

# Englist.me



## Vocabulary Builder Reference from...

*Nabiha Saklayen: Could you recover from illness ... using your own stem cells? | TED Talk*

[https://www.ted.com/talks/nabiha\\_saklayen\\_could\\_you\\_recover\\_from\\_illness\\_using\\_your\\_own\\_stem\\_cells](https://www.ted.com/talks/nabiha_saklayen_could_you_recover_from_illness_using_your_own_stem_cells)

### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### sink

*v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

*synonym*: descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

### tremble

*v.* to shake slightly in a way that you cannot control, for example, because you are frightened, angry, or excited, or because of illness

*synonym*: shiver, flutter, quaver

(1) **tremble** in fear, (2) **tremble** violently with emotion

When I heard the news, my whole body **trembled** with

excitement.

## drool

- v. to allow saliva to drip or flow out of the mouth involuntarily, usually as a result of excitement, anticipation, or illness; to express excessive admiration or desire for something

*synonym*: slobber, dribble, slaver

(1) **drool** over a dessert, (2) **drool** on a pillow

The baby began to **drool** while teething.

## swallow

- v. to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations

*synonym*: consume, gulp, inhale

(1) **swallow** a handful of pills, (2) a **swallow** tail

I **swallowed** my anger and kept quiet.

## surgeon

- n. a doctor who is trained to perform medical operations that involve cutting open a person's body

*synonym*: sawbones, doctor

(1) an excellent brain **surgeon**, (2) army **surgeon**

He is a skilled **surgeon** that has many years of training and experience.

## 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.

## brand

- n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

*synonym*: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car  
There's a new **brand** of hero in the movies now.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body  
*synonym* : nerve cell

(1) excite the **neurons**, (2) **neuron** cell body  
Our body transfers information along each **neuron** using an electrical impulse.

## 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**.

## on-demand

*adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay  
*synonym* : on-request, as-needed, ad-hoc

(1) **on-demand** transportation, (2) **on-demand** delivery  
Many consumers prefer **on-demand** streaming services over traditional cable TV.

## functional

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service  
*synonym* : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness  
The mobile phone was still **functional** even after being dropped.

## fiction

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true  
*synonym* : fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller

Truth is stranger than **fiction**.

## 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**.

## generate

*v.* to produce or create something; to make offspring by reproduction

*synonym*: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

## 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**.

## unlikely

*adj.* not probable or likely to happen

*synonym*: doubtful, questionable, far-fetched

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

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

## reject

*v.* to refuse to accept, consider, or use something or someone

*synonym*: decline, turn down, repudiate

(1) **reject** the proposal, (2) **reject** all imperfect merchandise

The company **rejected** the job candidate's application due to

a lack of experience.

## breakthrough

*n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

*synonym* : advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

## intersection

*n.* a point where two or more roads, lines, etc., cross each other

*synonym* : crossroad, junction, hub

(1) busy **intersection**, (2) the **intersection** of coordinate axes

Take a right turn at the next **intersection**.

## biology

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

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

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

## laser

*n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

*synonym* : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

## physics

*n.* the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

## absolute

*adj.* perfect or complete or to the most considerable degree possible

*synonym*: complete, infrangible, indisputable

(1) **absolute** loyalty, (2) an **absolute** must

Gandhi had an **absolute** zeal for nonviolence.

## miracle

*n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

*synonym*: wonder, marvel, phenomenon

(1) **miracle** person, (2) economic **miracle**

The doctors said that her recovery was a **miracle**.

## trillion

*n.* the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars

One light year is nearly 6 **trillion** miles.

## synchronicity

*n.* the simultaneous occurrence of seemingly unrelated events that are connected in a meaningful way, suggesting the presence of a deeper, more significant pattern or purpose

*synonym*: coincidence, simultaneity, concurrence

(1) **synchronicity** theory, (2) **synchronicity** effect

The occurrence of events in **synchronicity** is often taken as a sign of divine intervention.

## pump

*v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

*synonym*: drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

## dopamine

*n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension

(1) **dopamine-inhibiting** agent, (2) antagonism of **dopamine**

The drug controls the level of **dopamine** in the brain.

## sag

*v.* to droop or hang down, especially due to a lack of support or the weight of something

*synonym*: droop, slump, bend

(1) **sag** my jaw, (2) **sag** with fatigue

The old mattress **sagged** in the middle, making it uncomfortable to sleep on.

## cartilage

*n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose

*synonym*: connective tissue, gristle, fibrocartilage

(1) **cartilage** damage, (2) nasal **cartilage**

The knee joint is supported by **cartilage**, which helps absorb shock and prevent bone damage.

## tick

*n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

*synonym*: sound, noise, beat

(1) **tick** of the clock, (2) **tick** fever

I always put a **tick** mark next to the items on my grocery list after buying them.

## bomb

*n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

*synonym*: missile, explosive, ammunition

(1) atomic **bombs**, (2) disarm the **bomb**

The use of cluster **bombs** is strictly prohibited by international law.

## diabetes

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

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

My father was tested for **diabetes**.

## pancreas

*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

*synonym*: gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

## unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

## engineer

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

*synonym*: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

## 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.

## relate

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



*synonym* : connect, link, associate

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

He tried to **relate** his experience to the group, but they couldn't understand.

## involve

*v.* to include or affect someone or something as a necessary part of something else

*synonym* : implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

## chemical

*adj.* relating to or connected with chemistry;

*synonym* : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

## 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.

## messy

*adj.* disorganized and untidy

*synonym* : cluttered, disorganized, untidy

(1) **messy** data, (2) **messy** handling

His **messy** bedroom is always a source of frustration for his mother.

## 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.

## random

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

*synonym*: incidental, arbitrary, unanticipated

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

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

## institute

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

*synonym*: academy, university, college

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

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

## bench

*n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

*synonym*: seat, terrace, judiciary

(1) **bench** conference, (2) **bench board**

I sat on the **bench** in the park and enjoyed the beautiful scenery.

## evaluate

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

*synonym*: assess, estimate, consider

(1) **evaluate** the grant proposal, (2) **evaluate** a situation

The meeting aims to **evaluate** possible choices.

## unwanted

*adj.* not wanted or desired

*synonym*: undesired, unneeded

(1) **unwanted** attention, (2) **unwanted** guests

He threw away the **unwanted** items in his closet.

## tedious

*adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature

*synonym* : boring, monotonous, dull

(1) **tedious** task, (2) **tedious** routine

The work of data entry can be **tedious**, but it is important for maintaining accurate records.

## donor

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

*synonym* : contributor, patron, supporter

(1) a transfusion of **donor** blood, (2) an unnamed **donor**

His body rejected the liver of the **donor**.

## immunosuppressant

*n.* a drug that lowers or stops the body's normal immune response

(1) **immunosuppressant** therapy, (2) receive an **immunosuppressant**

We use **immunosuppressants** as an almost last resort for patients with this disease.

## elderly

*adj.* (a polite word for) old

*synonym* : aged, old, senior

(1) a home for the **elderly**, (2) **elderly** woman

The **elderly** woman is quite energetic.

## individual

*n.* a single person or thing, as distinct from a group

*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## 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.

## background

*n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

*synonym*: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

## cofounder

*n.* one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

## unclear

*adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

*synonym*: ambiguous, fuzzy, obscure

(1) an **unclear** match, (2) in no **unclear** terms

It is important not to undertake tasks with **unclear** objectives to improve productivity.

## regardless

*adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties

*synonym*: anyhow, nevertheless, still

(1) **regardless** of the difficulties, (2) **regardless** tread

People can pick out superior products **regardless** of the quality of the advertising.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym*: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## medicinal

*adj.* of or relating to the treatment or cure of disease  
*synonym* : curative, therapeutic, healing

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

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

## affordable

*adj.* not expensive and able to pay  
*synonym* : cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution

The automaker has been providing **affordable** car financing options since last year.

## scalable

*adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands  
*synonym* : expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

## automated

*adj.* carried out by machines or computers to replace or decrease human labor  
*synonym* : computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

## differ

*v.* to be not like someone or something in some way  
*synonym* : vary, diverge, disagree

(1) **differ** from the majority, (2) **differ** according to species

The two products **differed** in their quality and price.

## decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options  
*synonym* : choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action  
She couldn't **decide** whether to order the pizza or the pasta for dinner.

## die-hard

*adj.* (of a person) extremely loyal, dedicated, or enthusiastic; unwilling to give up

*synonym*: dedicated, committed, steadfast

(1) **die-hard** fanatic, (2) **die-hard** militarist

He was a **die-hard** football team fan and never missed a game.

## fan

*n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces

*synonym*: lover, devotee, blade

(1) a film **fan**, (2) engine cooling **fan**

I'm a big **fan** of French food.

## gaze

*v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

*synonym*: stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

## daydreaming

*n.* the act of thinking about something that you would prefer to be doing or have happened to you

*synonym*: reverie, cloud-castle, imagination

(1) stimulate **daydreaming**, (2) the mental process of **daydreaming**

I often waste a lot of time **daydreaming**.

## weird

*adj.* extraordinary, unexpected, or difficult to explain

*synonym*: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

## eventually

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

*synonym*: finally, someday, ultimately

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

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

## universal

*adj.* existing or affecting everywhere or everyone

*synonym*: common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

## lab

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

*synonym*: workshop, laboratory, research chamber

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

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

## dabble

*v.* to engage in an activity in a casual or superficial way; to dip a foot or hand briefly into a liquid

*synonym*: toy with, tinker with, play at

(1) **dabble** in a hobby, (2) **dabble** at French

They often **dabble** in new business ventures but only commit partially.

## amaze

*v.* to fill with wonder, surprise, or admiration

*synonym*: astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

## precise

*adj.* sharply exact or accurate or delimited

*synonym*: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

- stir**
- v. to mix a liquid or substance by using a spoon or something similar; to cause to be agitated, excited, or roused
- synonym* : mix, swirl, provoke
- (1) **stir** a sauce, (2) **stir** up controversy
- Topics related to that war may **stir** up a political hornets' nest.
- contrast**
- v. to put in opposition to show or emphasize differences
- synonym* : differ, vary, counterpoint
- (1) **contrast** with a decade ago, (2) **contrast** two things
- It's intriguing to compare and **contrast** the two authors.
- interval**
- n. a period between two events or times; a short break or pause
- synonym* : break, gap, intermission
- (1) after an **interval** of pause, (2) at regular **intervals**
- For the analysis **interval**, the system remains at a standstill state.
- identify**
- v. to recognize someone or something and say or prove who or what they are
- synonym* : determine, specify, recognize
- (1) **identify** handwriting, (2) **identify** gene sequences
- I will introduce you to how to **identify** the leading causes of the malfunction.
- zap**
- v. to strike, destroy, get rid of, or kill something or someone suddenly and with force
- synonym* : destroy, kill, exterminate
- (1) **zap** a huge target, (2) **zap** bar code
- They provided allies with powerful weapons that could **zap** the enemy from thousands of miles away.
- cassette**
- n. a small, rectangular plastic case containing magnetic tape used to record and playback audio or data on devices such as tape players or recorders; a pre-recorded tape containing music, speech, or other



sound recordings

*synonym*: tape, cartridge, recording

(1) **cassette** tape, (2) **cassette** player

I found an old **cassette** with my favorite songs from the 80s.

**prune**

*n.* a dried plum that has a black, wrinkled appearance;  
(verb) to cut off branches from a tree, bush, or plant,  
especially to encourage growth

*synonym*: (verb) trim, (verb) cut back

(1) **prune** a branch, (2) wrinkle like a **prune**

You should remove the seeds from the **prunes** before cooking.

**stack**

*n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

*synonym*: accumulation, heap, pile

(1) high **stack**, (2) a large **stack** of paper

The earthquake caused a **stack** of lumber to crumble noisily.

**nurse**

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

*synonym*: healthcare worker, caregiver, medic

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

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

**cord**

*n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

*synonym*: wire, cable, string

(1) spinal **cord**, (2) electrical **cord**

Your spinal **cord** is located deep within your body.

**cultivation**

*n.* the process of preparing and using land for growing crops or plants, often involving tilling, fertilizing, and

irrigating the soil; the act of fostering or developing something, such as a skill, talent, or idea

*synonym* : farming, tilling, polish

(1) agricultural **cultivation**, (2) land **cultivation**

The **cultivation** of crops is a vital part of agriculture in many countries.

## medical

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

*synonym* : health, disease, treatment

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

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

## develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym* : evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## 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.

## implant

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

*synonym* : insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart rate.

## nation

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

*synonym* : country, state, sovereign entity

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

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

## 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.

## derive

*v.* to obtain or receive something from a source

*synonym* : deduce, judge, infer

(1) **derive** a conclusion, (2) **derive** knowledge from books

These English words are **derived** from Latin.

## therapy

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

*synonym* : antidote, medicine, treatment

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

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

## blind

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

*synonym* : sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

## treatment

*n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

*synonym* : remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

## longevity

*n.* the property of being long-lived; significant duration of service

*synonym*: seniority, endurance

(1) **longevity** crisis, (2) **longevity** genes

He is proud of the **longevity** of the business.

## 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.

## 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.

## revolutionize

*v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

*synonym*: transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

## pharmaceutical

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

*synonym*: drug, medication, prescription

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

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

## degree

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

*synonym* : level, qualification, diploma

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

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

## miniature

*adj.* being on a very small scale

*synonym* : mini, scaled-down, pint-sized

(1) **miniature** camera, (2) **miniature** version

He did complicated pen-and-ink drawings like medieval **miniatures**.

## replica

*n.* an exact copy of something such as a work of art

*synonym* : imitation, reproduction, replication

(1) miniature **replica**, (2) exact **replica**

An artist sculpted a full-size **replica** of her body.

## chip

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

*synonym* : flake, fragment, chunk

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

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

## fantastic

*adj.* extremely good; excellent

*synonym* : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

## pharmacy

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

*synonym* : drugstore, chemist's, apothecary

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

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

prescription.

## **regenerative**

*adj.* tending to regrow or restore lost or injured tissue

*synonym*: rejuvenating, restorative, healing

(1) **regenerative** medicine, (2) **regenerative** therapy

The **regenerative** properties of stem cells make them a promising area of research.

## Session 2: Spelling

- |                                  |  |
|----------------------------------|--|
| 1. lo_____ty crisis              | <i>n.</i> the property of being long-lived; significant duration of service  |
| 2. the cell of the im___e system | <i>adj.</i> protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells |
| 3. tr_____on cubic feet          | <i>n.</i> the number 1,000,000,000,000; a million million  |
| 4. an ab_____te must             | <i>adj.</i> perfect or complete or to the most considerable degree possible  |
| 5. absolutely fa_____ic event    | <i>adj.</i> extremely good; excellent  |
| 6. I don't care a c__p           | <i>n.</i> a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat                 |
| 7. antagonism of do_____ne       | <i>n.</i> a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension     |
| 8. laws of ph_____s              | <i>n.</i> the science of matter and energy and their interactions  |
| 9. fun_____al education          | <i>adj.</i> forming an essential base or core from which everything else develops or is affected                                       |
| 10. en_____er shortage           | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software                |

ANSWERS: 1. longevity, 2. immune, 3. trillion, 4. absolute, 5. fantastic, 6. chip, 7. dopamine, 8. physics, 9. fundamental, 10. engineer

- |                                 |   |
|---------------------------------|---|
| 11. the br__d of the new car    | <i>n.</i> a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning |
| 12. op_____ne occasion          | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose   |
| 13. di___r according to species | <i>v.</i> to be not like someone or something in some way   |
| 14. estimate pr_____e costs     | <i>adj.</i> sharply exact or accurate or delimited  |
| 15. army su_____n               | <i>n.</i> a doctor who is trained to perform medical operations that involve cutting open a person's body   |
| 16. engine cooling f_n          | <i>n.</i> a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces                  |
| 17. de___e knowledge from books | <i>v.</i> to obtain or receive something from a source  |
| 18. reg_____ive medicine        | <i>adj.</i> tending to regrow or restore lost or injured tissue   |
| 19. ca_____ge damage            | <i>n.</i> a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose                                     |
| 20. a bac_____nd color          | <i>n.</i> the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem   |

ANSWERS: 11. brand, 12. opportune, 13. differ, 14. precise, 15. surgeon, 16. fan, 17. derive, 18. regenerative, 19. cartilage, 20. background



21. un\_\_\_\_\_ed guests *adj.* not wanted or desired
22. un\_\_\_\_\_ly event *adj.* not probable or likely to happen
23. an unnamed do\_\_\_r *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
24. field of gene th\_\_\_\_\_y *n.* the act of caring for someone through medication, remedial training, etc.
25. eve\_\_\_\_\_ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
26. g\_\_\_e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
27. g\_\_\_e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
28. aff\_\_\_\_\_le solution *adj.* not expensive and able to pay
29. receive an imm\_\_\_\_\_ant *n.* a drug that lowers or stops the body's normal immune response
30. pa\_\_\_\_\_as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 21. unwanted, 22. unlikely, 23. donor, 24. therapy, 25. eventually, 26. gaze, 27. gaze, 28. affordable, 29. immunosuppressant, 30. pancreas

31. ca\_\_\_\_te player *n.* a small, rectangular plastic case containing magnetic tape used to record and playback audio or data on devices such as tape players or recorders; a pre-recorded tape containing music, speech, or other sound recordings
32. bre\_\_\_\_ugh in the negotiations *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
33. di\_\_\_\_rd fanatic *adj.* (of a person) extremely loyal, dedicated, or enthusiastic; unwilling to give up
34. 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
35. in\_\_\_\_e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
36. im\_\_\_\_t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
37. th\_\_\_\_y for a patient *n.* the act of caring for someone through medication, remedial training, 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. online ph\_\_\_\_cy *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's

ANSWERS: 31. cassette, 32. breakthrough, 33. die-hard, 34. stem, 35. involve, 36. implant, 37. therapy, 38. tissue, 39. pharmacy

40. im\_\_\_\_t genes in the animals      *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
41. on\_\_\_\_\_nd transportation      *adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
42. mi\_\_\_\_\_re version      *adj.* being on a very small scale
43. principles of un\_\_\_\_\_al design      *adj.* existing or affecting everywhere or everyone
44. ge\_\_\_\_\_te \$100 a month      *v.* to produce or create something; to make offspring by reproduction
45. juvenile di\_\_\_\_\_es      *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
46. do\_\_\_\_\_ne-inhibiting agent      *n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
47. dr\_\_l over a dessert      *v.* to allow saliva to drip or flow out of the mouth involuntarily, usually as a result of excitement, anticipation, or illness; to express excessive admiration or desire for something
48. nuclear ph\_\_\_\_\_s      *n.* the science of matter and energy and their interactions
49. even more unf\_\_\_\_\_ely      *adv.* by bad luck; unluckily
50. a ra\_\_\_m choice      *adj.* made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 40. implant, 41. on-demand, 42. miniature, 43. universal, 44. generate, 45. diabetes, 46. dopamine, 47. drool, 48. physics, 49. unfortunately, 50. random

51. a we\_\_d dress *adj.* extraordinary, unexpected, or difficult to explain
52. id\_\_\_\_fy handwriting *v.* to recognize someone or something and say or prove who or what they are
53. field of fun\_\_\_\_\_al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
54. 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
55. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
56. dr\_\_l on a pillow *v.* to allow saliva to drip or flow out of the mouth involuntarily, usually as a result of excitement, anticipation, or illness; to express excessive admiration or desire for something
57. s\_g my jaw *v.* to droop or hang down, especially due to a lack of support or the weight of something
58. ev\_\_\_\_te the grant proposal *v.* to assess or estimate the quality, significance, quantity, or value of something
59. aff\_\_\_\_\_le housing *adj.* not expensive and able to pay
60. pulse la\_\_r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

ANSWERS: 51. weird, 52. identify, 53. functional, 54. liver, 55. biology, 56. drool, 57. sag, 58. evaluate, 59. affordable, 60. laser

61. the mental process of day\_\_\_\_\_ng     *n.* the act of thinking about something that you would prefer to be doing or have happened to you
62. a sw\_\_\_\_\_w tail     *v.* to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations
63. a private ind\_\_\_\_\_al     *n.* a single person or thing, as distinct from a group
64. l\_b instrument     *n.* a workplace for the conduct of scientific research; a laboratory
65. pos\_\_\_\_\_ty of a major earthquake     *n.* a chance that something may happen or be true
66. di\_\_\_\_\_rd militarist     *adj.* (of a person) extremely loyal, dedicated, or enthusiastic; unwilling to give up
67. sw\_\_\_\_\_w a handful of pills     *v.* to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations
68. busy int\_\_\_\_\_ion     *n.* a point where two or more roads, lines, etc., cross each other
69. lo\_\_\_\_\_ty genes     *n.* the property of being long-lived; significant duration of service
70. un\_\_\_\_\_al life     *adj.* existing or affecting everywhere or everyone
71. toxic ch\_\_\_\_\_als     *adj.* relating to or connected with chemistry;

ANSWERS: 61. daydreaming, 62. swallow, 63. individual, 64. lab, 65. possibility, 66. die-hard, 67. swallow, 68. intersection, 69. longevity, 70. universal, 71. chemical

72. t\_\_k fever *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
73. bl\_\_d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
74. a fa\_\_\_\_ic dress *adj.* extremely good; excellent
75. create a br\_\_d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
76. a criminal bac\_\_\_\_nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
77. a home for the el\_\_\_\_y *adj.* (a polite word for) old
78. de\_\_\_e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
79. p\_\_p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
80. a ge\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 72. tick, 73. blind, 74. fantastic, 75. brand, 76. background, 77. elderly, 78. decide, 79. pump, 80. genetic

81. s\_\_r up controversy *v.* to mix a liquid or substance by using a spoon or something similar; to cause to be agitated, excited, or roused
82. au\_\_\_\_\_ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
83. tr\_\_\_\_\_e violently with emotion *v.* to shake slightly in a way that you cannot control, for example, because you are frightened, angry, or excited, or because of illness
84. de\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
85. nu\_\_e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
86. co\_\_\_\_\_er of the university *n.* one of several people who establishes an organization or starts a business
87. wrinkle like a pr\_\_e *n.* a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth
88. de\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
89. unf\_\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily

ANSWERS: 81. stir, 82. automated, 83. tremble, 84. decide, 85. nurse, 86. cofounder, 87. prune, 88. develop, 89. unfortunately

90. z\_p a huge target      *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
91. ph\_\_\_\_\_cy chain      *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
92. stuff of science fi\_\_\_\_\_n      *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
93. da\_\_\_e at French      *v.* to engage in an activity in a casual or superficial way; to dip a foot or hand briefly into a liquid
94. cl\_\_\_\_\_al surgery      *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
95. bombs fell at ra\_\_\_m      *adj.* made, done, or happening without method, conscious decision, or any regular pattern
96. ab\_\_\_\_\_te loyalty      *adj.* perfect or complete or to the most considerable degree possible
97. fun\_\_\_\_\_al deafness      *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
98. nasal ca\_\_\_\_\_ge      *n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
99. on\_\_\_\_\_nd delivery      *adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay

ANSWERS: 90. zap, 91. pharmacy, 92. fiction, 93. dabble, 94. clinical, 95. random, 96. absolute, 97. functional, 98. cartilage, 99. on-demand



100. de\_\_\_e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
101. a seafaring na\_\_\_n *n.* a large organized community of people living in a particular country or region and having a particular culture
102. co\_\_\_\_\_st two things *v.* to put in opposition to show or emphasize differences
103. s\_\_k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
104. a me\_\_\_\_\_l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
105. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
106. s\_\_r a sauce *v.* to mix a liquid or substance by using a spoon or something similar; to cause to be agitated, excited, or roused
107. spinal c\_\_d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
108. at regular in\_\_\_\_\_als *n.* a period between two events or times; a short break or pause
109. te\_\_\_\_\_s task *adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature

ANSWERS: 100. degree, 101. nation, 102. contrast, 103. sink, 104. medical, 105. medicinal, 106. stir, 107. cord, 108. interval, 109. tedious

110. ne\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
111. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
112. research in\_\_\_\_\_tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
113. a transfusion of do\_\_r blood *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
114. bachelor's de\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
115. atomic b\_\_bs *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
116. am\_\_e everyone *v.* to fill with wonder, surprise, or admiration
117. el\_\_\_\_\_y woman *adj.* (a polite word for) old
118. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 110. neuron, 111. opportune, 112. institute, 113. donor, 114. degree, 115. bomb, 116. amaze, 117. elderly, 118. genetic

119. 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
120. rev\_\_\_\_\_ize the technology *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
121. id\_\_\_\_\_fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
122. s\_\_k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
123. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
124. non-fi\_\_\_\_\_n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
125. excite the ne\_\_\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
126. 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
127. participate in cl\_\_\_\_\_al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

ANSWERS: 119. liver, 120. revolutionize, 121. identify, 122. sink, 123. medicinal, 124. fiction, 125. neuron, 126. immune, 127. clinical

128. mi\_\_\_\_\_e person *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
129. 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
130. bl\_\_d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
131. co\_\_\_\_\_st with a decade ago *v.* to put in opposition to show or emphasize differences
132. disarm the b\_\_b *n.* a weapon that explodes and is used to kill or injure people or to cause damage to something
133. exact re\_\_\_\_\_a *n.* an exact copy of something such as a work of art
134. in\_\_\_\_\_te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
135. economic mi\_\_\_\_\_e *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

ANSWERS: 128. miracle, 129. process, 130. blind, 131. contrast, 132. bomb, 133. replica, 134. institute, 135. miracle

136. re\_\_\_t the proposal *v.* to refuse to accept, consider, or use something or someone
137. take im\_\_\_\_\_te effect *adj.* happening or done without delay or occurring shortly after something else
138. t\_\_k of the clock *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
139. tr\_\_\_\_\_nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
140. 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
141. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
142. imm\_\_\_\_\_ant therapy *n.* a drug that lowers or stops the body's normal immune response
143. pr\_\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
144. dynamically sc\_\_\_\_\_le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
145. miniature re\_\_\_\_\_a *n.* an exact copy of something such as a work of art
146. de\_\_\_e a conclusion *v.* to obtain or receive something from a source

ANSWERS: 136. reject, 137. immediate, 138. tick, 139. treatment, 140. disease, 141. brain, 142. immunosuppressant, 143. precise, 144. scalable, 145. replica, 146. derive

147. 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
148. temporary me\_\_\_\_l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
149. 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
150. a volunteer nu\_\_e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
151. pa\_\_\_\_\_as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
152. mi\_\_\_\_\_re camera *adj.* being on a very small scale
153. a c\_\_p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
154. tr\_\_\_\_\_e in fear *v.* to shake slightly in a way that you cannot control, for example, because you are frightened, angry, or excited, or because of illness

ANSWERS: 147. disease, 148. medical, 149. transplant, 150. nurse, 151. pancreas, 152. miniature, 153. chip, 154. tremble

155. fun\_\_\_\_\_al rights *adj.* forming an essential base or core from which everything else develops or is affected
156. te\_\_\_\_\_s routine *adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature
157. a large st\_\_k of paper *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
158. syn\_\_\_\_\_ity theory *n.* the simultaneous occurrence of seemingly unrelated events that are connected in a meaningful way, suggesting the presence of a deeper, more significant pattern or purpose
159. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
160. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
161. the int\_\_\_\_\_ion of coordinate axes *n.* a point where two or more roads, lines, etc., cross each other
162. pr\_\_e a branch *n.* a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth
163. stimulate day\_\_\_\_\_ng *n.* the act of thinking about something that you would prefer to be doing or have happened to you

ANSWERS: 155. fundamental, 156. tedious, 157. stack, 158. synchronicity, 159. lab, 160. biology, 161. intersection, 162. prune, 163. daydreaming

164. eve\_\_\_\_\_ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
165. an excellent brain su\_\_\_\_\_n *n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
166. na\_\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
167. a film f\_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
168. the im\_\_\_\_\_te past *adj.* happening or done without delay or occurring shortly after something else
169. re\_\_\_\_t all imperfect merchandise *v.* to refuse to accept, consider, or use something or someone
170. after an in\_\_\_\_\_al of pause *n.* a period between two events or times; a short break or pause
171. me\_\_y data *adj.* disorganized and untidy
172. di\_\_\_\_\_es patient *n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
173. un\_\_\_\_\_ed attention *adj.* not wanted or desired
174. reg\_\_\_\_\_ive therapy *adj.* tending to regrow or restore lost or injured tissue
175. the state of being we\_\_d *adj.* extraordinary, unexpected, or difficult to explain
176. pos\_\_\_\_\_ty for growth *n.* a chance that something may happen or be true

ANSWERS: 164. eventually, 165. surgeon, 166. nation, 167. fan, 168. immediate, 169. reject, 170. interval, 171. messy, 172. diabetes, 173. unwanted, 174. regenerative, 175. weird, 176. possibility



177. re\_\_\_e a message                    *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
178. ind\_\_\_\_\_al freedom            *n.* a single person or thing, as distinct from a group
179. in\_\_\_\_\_e a high degree of risk    *v.* to include or affect someone or something as a necessary part of something else
180. syn\_\_\_\_\_ity effect            *n.* the simultaneous occurrence of seemingly unrelated events that are connected in a meaningful way, suggesting the presence of a deeper, more significant pattern or purpose
181. first-aid tr\_\_\_\_\_nt            *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
182. commercial pha\_\_\_\_\_cal products            *adj.* relating to the production and selling of the medical drugs
183. ev\_\_\_\_\_te a situation            *v.* to assess or estimate the quality, significance, quantity, or value of something
184. 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

ANSWERS: 177. relate, 178. individual, 179. involve, 180. synchronicity, 181. treatment, 182. pharmaceutical, 183. evaluate, 184. stem

185. da\_\_\_e in a hobby                    *v.*    to engage in an activity in a casual or superficial way; to dip a foot or hand briefly into a liquid
186. di\_\_\_r from the majority           *v.*    to be not like someone or something in some way
187. rev\_\_\_\_\_ize the industry       *v.*    to bring about a complete or radical change in something, often through the introduction of new methods or ideas
188. p\_\_p a secret out of success       *v.*    to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
189. be\_\_h conference                   *n.*    a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice
190. electrical c\_\_d                      *n.*    a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
191. reg\_\_\_\_\_ss of the difficulties   *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
192. de\_\_\_\_\_p a strategy               *v.*    to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 185. dabble, 186. differ, 187. revolutionize, 188. pump, 189. bench, 190. cord, 191. regardless, 192. develop

193. permanent br\_\_n damage      *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
194. a facial ti\_\_\_e      *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
195. late co\_\_\_\_\_er      *n.* one of several people who establishes an organization or starts a business
196. it is un\_\_\_\_\_ly that he would win the game      *adj.* not probable or likely to happen
197. a civil en\_\_\_\_\_er      *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
198. agricultural cul\_\_\_\_\_on      *n.* the process of preparing and using land for growing crops or plants, often involving tilling, fertilizing, and irrigating the soil; the act of fostering or developing something, such as a skill, talent, or idea
199. me\_\_y handling      *adj.* disorganized and untidy
200. 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
201. s\_g with fatigue      *v.* to droop or hang down, especially due to a lack of support or the weight of something

ANSWERS: 193. brain, 194. tissue, 195. cofounder, 196. unlikely, 197. engineer, 198. cultivation, 199. messy, 200. process, 201. sag

202. reg\_\_\_\_\_ss tread *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties
203. au\_\_\_\_\_ed way *adj.* carried out by machines or computers to replace or decrease human labor
204. an un\_\_\_\_\_r match *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
205. 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
206. ca\_\_\_\_\_te tape *n.* a small, rectangular plastic case containing magnetic tape used to record and playback audio or data on devices such as tape players or recorders; a pre-recorded tape containing music, speech, or other sound recordings
207. re\_\_\_e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
208. in no un\_\_\_\_\_r terms *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
209. ge\_\_\_\_\_te more electricity *v.* to produce or create something; to make offspring by reproduction
210. high st\_\_k *n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated

ANSWERS: 202. regardless, 203. automated, 204. unclear, 205. transplant, 206. cassette, 207. relate, 208. unclear, 209. generate, 210. stack

211. be\_\_h board *n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice
212. many tr\_\_\_\_ons of dollars *n.* the number 1,000,000,000,000; a million million
213. la\_\_r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
214. a ch\_\_\_\_al compound *adj.* relating to or connected with chemistry;
215. am\_\_e and entertain visitors *v.* to fill with wonder, surprise, or admiration
216. z\_p bar code *v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force
217. land cul\_\_\_\_\_on *n.* the process of preparing and using land for growing crops or plants, often involving tilling, fertilizing, and irrigating the soil; the act of fostering or developing something, such as a skill, talent, or idea
218. major pha\_\_\_\_\_cal companies *adj.* relating to the production and selling of the medical drugs
219. bre\_\_\_\_\_ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
220. sc\_\_\_\_le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands

ANSWERS: 211. bench, 212. trillion, 213. laser, 214. chemical, 215. amaze, 216. zap, 217. cultivation, 218. pharmaceutical, 219. breakthrough, 220. scalable

ANSWERS:

## Session 3: Fill in the Blanks

1. 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
  
2. 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
  
3. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
  
4. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
  
5. He is proud of the \_\_\_\_\_ of the business.  
*n.* the property of being long-lived; significant duration of service
  
6. The \_\_\_\_\_ of crops is a vital part of agriculture in many countries.  
*n.* the process of preparing and using land for growing crops or plants, often involving tilling, fertilizing, and irrigating the soil; the act of fostering or developing something, such as a skill, talent, or idea
  
7. The mobile phone was still \_\_\_\_\_ even after being dropped.  
*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 1. brain, 2. immune, 3. lab, 4. medicinal, 5. longevity, 6. cultivation, 7. functional

8. A technique called deep learning has led to \_\_\_\_\_ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
9. The drug controls the level of \_\_\_\_\_ in the brain.
- n.* a chemical substance produced by nerve cells as a neurotransmitter; as a drug, it is used to treat shock and hypotension
10. For the analysis \_\_\_\_\_ the system remains at a standstill state.
- n.* a period between two events or times; a short break or pause
11. Your spinal \_\_\_\_\_ is located deep within your body.
- n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
12. The work of data entry can be \_\_\_\_\_ but it is important for maintaining accurate records.
- adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature
13. Truth is stranger than \_\_\_\_\_.
- n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
14. The \_\_\_\_\_ of getting the disease will drastically increase.
- n.* a chance that something may happen or be true
15. To find drunk drivers, police conduct \_\_\_\_\_ tests.
- adj.* made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 8. breakthroughs, 9. dopamine, 10. interval, 11. cord, 12. tedious, 13. fiction, 14. possibility, 15. random



16. His \_\_\_\_\_ bedroom is always a source of frustration for his mother.  
*adj.* disorganized and untidy
17. Many consumers prefer \_\_\_\_\_ streaming services over traditional cable TV.  
*adj.* available as needed or requested, often referring to products or services that can be accessed or delivered instantly or with minimal delay
18. We use \_\_\_\_\_ as an almost last resort for patients with this disease.  
*n.* a drug that lowers or stops the body's normal immune response
19. The company \_\_\_\_\_ the job candidate's application due to a lack of experience.  
*v.* to refuse to accept, consider, or use something or someone
20. 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
21. The picture earned near-\_\_\_\_\_ acclaim from critics.  
*adj.* existing or affecting everywhere or everyone
22. 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
23. I always put a \_\_\_\_\_ mark next to the items on my grocery list after buying them.  
*n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

ANSWERS: 16. messy, 17. on-demand, 18. immunosuppressants, 19. rejected, 20. transplant, 21. universal, 22. disease, 23. tick

24. 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
25. The automaker has been providing \_\_\_\_\_ car financing options since last year.  
*adj.* not expensive and able to pay
26. I need to go to the hospital \_\_\_\_\_ to pick up my prescription.  
*n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
27. These English words are \_\_\_\_\_ from Latin.  
*v.* to obtain or receive something from a source
28. The doctors said that her recovery was a \_\_\_\_\_.  
*n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
29. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
30. They often \_\_\_\_\_ in new business ventures but only commit partially.  
*v.* to engage in an activity in a casual or superficial way; to dip a foot or hand briefly into a liquid
31. I \_\_\_\_\_ my anger and kept quiet.  
*v.* to make food, drink, pills, etc., pass down your throat into your stomach; (noun) small long-winged songbird noted for swift, graceful flight and the regularity of its migrations

ANSWERS: 24. tissue, 25. affordable, 26. pharmacy, 27. derived, 28. miracle, 29. neuron, 30. dabble, 31. swallowed

32. The endocrine function of the \_\_\_\_\_ involves the secretion of hormones such as insulin.
- n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
33. The abandoned ship slowly began to \_\_\_\_\_ into the murky waters of the harbor.
- v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
34. I'm a big \_\_\_\_\_ of French food.
- n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
35. The night shift \_\_\_\_\_ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
36. Take a right turn at the next \_\_\_\_\_.
- n.* a point where two or more roads, lines, etc., cross each other
37. The corporation \_\_\_\_\_ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
38. We can use this campaign as a bargaining \_\_\_\_\_ in the negotiations.
- n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

ANSWERS: 32. pancreas, 33. sink, 34. fan, 35. nurse, 36. intersection, 37. eventually, 38. chip

39. I found an old \_\_\_\_\_ with my favorite songs from the 80s.

*n.* a small, rectangular plastic case containing magnetic tape used to record and playback audio or data on devices such as tape players or recorders; a pre-recorded tape containing music, speech, or other sound recordings

40. The phone rang at the most \_\_\_\_\_ time.

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

41. She was nearly \_\_\_\_\_ due to severe diabetes.

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

42. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.

*n.* a single person or thing, as distinct from a group

43. They provided allies with powerful weapons that could \_\_\_\_\_ the enemy from thousands of miles away.

*v.* to strike, destroy, get rid of, or kill something or someone suddenly and with force

44. You should remove the seeds from the \_\_\_\_\_ before cooking.

*n.* a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth

45. The meeting aims to \_\_\_\_\_ possible choices.

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

46. The use of cluster \_\_\_\_\_ is strictly prohibited by international law.

*n.* a weapon that explodes and is used to kill or injure people or to cause damage to something

ANSWERS: 39. cassette, 40. opportune, 41. blind, 42. individual, 43. zap, 44. prunes, 45. evaluate, 46. bombs

47. He was alert and could not \_\_\_\_\_ any critical information out of him.

*v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

48. People can pick out superior products \_\_\_\_\_ of the quality of the advertising.

*adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties

49. The \_\_\_\_\_ team worked quickly to save the patient's life.

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

50. The youngster was \_\_\_\_\_ at by the beast.

*v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

51. She received special \_\_\_\_\_ training at the hospital.

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

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

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

53. I often waste a lot of time \_\_\_\_\_.

*n.* the act of thinking about something that you would prefer to be doing or have happened to you

54. The \_\_\_\_\_ properties of stem cells make them a promising area of research.

*adj.* tending to regrow or restore lost or injured tissue

ANSWERS: 47. pump, 48. regardless, 49. medical, 50. gazed, 51. clinical, 52. immediate, 53. daydreaming, 54. regenerative

55. The company holds patents on core components of \_\_\_\_\_ jet printers.  
*n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
56. His body rejected the liver of the \_\_\_\_\_.  
*n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
57. He threw away the \_\_\_\_\_ items in his closet.  
*adj.* not wanted or desired
58. The two products \_\_\_\_\_ in their quality and price.  
*v.* to be not like someone or something in some way
59. The content is \_\_\_\_\_ and informative for me.  
*adj.* sharply exact or accurate or delimited
60. The occurrence of events in \_\_\_\_\_ is often taken as a sign of divine intervention.  
*n.* the simultaneous occurrence of seemingly unrelated events that are connected in a meaningful way, suggesting the presence of a deeper, more significant pattern or purpose
61. I will introduce you to how to \_\_\_\_\_ the leading causes of the malfunction.  
*v.* to recognize someone or something and say or prove who or what they are
62. The \_\_\_\_\_ will repair my telephone tomorrow morning.  
*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 55. laser, 56. donor, 57. unwanted, 58. differed, 59. precise, 60. synchronicity, 61. identify, 62. engineer

63. 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
64. The economic stimulation program would \_\_\_\_\_ a lot of new jobs.
- v.* to produce or create something; to make offspring by reproduction
65. It's intriguing to compare and \_\_\_\_\_ the two authors.
- v.* to put in opposition to show or emphasize differences
66. I sat on the \_\_\_\_\_ in the park and enjoyed the beautiful scenery.
- n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice
67. The plant will continue operating through an \_\_\_\_\_ system 24 hours a day.
- adj.* carried out by machines or computers to replace or decrease human labor
68. He is a skilled \_\_\_\_\_ that has many years of training and experience.
- n.* a doctor who is trained to perform medical operations that involve cutting open a person's body
69. She gave money to help set up a \_\_\_\_\_ laboratory.
- adj.* relating to the production and selling of the medical drugs
70. The company's hiring criteria emphasize personality, not a person's \_\_\_\_\_.
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 63. process, 64. generate, 65. contrast, 66. bench, 67. automated, 68. surgeon, 69. pharmaceutical, 70. background

71. Topics related to that war may \_\_\_\_\_ up a political hornets' nest.  
*v.* to mix a liquid or substance by using a spoon or something similar; to cause to be agitated, excited, or roused
72. The earthquake caused a \_\_\_\_\_ of lumber to crumble noisily.  
*n.* a pile of something arranged or laid one on top of another; a large tall chimney through which combustion gases and smoke can be evacuated
73. One light year is nearly 6 \_\_\_\_\_ miles.  
*n.* the number 1,000,000,000,000; a million million
74. The treatments were done but, \_\_\_\_\_ were unsuccessful.  
*adv.* by bad luck; unluckily
75. She received her \_\_\_\_\_ in psychology from the university.  
*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
76. The firm has grown into a large \_\_\_\_\_ manufacturing.  
*adj.* relating to or connected with chemistry;
77. The primary purpose of the \_\_\_\_\_ is pain relief.  
*n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
78. The doctor will \_\_\_\_\_ a pacemaker to regulate his heart rate.  
*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

ANSWERS: 71. stir, 72. stack, 73. trillion, 74. unfortunately, 75. degree, 76. chemical, 77. treatment, 78. implant



79. 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

80. An artist sculpted a full-size \_\_\_\_\_ of her body.

*n.* an exact copy of something such as a work of art

81. It is important not to undertake tasks with \_\_\_\_\_ objectives to improve productivity.

*adj.* poorly stated or described and therefore not easy to understand; not easy to perceive

82. He did complicated pen-and-ink drawings like medieval \_\_\_\_\_.

*adj.* being on a very small scale

83. The \_\_\_\_\_ woman is quite energetic.

*adj.* (a polite word for) old

84. Gandhi had an \_\_\_\_\_ zeal for nonviolence.

*adj.* perfect or complete or to the most considerable degree possible

85. 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

86. The knee joint is supported by \_\_\_\_\_ which helps absorb shock and prevent bone damage.

*n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose

ANSWERS: 79. genetic, 80. replica, 81. unclear, 82. miniatures, 83. elderly, 84. absolute, 85. stem, 86. cartilage,

87. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.
- n.* a large organized community of people living in a particular country or region and having a particular culture
88. Human behavior has \_\_\_\_\_ characteristics.
- adj.* forming an essential base or core from which everything else develops or is affected
89. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
90. My father was tested for \_\_\_\_\_.
- n.* a medical condition in which the body cannot produce enough insulin to control the glucose levels in the blood
91. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
92. When I heard the news, my whole body \_\_\_\_\_ with excitement.
- v.* to shake slightly in a way that you cannot control, for example, because you are frightened, angry, or excited, or because of illness
93. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.
- n.* the act of caring for someone through medication, remedial training, etc.
94. The baby began to \_\_\_\_\_ while teething.
- v.* to allow saliva to drip or flow out of the mouth involuntarily, usually as a result of excitement, anticipation, or illness; to express excessive admiration or desire for something

ANSWERS: 87. nation, 88. fundamental, 89. develop, 90. diabetes, 91. decide, 92. trembled, 93. therapy, 94. drool

95. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.
- v. to include or affect someone or something as a necessary part of something else
96. 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
97. He studied the \_\_\_\_\_ of radiation.
- n. the science of matter and energy and their interactions
98. The magician's tricks \_\_\_\_\_ the audience.
- v. to fill with wonder, surprise, or admiration
99. The new amusement park ride was \_\_\_\_\_ with twists, turns, and drops that left riders screaming with excitement.
- adj. extremely good; excellent
100. He tried to \_\_\_\_\_ his experience to the group, but they couldn't understand.
- v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
101. The old mattress \_\_\_\_\_ in the middle, making it uncomfortable to sleep on.
- v. to droop or hang down, especially due to a lack of support or the weight of something
102. The passage of the bill is \_\_\_\_\_.
- adj. not probable or likely to happen

ANSWERS: 95. involves, 96. liver, 97. physics, 98. amazed, 99. fantastic, 100. relate, 101. sagged, 102. unlikely

103. This region has many \_\_\_\_\_ offering higher education.

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

104. The invention of the smartphone \_\_\_\_\_ the way we communicate with each other.

- v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

105. He was a \_\_\_\_\_ football team fan and never missed a game.

- adj.* (of a person) extremely loyal, dedicated, or enthusiastic; unwilling to give up

106. My computer has been acting \_\_\_\_\_ recently.

- adj.* extraordinary, unexpected, or difficult to explain

107. There's a new \_\_\_\_\_ of hero in the movies now.

- n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

108. He is the \_\_\_\_\_ and chairman of this tech company.

- n.* one of several people who establishes an organization or starts a business

109. The company's new software is highly \_\_\_\_\_ allowing it to handle increasing number of users.

- adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands

110. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.

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

ANSWERS: 103. institutes, 104. revolutionized, 105. die-hard, 106. weird, 107. brand, 108. cofounder, 109. scalable, 110. biology

ANSWERS: