provide a protective barrier against external substances and help regulate body temperature
83. the cr\_\_\_\_\_nk between the two polymers *v.* to chemically or molecularly link two or more substances or molecules together; to connect or fuse different parts or components into a unified whole; (noun) a bond or connection between two or more molecules or parts of a molecule that results in the formation of a three-dimensional network or structure
84. student on a ti\_\_t budget *adj.* fixed, fastened, or kept together firmly or closely
85. hair follicle de\_\_\_\_s *n.* the layer of skin beneath the epidermis that contains blood vessels, nerves, and connective tissue
86. part of the he\_\_\_\_\_g process *n.* the process of becoming or making somebody or something well again
87. ep\_\_\_\_\_is layer *n.* the outermost layer of skin, composed of flat, scale-like cells that provide a protective barrier against external substances and help regulate body temperature

ANSWERS: 80. improvisation, 81. vasoconstriction, 82. epidermis, 83. crosslink, 84. tight, 85. dermis, 86. healing, 87. epidermis

88. plant pa\_\_\_\_en *n.* a bacterium, virus, or other microorganism that causes disease
89. co\_\_\_\_\_ct freedom *v.* to make something narrow or tight, often restricting movement or flow; to become narrow or tighter
90. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
91. ad\_\_\_\_\_nt to his house *adj.* next to, close to, or adjoining something
92. a ti\_\_t game *adj.* fixed, fastened, or kept together firmly or closely
93. fib\_\_\_\_\_st growth factor *n.* a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs
94. cost ba\_\_\_\_\_r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
95. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
96. h\_\_l a broken bone *v.* to make a wound or injury to become well again
97. de\_\_\_\_\_t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 88. pathogen, 89. constrict, 90. specific, 91. adjacent, 92. tight, 93. fibroblast, 94. barrier, 95. structure, 96. heal, 97. deposit

98. st\_\_\_\_th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong
99. my friend's cha\_\_\_\_\_tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
100. re\_\_\_\_r approval ratings *v.* to return to a former condition, health, mind, or strength
101. ov\_\_\_\_p in many areas *v.* to partially cover something by going beyond its edge
102. re\_\_w a contract *v.* to begin or resume something again after an interruption
103. the function of the thyroid gl\_\_d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
104. naval ve\_\_\_\_ls *n.* a ship or large boat
105. co\_\_\_\_en production *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
106. an in\_\_\_\_l letter *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
107. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 98. strength, 99. characteristic, 100. recover, 101. overlap, 102. renew, 103. gland, 104. vessel, 105. collagen, 106. initial, 107. structure

108. a con\_\_\_\_\_ly innovative enterprise     *adv.* all the time
109. get ne\_\_\_\_\_s     *adj.* worried and anxious about something; relating to the nerves
110. com\_\_\_\_\_se the matter     *v.* to settle a problem or disagreement by mutual concession
111. mac\_\_\_\_\_ge activity     *n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
112. ph\_\_\_\_\_te cells     *n.* a type of cell in the immune system that is capable of engulfing or absorbing foreign, harmful particles or microorganisms to protect the body from infection or disease
113. immune fu\_\_\_\_\_on     *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
114. 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
115. co\_\_\_\_\_t fat into energy     *v.* to have a talk with someone; (adjective) reversed in order, relation, or action

ANSWERS: 108. constantly, 109. nervous, 110. compromise, 111. macrophage, 112. phagocyte, 113. function, 114. protein, 115. convert

116. employment co\_\_\_\_\_ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
117. cannot com\_\_\_\_\_se anymore *v.* to settle a problem or disagreement by mutual concession
118. di\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
119. peripheral vas\_\_\_\_\_ion *n.* the narrowing or constriction of blood vessels, particularly the contraction of smooth muscles in the vessel walls, which can result in reduced blood flow
120. ke\_\_\_\_\_n protein *n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers
121. co\_\_\_\_\_t only in knowing facts *v.* to be composed or made up of
122. re\_\_\_\_\_l portfolio *v.* to change the structure or form of something
123. tr\_\_\_\_\_r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
124. pe\_\_\_\_\_te a cell *v.* to pass into or through something, often by overcoming resistance
125. reduce inf\_\_\_\_\_ion and pain *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

ANSWERS: 116. contract, 117. compromise, 118. divide, 119. vasoconstriction, 120. keratin, 121. consist, 122. remodel, 123. trigger, 124. penetrate, 125. inflammation

126. loss of muscle ti\_\_\_e                    *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
127. all in a sw\_\_t                            *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
128. te\_\_\_\_\_e properties                *adj.* relating to the ability of a material or structure to stretch or bend without breaking or losing its shape; having great strength or flexibility under tension
129. mac\_\_\_\_\_ge dysfunction           *n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
130. carry a s\_\_r                                *n.* a mark that remains on the skin after a wound has healed
131. hem\_\_\_\_\_is valve                    *n.* the natural process or medical technique of stopping or controlling bleeding, usually achieved through various mechanisms such as blood vessel constriction, blood clotting, or surgical procedures
132. cr\_\_\_\_\_nk with the surface of the material    *v.* to chemically or molecularly link two or more substances or molecules together; to connect or fuse different parts or components into a unified whole; (noun) a bond or connection between two or more molecules or parts of a molecule that results in the formation of a three-dimensional network or structure

ANSWERS: 126. tissue, 127. sweat, 128. tensile, 129. macrophage, 130. scar, 131. hemostasis, 132. crosslink

133. dep\_\_\_\_\_on of minerals *n.* the process of obtaining testimony from a witness or a party to a lawsuit outside of the courtroom; the act of removing or displacing someone from a position of power or authority; the process of laying down a substance or material in a particular place or on a particular surface, such as sedimentary rock formation
134. re\_\_\_n our reputation *v.* to get something back or recover something after it has been lost or taken away
135. av\_\_t a strike *v.* to prevent something dangerous or undesirable from happening
136. st\_\_\_e down a slope *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
137. for in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
138. fatty li\_\_r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
139. take im\_\_\_\_\_te effect *adj.* happening or done without delay or occurring shortly after something else
140. re\_\_\_m movement *n.* the act of improving or correcting something that is wrong or bad; a change made to correct a flaw or problem
141. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 133. deposition, 134. regain, 135. avert, 136. stride, 137. instance, 138. liver, 139. immediate, 140. reform, 141. tissue



142. 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
143. permanent br\_\_n damage            *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
144. fi\_\_\_n formation                    *n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes
145. development of the ne\_\_\_\_s system    *adj.* worried and anxious about something; relating to the nerves
146. fi\_\_\_n clot                            *n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes
147. li\_\_r disease                        *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
148. re\_\_\_\_e a dispute                    *v.* to find a suitable answer to the problems or difficulty
149. ad\_\_\_\_on of vectors                *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 142. threat, 143. brain, 144. fibrin, 145. nervous, 146. fibrin, 147. liver, 148. resolve, 149. addition

150. unsolved my\_\_\_\_y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
151. str\_\_\_\_\_en the immune system *v.* to become stronger or more effective; to make someone or something stronger or more effective
152. ad\_\_\_\_\_nt houses *adj.* next to, close to, or adjoining something
153. carbon fi\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
154. re\_\_\_\_\_e a phone *v.* to take the place of something
155. pro\_\_\_\_\_te weeds *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
156. de\_\_\_\_\_t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
157. sw\_\_t bath *n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
158. vas\_\_\_\_\_ion of blood vessels *n.* the widening or expansion of blood vessels, particularly the arteries, which leads to an increase in blood flow and a decrease in blood pressure

ANSWERS: 150. mystery, 151. strengthen, 152. adjacent, 153. fiber, 154. replace, 155. proliferate, 156. deposit, 157. sweat, 158. vasodilation

ANSWERS:

## Session 3: Fill in the Blanks

1. These articles cite five \_\_\_\_\_ of climate change.  
*n.* a particular example or single occurrence of something
2. The nurse applied pressure to the wound to ensure \_\_\_\_\_ before stitching it up.  
*n.* the natural process or medical technique of stopping or controlling bleeding, usually achieved through various mechanisms such as blood vessel constriction, blood clotting, or surgical procedures
3. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.  
*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
4. The \_\_\_\_\_ activity in the human body plays a crucial role in the immune response by engulfing harmful pathogens.  
*n.* a type of cell in the immune system that is capable of engulfing or absorbing foreign, harmful particles or microorganisms to protect the body from infection or disease
5. Even after the wound has healed, a \_\_\_\_\_ remains.  
*n.* a mark that remains on the skin after a wound has healed
6. The brain is an incredibly complex organ that controls the body's \_\_\_\_\_.  
*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 1. instances, 2. hemostasis, 3. liver, 4. phagocyte, 5. scar, 6. function

7. The mobile application industry is \_\_\_\_\_ changing.  
*adv.* all the time
8. She received special \_\_\_\_\_ training at the hospital.  
*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
9. She wiped the \_\_\_\_\_ off her forehead with a towel.  
*n.* the salty liquid that is produced by the glands in the skin, especially when the body is hot or under stress
10. The \_\_\_\_\_ mountains make the city difficult to be invaded.  
*adj.* that is near or around, or closely encircling something
11. The \_\_\_\_\_ of the drought was a major concern for farmers.  
*n.* the quality or condition of being severe, strict, or harsh
12. She \_\_\_\_\_ confidently across the stage to accept her award.  
*v.* to walk with long steps in a particular direction; (noun) an important and positive progress
13. We are \_\_\_\_\_ these rooms now.  
*v.* to change the structure or form of something
14. I made a \_\_\_\_\_ at the bank to add money to my account.  
*n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 7. constantly, 8. clinical, 9. sweat, 10. surrounding, 11. severity, 12. strides, 13. remodeling, 14. deposit

15. The \_\_\_\_\_ in the blood vessel required immediate medical attention.
- n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
16. Our natural \_\_\_\_\_ production decreases as we age, leading to wrinkles, sagging skin, and joint pain.
- n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
17. The police placed a \_\_\_\_\_ across the street to halt traffic.
- n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
18. We must consume dietary \_\_\_\_\_ to maintain good health.
- n.* thread or filament used to make a vegetable tissue, mineral material, or textile
19. This company \_\_\_\_\_ its battery problem completely.
- v.* to find a suitable answer to the problems or difficulty
20. Our country has military alliances with \_\_\_\_\_ countries.
- adj.* next to, close to, or adjoining something
21. \_\_\_\_\_ cells play an important role in tissue repair and regeneration.
- n.* a type of cell in connective tissue that produces and maintains the extracellular matrix, which provides support and structure to tissues and organs
22. Difficulties \_\_\_\_\_ the mind, as labor does the body.
- v.* to become stronger or more effective; to make someone or something stronger or more effective

ANSWERS: 15. clot, 16. collagen, 17. barrier, 18. fiber, 19. resolves, 20. adjacent, 21. Fibroblast, 22. strengthen

23. X-rays revealed a small tumor in his \_\_\_\_\_.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
24. Can you \_\_\_\_\_ 123321 by eleven?
- v.* to separate or cause to separate into parts or groups
25. 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
26. The doctor applied \_\_\_\_\_ sealant to help the wound heal and prevent infection.
- n.* a fibrous protein involved in the clotting of blood, forming a mesh-like network of fibers to create a blood clot and stop bleeding, and also plays a role in wound healing and other biological processes
27. The \_\_\_\_\_ arrived in port the following day.
- n.* a ship or large boat
28. I want to \_\_\_\_\_ my sadness into strength.
- v.* to have a talk with someone; (adjective) reversed in order, relation, or action
29. The \_\_\_\_\_ layer contains nerve endings, which enable us to feel sensations such as pressure and pain.
- n.* the layer of skin beneath the epidermis that contains blood vessels, nerves, and connective tissue
30. The adrenal \_\_\_\_\_ produce steroids.
- n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

ANSWERS: 23. brain, 24. divide, 25. protein, 26. fibrin, 27. vessel, 28. convert, 29. dermis, 30. glands

31. Bananas have their \_\_\_\_\_ taste and odor.
- n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
32. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
33. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
34. In \_\_\_\_\_ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
35. Eventually, the new design will \_\_\_\_\_ all older models.
- v.* to take the place of something
36. Keratosis is a skin condition characterized by the formation of excess \_\_\_\_\_ on the skin's surface
- n.* a fibrous protein that is the main structural component of hair, nails, and the outer layer of skin in mammals and birds; also found in horns, hooves, and feathers
37. The \_\_\_\_\_ of the CEO was crucial in determining the company's guilt.
- n.* the process of obtaining testimony from a witness or a party to a lawsuit outside of the courtroom; the act of removing or displacing someone from a position of power or authority; the process of laying down a substance or material in a particular place or on a particular surface, such as sedimentary rock formation

ANSWERS: 31. characteristic, 32. Bacteria, 33. structure, 34. addition, 35. replace, 36. keratin, 37. deposition



38. The engineer tested the \_\_\_\_\_ strength of the metal to determine its durability.

*adj.* relating to the ability of a material or structure to stretch or bend without breaking or losing its shape; having great strength or flexibility under tension

39. He suffers from \_\_\_\_\_ breakdowns.

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

40. We can resolve support requests quickly and \_\_\_\_\_ by utilization of AI.

*adv.* in a way that produces maximum output with minimum effort or expense

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

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

42. 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

43. Health and \_\_\_\_\_ are, above all, gold.

*n.* the quality or state of being physically, or sometimes mentally, strong

44. 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

45. The company signed a \_\_\_\_\_ with the supplier for the delivery of goods.

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

ANSWERS: 38. tensile, 39. nervous, 40. efficiently, 41. inflammation, 42. improvisation, 43. strength, 44. threat, 45. contract

46. It will take time for her mental scars to \_\_\_\_\_.
- v.* to make a wound or injury to become well again
47. Cancer cells can evade the immune system's detection by avoiding interactions with \_\_\_\_\_.
- n.* a large white blood cell that helps to engulf and destroy foreign objects or materials in the body, such as bacteria or cancer cells
48. The government is proposing a \_\_\_\_\_ to the healthcare system to make it more accessible and affordable for all citizens.
- n.* the act of improving or correcting something that is wrong or bad; a change made to correct a flaw or problem
49. Excessive exposure to UV radiation harms the \_\_\_\_\_ and increases the risk of skin cancer.
- n.* the outermost layer of skin, composed of flat, scale-like cells that provide a protective barrier against external substances and help regulate body temperature
50. The new polymer material is designed to \_\_\_\_\_ more efficiently, improving its strength and durability.
- v.* to chemically or molecularly link two or more substances or molecules together; to connect or fuse different parts or components into a unified whole; (noun) a bond or connection between two or more molecules or parts of a molecule that results in the formation of a three-dimensional network or structure
51. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n.* a bacterium, virus, or other microorganism that causes disease

ANSWERS: 46. heal, 47. macrophages, 48. reform, 49. epidermis, 50. crosslink, 51. pathogens

52. Each ancient tribe has its \_\_\_\_\_ traditions.
- n.* the process of becoming or making somebody or something well again
53. Please \_\_\_\_\_ these files as we start a new project tomorrow.
- v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
54. She \_\_\_\_\_ the mystery novel in one sitting.
- v.* to eat or consume something eagerly or ravenously; or to destroy something rapidly
55. There was no \_\_\_\_\_ between their proposals.
- v.* to partially cover something by going beyond its edge
56. The incident \_\_\_\_\_ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
57. They never \_\_\_\_\_ on development despite the lack of funds.
- v.* to settle a problem or disagreement by mutual concession
58. The \_\_\_\_\_ surrounding the disappearance of the traveler has yet to be solved by authorities.
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
59. The dam systematically releases large amounts of water to \_\_\_\_\_ flooding during the rainy season
- v.* to prevent something dangerous or undesirable from happening

ANSWERS: 52. healing, 53. rearrange, 54. devoured, 55. overlap, 56. triggered, 57. compromised, 58. mystery, 59. avert

60. Human behavior has \_\_\_\_\_ characteristics.

*adj.* forming an essential base or core from which everything else develops or is affected

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

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

62. The snake's muscles began to \_\_\_\_\_ around its prey.

*v.* to make something narrow or tight, often restricting movement or flow; to become narrow or tighter

63. Warm temperatures can cause \_\_\_\_\_ resulting in a feeling of warmth in the body.

*n.* the widening or expansion of blood vessels, particularly the arteries, which leads to an increase in blood flow and a decrease in blood pressure

64. 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

65. I have to \_\_\_\_\_ my passport by the middle of September.

*v.* to begin or resume something again after an interruption

66. 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: 60. fundamental, 61. expand, 62. constrict, 63. vasodilation, 64. process, 65. renew, 66. damage

67. The national election was held amid \_\_\_\_\_ security.

*adj.* fixed, fastened, or kept together firmly or closely

68. I bought a gadget before my trip to help \_\_\_\_\_ stress during the flight.

*v.* to make something, especially something bad, small or less serious

69. After years of hard work, he finally \_\_\_\_\_ his financial stability.

*v.* to get something back or recover something after it has been lost or taken away

70. This examination \_\_\_\_\_ of five problems to solve.

*v.* to be composed or made up of

71. They took the \_\_\_\_\_ step toward reconciliation.

*adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name

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

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

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

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

74. The threat of losing his job was the \_\_\_\_\_ he needed to work harder.

*n.* a thing that encourages someone to do something; any sharply pointed projection; (verb) to incite or stimulate someone or something

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

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

ANSWERS: 67. tight, 68. minimize, 69. regained, 70. consists, 71. initial, 72. recovering, 73. immediate, 74. spur, 75. tissue

76. 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

77. The number of COVID cases continued to \_\_\_\_\_ in many countries worldwide.

*v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner

78. The body responds to cold temperatures through \_\_\_\_\_ to preserve heat.

*n.* the narrowing or constriction of blood vessels, particularly the contraction of smooth muscles in the vessel walls, which can result in reduced blood flow

79. Western ideology slowly \_\_\_\_\_ through the eastern countries.

*v.* to pass into or through something, often by overcoming resistance

ANSWERS: 76. specific, 77. proliferate, 78. vasoconstriction, 79. penetrates