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Vocabulary Builder Reference from...

Amber M. Yates: How this disease changes the shape of your cells | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

squishy

adj. soft and yielding to the touch; easily deformed

synonym: soft, spongy, mushy

(1) **squishy** texture, (2) a **squishy** story

The **squishy** foam ball is perfect for squeezing to relieve stress.

cylinder

n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this

(1) a six- **cylinder** engine, (2) a ventilation **cylinder**

The gas was trapped inside the **cylinders** under high pressure.

jagged

adj. having a rough and sharply uneven surface or outline

synonym: bumpy, irregular, craggy

(1) **jagged** edges, (2) the **jagged** outline of the crags

There are several **jagged** limestone peaks throughout the mountains.

zigzag

adj. having short sharp turns or angles

synonym: bent, crinkled, crooked

(1) **zigzag** sewing machine, (2) a **zigzag** line

We had to go through a **zigzag** course.

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

consequence

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

synonym: result, impact, outcome

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

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

adaptation

n. the action or process of changing to suit different conditions

synonym: adaption, adjustment, transformation

(1) **adaptation** ability, (2) language **adaptation**

The company's **adaptation** approach has been highly effective.

spark

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

synonym: start, inspire, provoke

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

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

cascade

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

synonym: waterfall, watercourse, step

(1) **cascade** connection, (2) transistor **cascade**

The **cascade** of waterfalls in the national park was a breathtaking sight.

debilitating

adj. weakening or damaging; causing a loss of strength, energy, or success

synonym : weakening, exhausting

(1) **debilitating** virus, (2) **debilitating** effect

His **debilitating** illness made it difficult for him to leave the house.

complication

n. something that makes a situation or condition that is complex or confused

synonym : confusion, complexity, difficulty

(1) **complication** of structure, (2) resolve without **complication**

He also continued to struggle with serious long-term **complications**.

sickle

n. a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death

synonym : scythe, crescent, cutter

(1) **sickle-shaped** moon, (2) harvest **sickle**

The blade of the **sickle** glinted in the sunlight as he swung it back and forth.

disease

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

synonym : illness, ailment, affliction

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

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

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym : shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

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.

lung

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

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

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.

vital

adj. necessary for the success or continued existence of something

synonym: critical, crucial, invigorating

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

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

hemoglobin

n. a protein-based molecule found in red blood cells that transports oxygen throughout the body

synonym: red cell pigment, oxygen carrier

(1) **hemoglobin** level, (2) abnormal **hemoglobin**

The **hemoglobin** gene mutation can cause genetic disorders such as sickle cell disease.

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.

molecule

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

synonym : particle, element, atom

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

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

independence

n. freedom from another's or others' control or influence

synonym : freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

pliable

adj. flexible; easy to bend without breaking or cracking

synonym : flexible, bendable, malleable

(1) **pliable** dough, (2) keep the skin **pliable**

Certain types of plastic become **pliable** when heated.

dough

n. a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

synonym : flour, mix

(1) work **dough**, (2) **dough** for pastry

She mixed flour, yeast, sugar, and water to make **dough** for the bread.

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym : adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

accommodate

v. to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose

synonym : house, rent, adjust

(1) **accommodate** a person with money, (2) **accommodate** these needs

This large SUV **accommodates** eight people.

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.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

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.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO₂ into the air

The animal rights group worked to **release** the dolphins back into the wild.

rigid

adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

synonym : strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

row

n. an arrangement of objects or people side by side in a line

synonym : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

rod

n. a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment

synonym : stick, wand, staff

(1) **rod** cell, (2) curtain **rod**

He used a fishing **rod** to catch the biggest fish of the day.

deform

v. to change or distort the shape or appearance of something; to become misshapen or distorted

synonym : distort, contort, mangle

(1) **deform** the shape, (2) **deform** his way of life

The heat from the fire **deformed** the plastic parts of the appliance.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym : adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

snag

n. an unexpected or unforeseen obstacle, disadvantage, or problem; (verb) to catch or tear something on a sharp projection

synonym : barrier, difficulty, hitch

(1) encounter a big **snag**, (2) **snag** her stockings

Another **snag** to quantum computers is a large amount of noise added from the outside.

pile *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
synonym: accumulation, heap, stack
(1) a sand **pile**, (2) the height of a **pile**
After the party, they had to clean up **piles** of dirty dishes.

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.

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.

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.

episode *n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
synonym: event, chapter, seizure
(1) end of the first **episode**, (2) **episode** of vertigo

I want to put that **episode** of my life behind me.

stab

v. to cause harm with a sharp, pointed object, such as a knife

synonym: poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest
He was **stabbed** many times with scissors.

locate

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

synonym: discover, find, place

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

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.

determinant

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

synonym: cause, factor, element

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

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

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.

spleen

n. a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration

synonym : lien, irascibility, temper

(1) **spleen** function, (2) enlarged **spleen**

The doctor explained that the pain in her abdomen was caused by **spleen** inflammation.

immune

adj. protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

synonym : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

infection

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

synonym : contagion, disease, transmission

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

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

difficulty

n. a condition or state that causes problems

synonym : hardship, complication, problem

(1) the degree of **difficulty**, (2) **difficulty** in breathing

He has **difficulty** exercising because of a back injury sustained in an accident.

vision

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

synonym : sight, image, concept

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

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

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

detachment

n. a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently

synonym: separation, aloofness, indifference

(1) **detachment** from reality, (2) emotional **detachment**

The **detachment** of the soldiers was evident as they carried out their mission with precision and focus.

obstruct

v. to block or interfere with the passage, movement, or action of something or someone

synonym: block, impede, hinder

(1) **obstruct** an airway, (2) **obstruct** a bill

The road was blocked by a fallen tree, **obstructing** the path for all vehicles.

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**.

stroke

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

synonym: blow

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

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

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.

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym : duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

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.

deplete

v. to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials

synonym : exhaust, consume, use up

(1) **deplete** customer confidence, (2) **deplete** glycogen stores

If we continue to **deplete** the Earth's natural resources, we will cause severe damage to the environment.

anemia

n. a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something

synonym : bloodlessness, pallor, weakness

(1) **anemia** symptoms, (2) **anemia** disease

The doctor diagnosed the patient with **anemia** due to a lack of iron in their blood.

malignant

adj. having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly

synonym: evil, harmful, cancerous

(1) **malignant** tumor, (2) **malignant** growth

The doctors found **malignant** cells in the patient's biopsy, indicating a severe illness.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

evolve

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

synonym: develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

beneficial

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

synonym: useful, advantageous, fruitful

(1) a **beneficial** result, (2) **beneficial** to all countries

Laughing is **beneficial** to our health.

trace

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

synonym: seek, follow, depict

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

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

historic

adj. famous or significant in history, or potentially so

synonym: memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat

The Chinese people have accomplished several **historic** feats.

ravage

v. to cause damage to something badly

synonym: devastate, ruin, destroy

(1) **ravage** a country, (2) **ravage** the brain

A large fire **ravaged** the forest.

malaria

n. a severe disease caused by a parasite that is spread by the bite of an infected mosquito

(1) **malaria** mosquitoes, (2) **malaria-endemic** area

Many people in tropical countries die from **malaria** every year.

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

mosquito

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym: insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

incubator

n. an apparatus in which conditions are controlled for hatching eggs, growing cells, or keeping people or animals warm; a place, especially with support staff and equipment, offered at a low cost to new small businesses

synonym: hatchery, brooder, nursery

(1) infant **incubator**, (2) business **incubator** program

The eggs were placed in an artificial **incubator** to ensure proper hatching conditions.

lethal

adj. causing or capable of causing death; extremely dangerous

synonym : destructive, fatal, brutal

(1) **lethal** injection, (2) **lethal** weapon

Malignant hypertension is the most **lethal** form of hypertension.

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**.

structural

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

synonym : architectural, basic, anatomical

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

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

roadblock

n. a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective

synonym : obstacle, barrier, blockade

(1) biological **roadblock**, (2) bypass **roadblock**

The accident caused a **roadblock** on the highway, causing traffic to come to a standstill.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym : unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to insecticides.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

abnormal

adj. not typical, usual, or regular, especially in a way that is bad

synonym: aberrant, bizarre, unusual

(1) **abnormal** heart rhythms, (2) **abnormal** cells

An **abnormal** climate in the region caused a sharp decline in grain harvest.

retain

v. to keep or continue to possess or maintain something

synonym: possess, hold, keep on

(1) **retain** information, (2) **retain** a lawyer

Computers help people **retain** specific memories.

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**.

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**.

rife

adj. full of, abundant with, or commonly present or encountered, often used to describe something undesirable or harmful

synonym: prevalent, abundant, widespread

(1) **rife** with rumors, (2) **rife** with uncertainty

Misinformation is **rife** on social media platforms.

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

advantage

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

synonym : benefit, edge, asset

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

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

flourish

v. to grow or develop vigorously or successfully

synonym : boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

ancestry

n. the family or the ethnic descent that you come from

synonym : ancestor, family, descent

(1) a distinguished **ancestry**, (2) prehuman **ancestry**

He looked down on the royal **ancestry** of the neighboring country.

endemic

adj. (of a disease or other problem) regularly found among particular people or in a certain area

synonym : prevalent, widespread, native

(1) **endemic** disease, (2) cholera- **endemic** area

Malaria is **endemic** in many tropical countries.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

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

thrive

v. to grow vigorously; to make steady progress
synonym: bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure
Without investment, a business cannot **thrive**.

improve

v. to make or become better
synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score
We want to **improve** ties between our two countries.

hydroxyurea

n. a medication used to treat certain types of cancer and blood disorders by slowing down or stopping the growth of abnormal cells in the body

synonym: anticancer, cytotoxic, chemotherapy agent

(1) **hydroxyurea** treatment, (2) **hydroxyurea** dosage
The doctor prescribed **hydroxyurea** to help reduce the frequency of painful episodes for the patient.

medication

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

synonym: cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth
The pharmacist not only prescribes the **medication** but also guides its proper use.

blunt

adj. having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive

synonym: dull, obtuse, insensitive

(1) **blunt** criticism, (2) **blunt** force
The **blunt** knife made it difficult to cut through the tough steak.

marrow

n. a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

synonym : bone marrow, pith, center

(1) the **marrow** of a speech, (2) vegetable **marrow**

The soup was made with bone **marrow**, giving it a rich and savory flavor.

transplant

v. to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

synonym : relocate, emigrate, graft

(1) **transplant** a heart, (2) **transplant** my family to America

He tried to **transplant** the seedling into a larger pot.

curative

adj. having the power to cure or heal; relating to or intended for medical treatment or healing

synonym : healing, therapeutic, medicinal

(1) **curative** treatment, (2) **curative** effect

The natural hot springs were said to have **curative** properties for those with sore muscles and joints.

procedure

n. a way of doing something, especially the official or well-known way

synonym : action, approach, course

(1) undergo a surgical **procedure**, (2) standard **procedure**

The pilot and flight attendant ran through the check-out **procedure**.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

inaccessible

adj. unable to travel to or reach; not available
synonym : inapproachable, unreachable, remote

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

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

intervene

v. to intentionally get involved in a situation to improve it or prevent it from getting worse

synonym : interfere, mediate, intercede

(1) **intervene** in a dispute, (2) **intervene** between quarreling parties

Following international law, our country does not **intervene** in the internal affairs of our neighbors.

novel

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

synonym : fiction, story, (adjective) innovative

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

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

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym : bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

edit

v. to prepare written material for publication by correcting, condensing, or otherwise modifying it

synonym : revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video

I need to **edit** this document before submitting it to my boss.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

adverse

adj. unfavorable or harmful

synonym: hostile, detrimental, unfavorable

(1) **adverse** circumstances, (2) **adverse** reaction

The **adverse** weather conditions forced us to cancel the outdoor event.

Session 2: Spelling

- | | |
|------------------------------------|---|
| 1. li_____an retrieval curve | <i>n.</i> the length of time for which a person, animal lives, or thing exists |
| 2. become increasingly com_____ed | <i>adj.</i> involving a lot of different things or parts in a way that is difficult to understand or analyze |
| 3. tr__e back to medieval times | <i>v.</i> to find or discover someone or something that was lost |
| 4. deb_____ing virus | <i>adj.</i> weakening or damaging; causing a loss of strength, energy, or success |
| 5. telescopic vi____n | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see |
| 6. st____y weather | <i>adj.</i> made of or covered with an adhesive substance; hot or warm and humid |
| 7. biological ro_____ck | <i>n.</i> a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective |
| 8. ada_____on ability | <i>n.</i> the action or process of changing to suit different conditions |
| 9. pl_____e dough | <i>adj.</i> flexible; easy to bend without breaking or cracking |
| 10. acc_____te a person with money | <i>v.</i> to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose |

ANSWERS: 1. lifespan, 2. complicated, 3. trace, 4. debilitating, 5. vision, 6. sticky, 7. roadblock, 8. adaptation, 9. pliable, 10. accommodate

11. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
12. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
13. 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
14. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
15. im_____e the test score *v.* to make or become better
16. im_____e a process *v.* to make or become better
17. n__m of action *n.* something that is regarded as usual, typical, or standard
18. an___a disease *n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
19. st___y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
20. su___r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
21. 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

ANSWERS: 11. infection, 12. disease, 13. clog, 14. inherit, 15. improve, 16. improve, 17. norm, 18. anemia, 19. sticky, 20. suffer, 21. function

22. end of the first ep____e *n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
23. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
24. harvest si____e *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
25. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
26. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
27. med____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
28. su____r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
29. mo____to repellent *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
30. the ja____d outline of the crags *adj.* having a rough and sharply uneven surface or outline

ANSWERS: 22. episode, 23. specific, 24. sickle, 25. lung, 26. disease, 27. medication, 28. suffer, 29. mosquito, 30. jagged

31. tr__e a telephone call
v. to find or discover someone or something that was lost
32. infant in_____or
n. an apparatus in which conditions are controlled for hatching eggs, growing cells, or keeping people or animals warm; a place, especially with support staff and equipment, offered at a low cost to new small businesses
33. fl_____sh worldwide
v. to grow or develop vigorously or successfully
34. sp__k his interest
v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
35. tra_____nt a heart
v. to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
36. the height of a p__e
n. a collection of objects positioned one on top of another; a large sum of something, such as money
37. suffer st___e
n. a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
38. loss of muscle ti___e
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
39. mic_____ic inquiry
adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 31. trace, 32. incubator, 33. flourish, 34. spark, 35. transplant, 36. pile, 37. stroke, 38. tissue, 39. microscopic

40. fl____le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
41. sp____n function *n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
42. score an ad____ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
43. com____ion of structure *n.* something that makes a situation or condition that is complex or confused
44. vegetable ma____w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
45. racial or____n *n.* the first existence or beginning of something
46. bl__t force *adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive
47. r_d cell *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
48. do__h for pastry *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

ANSWERS: 40. flexible, 41. spleen, 42. advantage, 43. complication, 44. marrow, 45. origin, 46. blunt, 47. rod, 48. dough

49. re___n a lawyer *v.* to keep or continue to possess or maintain something
50. blo_____am to the brain *n.* the blood flowing through the body
51. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line
52. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
53. 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
54. ja___d edges *adj.* having a rough and sharply uneven surface or outline
55. ra___e a country *v.* to cause damage to something badly
56. in_____ne in a dispute *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
57. language ada_____on *n.* the action or process of changing to suit different conditions
58. de___m his way of life *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
59. or___n of information *n.* the first existence or beginning of something
60. fo_____te situation *adj.* having good luck or lucky
61. blood-sucking pa_____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

ANSWERS: 49. retain, 50. bloodstream, 51. row, 52. molecule, 53. structure, 54. jagged, 55. ravage, 56. intervene, 57. adaptation, 58. deform, 59. origin, 60. fortunate, 61. parasite

62. undergo a surgical pr_____re *n.* a way of doing something, especially the official or well-known way
63. 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
64. the ma____w of a speech *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
65. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
66. s__g her stockings *n.* an unexpected or unforeseen obstacle, disadvantage, or problem; (verb) to catch or tear something on a sharp projection
67. ina_____ble to an unauthorized user *adj.* unable to travel to or reach; not available
68. ind_____nce ceremony *n.* freedom from another's or others' control or influence
69. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
70. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
71. in_____t estate *v.* to receive money, property, or a title from someone after they have died

ANSWERS: 62. procedure, 63. protein, 64. marrow, 65. transport, 66. snag, 67. inaccessible, 68. independence, 69. determinant, 70. genetic, 71. inherit

72. cu____ve effect *adj.* having the power to cure or heal; relating to or intended for medical treatment or healing
73. naval ve____ls *n.* a ship or large boat
74. lo____e a tumor *v.* to specify or determine the exact position of someone or something
75. deb____ing effect *adj.* weakening or damaging; causing a loss of strength, energy, or success
76. cholera-en____c area *adj.* (of a disease or other problem) regularly found among particular people or in a certain area
77. mic____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
78. a con____ly varying mind *adv.* all the time
79. 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
80. zi____g sewing machine *adj.* having short sharp turns or angles
81. a st____e of the putter *n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

ANSWERS: 72. curative, 73. vessel, 74. locate, 75. debilitating, 76. endemic, 77. microscopic, 78. constantly, 79. function, 80. zigzag, 81. stroke

82. bl__t criticism *adj.* having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive
83. hyd_____ea treatment *n.* a medication used to treat certain types of cancer and blood disorders by slowing down or stopping the growth of abnormal cells in the body
84. business in_____or program *n.* an apparatus in which conditions are controlled for hatching eggs, growing cells, or keeping people or animals warm; a place, especially with support staff and equipment, offered at a low cost to new small businesses
85. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
86. cu_____ve treatment *adj.* having the power to cure or heal; relating to or intended for medical treatment or healing
87. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
88. lo_____e a missing pet *v.* to specify or determine the exact position of someone or something
89. a ventilation cy_____er *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
90. ina_____ble areas *adj.* unable to travel to or reach; not available

ANSWERS: 82. blunt, 83. hydroxyurea, 84. incubator, 85. molecule, 86. curative, 87. determinant, 88. locate, 89. cylinder, 90. inaccessible

91. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
92. acc_____te these needs *v.* to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose
93. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
94. curtain r_d *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
95. a six-cy_____er engine *n.* a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this
96. 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
97. cultural n__m *n.* something that is regarded as usual, typical, or standard
98. work do__h *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
99. 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

ANSWERS: 91. specific, 92. accommodate, 93. consequence, 94. rod, 95. cylinder, 96. protein, 97. norm, 98. dough, 99. oxygen

100. ri__d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
101. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
102. prehuman an____ry *n.* the family or the ethnic descent that you come from
103. th___e on pressure *v.* to grow vigorously; to make steady progress
104. ma_____nt tumor *adj.* having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
105. b__d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
106. bypass ro_____ck *n.* a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective
107. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
108. ob_____ct a bill *v.* to block or interfere with the passage, movement, or action of something or someone
109. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 100. rigid, 101. retina, 102. ancestry, 103. thrive, 104. malignant, 105. bond, 106. roadblock, 107. survive, 108. obstruct, 109. evolve

110. a distinguished an_____ry *n.* the family or the ethnic descent that you come from
111. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
112. de_____e customer confidence *v.* to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials
113. de____m the shape *v.* to change or distort the shape or appearance of something; to become misshapen or distorted
114. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
115. en_____c disease *adj.* (of a disease or other problem) regularly found among particular people or in a certain area
116. transistor ca_____e *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
117. ma_____a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
118. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
119. de_____e glycogen stores *v.* to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials

ANSWERS: 110. ancestry, 111. resistant, 112. deplete, 113. deform, 114. consequence, 115. endemic, 116. cascade, 117. malaria, 118. novel, 119. deplete

120. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
121. le___l weapon *adj.* causing or capable of causing death; extremely dangerous
122. historical no___l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
123. play a vi___l role *adj.* necessary for the success or continued existence of something
124. blood ve___ls *n.* a ship or large boat
125. sp___k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
126. keep the skin pl_____e *adj.* flexible; easy to bend without breaking or cracking
127. e___t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
128. 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
129. criminal on death r_w *n.* an arrangement of objects or people side by side in a line
130. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
131. 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

ANSWERS: 120. complicated, 121. lethal, 122. novel, 123. vital, 124. vessel, 125. spark, 126. pliable, 127. edit, 128. symptom, 129. row, 130. evolutionary, 131. clog

132. str_____al reorganization *adj.* associated with the way on construction or organization of anything
133. sq_____y texture *adj.* soft and yielding to the touch; easily deformed
134. ev____e *v.* to develop gradually, or to cause the development of something or someone gradually
135. encounter a big s__g *n.* an unexpected or unforeseen obstacle, disadvantage, or problem; (verb) to catch or tear something on a sharp projection
136. ben_____al to all countries *adj.* helpful, useful, or sound; promoting or enhancing well-being
137. ab_____al cells *adj.* not typical, usual, or regular, especially in a way that is bad
138. re_____e a prisoner *v.* to set free or allow to escape from confinement
139. enlarged sp____n *n.* a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
140. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
141. ab_____al heart rhythms *adj.* not typical, usual, or regular, especially in a way that is bad
142. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 132. structural, 133. squishy, 134. evolve, 135. snag, 136. beneficial, 137. abnormal, 138. release, 139. spleen, 140. transport, 141. abnormal, 142. brain

143. su____e a plane crash *v.* to live or exist despite a dangerous event or period
144. the cell of the im___e system *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
145. 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
146. re___n information *v.* to keep or continue to possess or maintain something
147. financial ind_____nce *n.* freedom from another's or others' control or influence
148. re____e CO2 into the air *v.* to set free or allow to escape from confinement
149. dif_____ty in breathing *n.* a condition or state that causes problems
150. antibiotic med_____on *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
151. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
152. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
153. vi__l for a healthy society *adj.* necessary for the success or continued existence of something
154. ma_____nt growth *adj.* having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly

ANSWERS: 143. survive, 144. immune, 145. symptom, 146. retain, 147. independence, 148. release, 149. difficulty, 150. medication, 151. lifespan, 152. vision, 153. vital, 154. malignant

155. pa____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
156. resolve without com_____ion *n.* something that makes a situation or condition that is complex or confused
157. le___l injection *adj.* causing or capable of causing death; extremely dangerous
158. e__t a video *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
159. ep_____e of vertigo *n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness
160. mu_____on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
161. a zi___g line *adj.* having short sharp turns or angles
162. take ad_____ge of his weak points *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
163. 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
164. global b__d market *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

ANSWERS: 155. parasite, 156. complication, 157. lethal, 158. edit, 159. episode, 160. mutation, 161. zigzag, 162. advantage, 163. oxygen, 164. bond

165. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
166. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
167. im_____e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
168. r___e with rumors *adj.* full of, abundant with, or commonly present or encountered, often used to describe something undesirable or harmful
169. s__b in the chest *v.* to cause harm with a sharp, pointed object, such as a knife
170. fl_____sh economically *v.* to grow or develop vigorously or successfully
171. 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
172. standard pr_____re *n.* a way of doing something, especially the official or well-known way
173. det_____nt from reality *n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently
174. a ben_____al result *adj.* helpful, useful, or sound; promoting or enhancing well-being

ANSWERS: 165. flexible, 166. possibility, 167. immune, 168. rife, 169. stab, 170. flourish, 171. structure, 172. procedure, 173. detachment, 174. beneficial

175. an___a symptoms *n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
176. pos_____ty for growth *n.* a chance that something may happen or be true
177. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
178. in_____ne between quarreling parties *v.* to intentionally get involved in a situation to improve it or prevent it from getting worse
179. 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
180. ca_____e connection *n.* a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units
181. emotional det_____nt *n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently
182. mo_____to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

ANSWERS: 175. anemia, 176. possibility, 177. tissue, 178. intervene, 179. patient, 180. cascade, 181. detachment, 182. mosquito

183. less fo_____te person *adj.* having good luck or lucky
184. abnormal hem_____in *n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body
185. ad_____e circumstances *adj.* unfavorable or harmful
186. the degree of dif_____ty *n.* a condition or state that causes problems
187. ra____e the brain *v.* to cause damage to something badly
188. str_____al analyses *adj.* associated with the way on construction or organization of anything
189. ri__d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
190. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
191. th____e in a society *v.* to grow vigorously; to make steady progress
192. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
193. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
194. blo_____am in an artery *n.* the blood flowing through the body

ANSWERS: 183. fortunate, 184. hemoglobin, 185. adverse, 186. difficulty, 187. ravage, 188. structural, 189. rigid, 190. brain, 191. thrive, 192. resistant, 193. stem, 194. bloodstream

195. ma____a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
196. achieve the hi____ic feat *adj.* famous or significant in history, or potentially so
197. si____e-shaped moon *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
198. ob____ct an airway *v.* to block or interfere with the passage, movement, or action of something or someone
199. a sand p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
200. treat the in____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
201. hereditary mu____on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
202. a con____ly innovative enterprise *adv.* all the time
203. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
204. the evo____ary process *adj.* relating to or denoting how living things develop or change from earlier forms

ANSWERS: 195. malaria, 196. historic, 197. sickle, 198. obstruct, 199. pile, 200. infection, 201. mutation, 202. constantly, 203. stem, 204. evolutionary

205. s__b at the enemy with a knife *v.* to cause harm with a sharp, pointed object, such as a knife
206. ad____e reaction *adj.* unfavorable or harmful
207. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
208. hi____ic accomplishment *adj.* famous or significant in history, or potentially so
209. 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
210. hyd____ea dosage *n.* a medication used to treat certain types of cancer and blood disorders by slowing down or stopping the growth of abnormal cells in the body
211. a sq____y story *adj.* soft and yielding to the touch; easily deformed
212. hem____in level *n.* a protein-based molecule found in red blood cells that transports oxygen throughout the body
213. r__e with uncertainty *adj.* full of, abundant with, or commonly present or encountered, often used to describe something undesirable or harmful
214. tra____nt my family to America *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

ANSWERS: 205. stab, 206. adverse, 207. lung, 208. historic, 209. patient, 210. hydroxyurea, 211. squishy, 212. hemoglobin, 213. rife, 214. transplant

215. have ge____c testing

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

216. re___a scanner

n. the innermost light-sensitive membrane covering the back wall of the eyeball

ANSWERS: 215. genetic, 216. retina

Session 3: Fill in the Blanks

1. I need to _____ this document before submitting it to my boss.
 - v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

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. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
 - v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

4. I want to put that _____ of my life behind me.
 - n.* a happening or story that is distinctive in a series of related events; an abrupt short period during which someone suffers from the effects of a physical or mental illness

5. There are several _____ limestone peaks throughout the mountains.
 - adj.* having a rough and sharply uneven surface or outline

6. The pharmacist not only prescribes the _____ but also guides its proper use.
 - n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

7. The Ottoman Empire _____ for over five centuries.
 - v.* to grow or develop vigorously or successfully

ANSWERS: 1. edit, 2. protein, 3. sparked, 4. episode, 5. jagged, 6. medication, 7. flourished

8. We want to _____ ties between our two countries.
v. to make or become better
9. The _____ gene mutation can cause genetic disorders such as sickle cell disease.
n. a protein-based molecule found in red blood cells that transports oxygen throughout the body
10. The _____ arrived in port the following day.
n. a ship or large boat
11. If we continue to _____ the Earth's natural resources, we will cause severe damage to the environment.
v. to reduce something, especially supplies of energy, money, etc., by a large amount; to use up resources or materials
12. The blade of the _____ glinted in the sunlight as he swung it back and forth.
n. a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
13. There is nothing more valuable than _____ and freedom.
n. freedom from another's or others' control or influence
14. The doctor prescribed _____ to help reduce the frequency of painful episodes for the patient.
n. a medication used to treat certain types of cancer and blood disorders by slowing down or stopping the growth of abnormal cells in the body
15. He was unpopular because of his _____ adherence to the rules.
adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

ANSWERS: 8. improve, 9. hemoglobin, 10. vessel, 11. deplete, 12. sickle, 13. independence, 14. hydroxyurea, 15. rigid

16. Computers help people _____ specific memories.
v. to keep or continue to possess or maintain something
17. The doctors found _____ cells in the patient's biopsy, indicating a severe illness.
adj. having an evil or harmful nature or effect; cancerous, tending to invade or spread rapidly
18. Following international law, our country does not _____ in the internal affairs of our neighbors.
v. to intentionally get involved in a situation to improve it or prevent it from getting worse
19. Generally speaking, men have a shorter _____ than women.
n. the length of time for which a person, animal lives, or thing exists
20. The road was blocked by a fallen tree, _____ the path for all vehicles.
v. to block or interfere with the passage, movement, or action of something or someone
21. 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
22. The doctor diagnosed the patient with _____ due to a lack of iron in their blood.
n. a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something

ANSWERS: 16. retain, 17. malignant, 18. intervene, 19. lifespan, 20. obstructing, 21. specific, 22. anemia

23. A rose has thorns on its _____.

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

24. Perseverance and optimism are _____ to success.

adj. necessary for the success or continued existence of something

25. He used a fishing _____ to catch the biggest fish of the day.

n. a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment

26. The natural hot springs were said to have _____ properties for those with sore muscles and joints.

adj. having the power to cure or heal; relating to or intended for medical treatment or healing

27. We had to go through a _____ course.

adj. having short sharp turns or angles

28. Enhanced rail _____ is crucial for our business.

n. a system for moving people or products from one location to another using automobiles, roads, and so on

29. He looked down on the royal _____ of the neighboring country.

n. the family or the ethnic descent that you come from

30. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

ANSWERS: 23. stem, 24. vital, 25. rod, 26. curative, 27. zigzag, 28. transportation, 29. ancestry, 30. historic

31. The _____ has largely gotten positive feedback.
- n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
32. The soup was made with bone _____ giving it a rich and savory flavor.
- n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience
33. They had formed a friendship _____.
- n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
34. Laughing is _____ to our health.
- adj.* helpful, useful, or sound; promoting or enhancing well-being
35. 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
36. Misinformation is _____ on social media platforms.
- adj.* full of, abundant with, or commonly present or encountered, often used to describe something undesirable or harmful
37. One of the main _____ of the new product is its increased efficiency.
- n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
38. This large SUV _____ eight people.
- v.* to provide someone with a place to live or to be stored in; to make fit for or to change to suit a new purpose

ANSWERS: 31. novel, 32. marrow, 33. bond, 34. beneficial, 35. clogged, 36. rife, 37. advantages, 38. accommodates

39. Hospitals must meet various standards to prevent nosocomial _____.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
40. _____ algorithms can find ways to optimize that humans do not anticipate.
- adj.* relating to or denoting how living things develop or change from earlier forms
41. He tried to _____ the seedling into a larger pot.
- v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
42. Insects in urban areas are becoming _____ to insecticides.
- adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
43. The vaccination does not necessarily make you completely _____.
- adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
44. Understanding protein folding is a vital step in deciphering the _____ code.
- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
45. Heavy snow made it _____ to go to the mountain village.
- adj.* unable to travel to or reach; not available
46. Damage to the _____ may play a role in the development of glaucoma.
- n.* the innermost light-sensitive membrane covering the back wall of the eyeball

ANSWERS: 39. infections, 40. Evolutionary, 41. transplant, 42. resistant, 43. immune, 44. genetic, 45. inaccessible, 46. retina

47. You can be more _____ and creative in your approach.

adj. able to change or be changed to suit new conditions or situations; able to bend easily

48. Malaria is _____ in many tropical countries.

adj. (of a disease or other problem) regularly found among particular people or in a certain area

49. A large fire _____ the forest.

v. to cause damage to something badly

50. A peculiar _____ material coated the foliage.

adj. made of or covered with an adhesive substance; hot or warm and humid

51. He has terminal _____ cancer.

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

52. The _____ knife made it difficult to cut through the tough steak.

adj. having a dull or rounded edge or point; not sharp; straightforward in speech or manner, often to the point of being rude or insensitive

53. Let's _____ the origins of some familiar foreign words.

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

54. 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

ANSWERS: 47. flexible, 48. endemic, 49. ravaged, 50. sticky, 51. lung, 52. blunt, 53. trace, 54. brain

55. Certain types of plastic become _____ when heated.

adj. flexible; easy to bend without breaking or cracking

56. The gas was trapped inside the _____ under high pressure.

n. a solid or hollow geometric figure with two round ends and long straight sides, or an object shaped like this

57. He was the leader of the demonstrators and spoke out against the war in the front _____.

n. an arrangement of objects or people side by side in a line

58. An _____ climate in the region caused a sharp decline in grain harvest.

adj. not typical, usual, or regular, especially in a way that is bad

59. He has _____ exercising because of a back injury sustained in an accident.

n. a condition or state that causes problems

60. Malignant hypertension is the most _____ form of hypertension.

adj. causing or capable of causing death; extremely dangerous

61. Without investment, a business cannot _____.

v. to grow vigorously; to make steady progress

62. 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

63. Eyeless fish _____ in dark caves.

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

ANSWERS: 55. pliable, 56. cylinders, 57. row, 58. abnormal, 59. difficulty, 60. lethal, 61. thrive, 62. oxygen, 63. evolved

64. Another _____ to quantum computers is a large amount of noise added from the outside.
- n.* an unexpected or unforeseen obstacle, disadvantage, or problem; (verb) to catch or tear something on a sharp projection
65. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
66. His _____ illness made it difficult for him to leave the house.
- adj.* weakening or damaging; causing a loss of strength, energy, or success
67. He was _____ many times with scissors.
- v.* to cause harm with a sharp, pointed object, such as a knife
68. After his death, his sons _____ his business.
- v.* to receive money, property, or a title from someone after they have died
69. 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
70. Tapeworms are _____ that live in the intestines of humans and animals.
- n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
71. She mixed flour, yeast, sugar, and water to make _____ for the bread.
- n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

ANSWERS: 64. snag, 65. norms, 66. debilitating, 67. stabbed, 68. inherited, 69. tissue, 70. parasites, 71. dough

72. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money
73. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
74. The _____ foam ball is perfect for squeezing to relieve stress.
adj. soft and yielding to the touch; easily deformed
75. A stagnant water area are breeding ground for _____.
n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
76. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
77. The doctor explained that the pain in her abdomen was caused by _____ inflammation.
n. a large, blood-rich organ located in the upper left region of the abdomen, known for its role in the immune system, blood storage, and blood filtration
78. Radiation often promotes genetic _____ in plants and animals.
n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
79. The mobile application industry is _____ changing.
adv. all the time

ANSWERS: 72. piles, 73. vision, 74. squishy, 75. mosquitos, 76. disease, 77. spleen, 78. mutations, 79. constantly

80. 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
81. The company's _____ approach has been highly effective.
n. the action or process of changing to suit different conditions
82. The pilot and flight attendant ran through the check-out _____.
n. a way of doing something, especially the official or well-known way
83. These economic activities had disastrous environmental _____.
n. the outcome of a particular action or event, especially relative to an individual
84. 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
85. The earthquake resulted in significant _____ destruction.
adj. associated with the way on construction or organization of anything
86. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
87. He was pretty _____ to pass the exam.
adj. having good luck or lucky

ANSWERS: 80. structure, 81. adaptation, 82. procedure, 83. consequences, 84. function, 85. structural, 86. locate, 87. fortunate

88. This year's extreme heat has resulted in many heat _____ cases.
- n.* a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.
89. Many people in tropical countries die from _____ every year.
- n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
90. The _____ of the soldiers was evident as they carried out their mission with precision and focus.
- n.* a state of being disconnected or disinterested; impartiality or emotional distance; a military unit or formation that separates from a larger force and operates independently
91. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
92. There are various hypotheses concerning the _____ of life.
- n.* the first existence or beginning of something
93. 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
94. The _____ weather conditions forced us to cancel the outdoor event.
- adj.* unfavorable or harmful
95. He did _____ pen-and-ink drawings in just a few days.
- adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 88. stroke, 89. malaria, 90. detachment, 91. determinant, 92. origin, 93. suffers, 94. adverse, 95. complicated

96. Cancer cells are often carried throughout the body by the _____.
- n.* the blood flowing through the body
97. The _____ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true
98. The eggs were placed in an artificial _____ to ensure proper hatching conditions.
- n.* an apparatus in which conditions are controlled for hatching eggs, growing cells, or keeping people or animals warm; a place, especially with support staff and equipment, offered at a low cost to new small businesses
99. These birds can only _____ in temperate climates.
- v.* to live or exist despite a dangerous event or period
100. The heat from the fire _____ the plastic parts of the appliance.
- v.* to change or distort the shape or appearance of something; to become misshapen or distorted
101. 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
102. He also continued to struggle with serious long-term _____.
- n.* something that makes a situation or condition that is complex or confused
103. The accident caused a _____ on the highway, causing traffic to come to a standstill.
- n.* a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective

ANSWERS: 96. bloodstream, 97. possibility, 98. incubator, 99. survive, 100. deformed, 101. patient's, 102. complications, 103. roadblock

104. 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

105. The animal rights group worked to _____ the dolphins back into the wild.

v. to set free or allow to escape from confinement

106. The shape of the DNA _____ is a double helix.

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

107. The _____ of waterfalls in the national park was a breathtaking sight.

n. a small waterfall or series of small waterfalls; a succession of stages or operations or processes or units

108. Inspectors noticed _____ cracks in the submarine's hull.

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 104. symptom, 105. release, 106. molecule, 107. cascade, 108. microscopic