

Englist.me



Vocabulary Builder Reference from...

Danny Hillis: Understanding cancer through proteomics | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

nervous

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

synonym : neural, anxious, uneasy

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

radical

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

synonym : extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure
The government established by the coup was more **radical** than before.

cancer

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

synonym : tumor, carcinoma, malignancy

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

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

contest

n. a competition in which people compete for supremacy in a sport or other activity; a struggle between rivals

synonym : battle, competition, match

(1) a speech **contest**, (2) a close **contest**

There was a vast **contest** between the two tribes.

slide

v. to move or cause to move smoothly along a surface without interruption

synonym: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

genome

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

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

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

proteome

n. the entire complement of proteins that can be expressed by a genome, cell, tissue, or organism, including all of its functional forms and modifications

(1) bacterial **proteome**, (2) **proteome** database

Scientists are studying the human **proteome** to understand better how proteins work in the body.

topic

n. a subject that is being discussed or written about

synonym: subject, theme, issue

(1) a serious **topic**, (2) the **topic** of the book

The **topic** of the discussion was the current state of the economy.

frontier

n. a border that separates two countries, or the area near this line

synonym: border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland
He worked at the **frontier** of behavioral economics.

limitation

n. a rule or act that restricts the scope of something

synonym: restriction, constraint, burden

(1) impose **limitation**, (2) **limitation** of exercise
Disability is a physical **limitation** to living everyday life.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire
It seems **probable** that he has forgotten our scheduled meeting.

analogy

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

synonym: metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**
Some kinds of machine learning models show an **analogy** to how people learn.

blueprint

n. a photographic print of an early plan for a building or machine

synonym: draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**
A business plan is a **blueprint** for your success.

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym: element, component

(1) secret **ingredients**, (2) compound the **ingredients**
Greed is the primary **ingredient** in the making of criminals.

larder

n. a room or cupboard in which food supplies, especially perishable ones like meat and dairy products, are stored; a supply of food and provisions, typically stored for future use

synonym: pantry, storage, cupboard

(1) well-stocked **larder**, (2) spacious **larder**

During the power outage, they relied heavily on their emergency **larder**, filled with non-perishable foods.

margarine

n. a yellow substance made from vegetable oils or a blend of vegetable and animal fats, commonly used as a substitute for butter and is typically lower in saturated fat and cholesterol

synonym: oleo, spread, butter substitute

(1) **margarine** spread, (2) vegetable **margarine**

My mom always switches butter for **margarine** in recipes.

butt

v. to strike or push something with the flat end of your hip or buttocks; to hit or knock forcefully; (noun) the remaining end of a smoked cigarette

synonym: hit, punch, strike

(1) **butt** into several people, (2) cigarette **butt**

The goats often **butt** heads when they are fighting for dominance.

cyst

n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

synonym: abscess, sac, lump

(1) **cyst** removal, (2) ovarian **cyst**

The patient was sent for an X-ray to determine the cause of the **cyst** in her abdomen.

fibrosis

n. the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure

synonym: scarring, hardening, fibrotic disease

(1) **fibrosis** diagnosis, (2) pulmonary **fibrosis**

The doctor diagnosed him with cardiac **fibrosis**, which put him at risk for heart failure.

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.

correspondence

n. the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status

synonym: letters, closeness, likeness

(1) a business **correspondence**, (2) one-to-one **correspondence**

The results of the two experiments were in **correspondence**.

predisposition

n. a tendency or inclination to a particular behavior or condition, often due to genetic or environmental factors

synonym: tendency, inclination, disposition

(1) **predisposition** to anxiety, (2) genetic **predisposition**

Smoking can increase a person's **predisposition** to lung cancer.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

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.

circumstance

n. the specific conditions or events that surround a particular situation or occurrence

synonym: condition, context, environment

(1) **circumstance** of birth, (2) **circumstance** of injury

She explained the **circumstances** surrounding the accident.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

triumph

n. a great victory or achievement

synonym: victory, success, conquest

(1) **triumph** of democracy, (2) **triumph** of the spirit

The team's **triumph** in the championship resulted from their hard work and dedication.

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.

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.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive
It's notoriously challenging to **predict** birth rates.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

gene

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

synonym: factor, cistron

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

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

abstract

adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence

synonym: conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

crick

n. sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement

synonym: cramp, kink, spasm

(1) stiff **crick**, (2) **crick** in the back

I woke up with a **crick** in my neck from sleeping in an awkward position.

physics

n. the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

rarely

adv. not happening often; infrequently; seldom

synonym: seldom, infrequently, hardly ever

(1) **rarely** seen, (2) **rarely** used

I **rarely** eat fast food because I prefer healthy options.

religion

n. a deep conviction in a supernatural power that controls human destiny

synonym: faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**

Their **religion** strictly prohibits them from drinking or gambling.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

core

n. the most essential or fundamental part of something

synonym: center, basis, heart

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

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

digital

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

synonym: numerical, computerized, cyber

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

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

instance

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

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

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.

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.

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.

discovery

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

synonym: finding, uncovering, detection

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

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

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

bald

adj. having no hair on the head; having a smooth, shiny scalp with no hair

synonym: hairless, smooth, bare

(1) **bald** head, (2) become **bald**

He is completely **bald**, having lost all his hair due to chemotherapy.

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.

operate

v. to work in a particular way; to supervise something

synonym: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

conversation

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

synonym: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

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.

elaborate

adj. containing a lot of carefully prepared and organized or many complicated and detailed parts

synonym : detailed, intricate, complicated

(1) an **elaborate** hat, (2) **elaborate** Ponzi scheme

He proposed an **elaborate** program of public works.

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.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

pause

v. to take a short break from talking or doing something before continuing

synonym : halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

enzyme

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

synonym : catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

measurement

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

synonym: calculation, dimensions, size

(1) chest **measurement**, (2) a precise **measurement**

The **measurement** error of this industrial machine is less than one micrometer.

inconsistent

adj. not remaining constant or in agreement

synonym: conflicting, discrepant, contrary

(1) **inconsistent** results, (2) **inconsistent** with the roadmap

This lawsuit appears to be unfair and **inconsistent**.

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym: cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment

The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

applied

adj. of or relating to a subject of study, especially a science, that is used in a practical way

synonym: practical, practiced, used

(1) **applied** research, (2) **applied** physics

Military technology eventually became the foundation for **applied** technology that supported people's lives.

delay

v. to cause something to happen at a later time than originally intended or expected

synonym: block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

gore

v. to pierce with a sharp object, causing injury or death;
(noun) coagulated blood from a wound

synonym: pierce, stab, puncture

(1) **gore** him with a weapon, (2) **gore** scene

The hunter **gored** the deer with an arrow.

resourceful

adj. showing creativity and ability to find quick and practical solutions to problems

synonym: inventive, imaginative, clever

(1) **resourceful** thinker, (2) **resourceful** cook in town

She was **resourceful** and found a solution to the problem on her own.

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.

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.

permission

n. consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur

synonym: approval, consent, authorization

(1) grant **permission**, (2) **permission** for permanent residence

I asked my boss for **permission** to leave early for a doctor's appointment.

sip

v. to drink a liquid by taking small mouthfuls; (noun) a small drink

synonym: taste, sample, drink

(1) **sip** a drink, (2) take a **sip** of beer

He **sipped** his tea slowly, savoring the taste.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

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.

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.

assembly

n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

synonym: crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

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.

robotic

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

synonym : automated, mechanical, laborsaving

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

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

consistent

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

synonym : coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

weigh

v. to have a particular weight; to carefully evaluate things before making a conclusion

synonym : consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

slippery

adj. difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

synonym : smooth, glistening, furtive

(1) a **slippery** customer, (2) **slippery** ice

How extraordinarily **slippery** a liar the camera is.

arrange

v. to plan, prepare for, and carry out something

synonym : set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

literally

adv. in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

synonym : actually, truly, verily

(1) translate **literally**, (2) bite his tongue **literally**

He **literally** jumped out of his chair when he heard the news.

feat *n.* a notable or impressive achievement, especially one that requires great skill or bravery
synonym: achievement, accomplishment, exploit
(1) intellectual **feat**, (2) **feat** accomplishment
It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

smudge *n.* a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
synonym: blemish, mark, stain
(1) ink **smudge**, (2) lipstick **smudge**
She accidentally left a **smudge** on the newly painted wall.

thrill *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
synonym: exhilaration, delight, rush
(1) the **thrill** of speed, (2) incredible **thrill**
Skydiving is an overwhelming **thrill** for many people.

zoom *v.* to move along very quickly; (noun) the act of rising upward into the air
synonym: move quickly, dive, buzz
(1) **zoom** in on a photo, (2) **zoom** lens
He **zoomed** back in time to the soccer game.

fragment *n.* a small piece or part broken off or detached
synonym: piece, shard, segment
(1) **fragment** of a text, (2) a broken **fragment**
The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

bump

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

synonym: collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

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.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

isotope

n. a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties

synonym: variant, nuclide, radioisotope

(1) radioactive **isotope**, (2) stable **isotope**

The **isotope** carbon-14 is commonly used in radiocarbon dating of fossils.

neutron

n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen

(1) **neutron** acceleration, (2) the antiparticle of a **neutron**
A **neutron** star is incredibly dense and has a strong gravitational pull.

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.

exquisite

adj. extremely beautiful and delicate
synonym: magnificent, glorious, gorgeous

(1) **exquisite** crafts, (2) a man of **exquisite** sensitivity
We can hear an **exquisite** piano melody from his room.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin
The teacher is very **sensitive** to children's feelings.

suddenly

adv. quickly and unexpectedly
synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**
Who answers **suddenly** knows little.

signature

n. a person's name, often handwritten, written in a distinctive way as a form of identification or authorization; a distinctive feature or characteristic that is a hallmark or identifying mark of something or someone

synonym: autograph, mark, handwriting

(1) **signature** dish, (2) artist's **signature**
The lawyer confirmed that the **signature** on the contract was genuine.

overlay

v. to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it

synonym: cover, superimpose, layer

(1) **overlay** multiple graphs, (2) **overlay** image

They tried to **overlay** the old map with the new one to compare the changes.

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.

bob

v. to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

synonym: bobble, bounce, wag

(1) **bob** a quick curtsy, (2) **bob** on the surface of the water

I need to **bob** my head to the beat of the music.

overlap

v. to partially cover something by going beyond its edge

synonym: overlay, cover, bespread

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

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

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

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.

approaching

adj. drawing nearer in time or space; coming close to someone or something

synonym : nearing, coming, getting closer

(1) **approaching** deadline, (2) **approaching** retirement

The **approaching** storm clouds filled the sky with ominous darkness.

infectious

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

synonym : contagious, epidemic, transmittable

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

Leprosy is an indolent **infectious** disease.

paradigm

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

synonym : example, standard, epitome

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

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

germ

n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

synonym : bacterium, microbe, pathogen

(1) antibiotic-resistant **germ**, (2) a **germ-free** environment

The **germ** of his idea came from watching birds flying in flocks.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other

tumors.

scientifically

adv. in a way that relates to science or is connected with science

(1) investigate **scientifically**, (2) **scientifically** explainable
The hypothesis is not yet **scientifically** proven.

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.

syphilis

n. a sexually transmitted disease caused by the bacterium *Treponema pallidum*, characterized by multiple stages and a wide range of symptoms

synonym: STD, venereal disease, sexually transmitted infection

(1) oral **syphilis**, (2) late-stage **syphilis**

Untreated **syphilis** can cause serious health problems.

penicillin

n. an antibiotic drug derived from mold and used to treat bacterial infections

synonym: antibiotic, bacitracin

(1) **penicillin** allergy, (2) **penicillin** sensitivity testing

The doctor prescribed **penicillin** to treat the bacterial infection.

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.

quinine

n. a bitter-tasting alkaloid compound found in the bark of certain cinchona trees, used in medicine to treat malaria

(1) natural **quinine**, (2) **quinine** bark

The tonic water in my drink contains **quinine**, giving it a slightly bitter taste.

derivative

n. something which is based on another thing or word or idea; a financial instrument whose value is based on another security

synonym: by-product, spin-off, offshoot

(1) **derivative** works, (2) **derivative** products

French is a **derivative** of Latin.

miraculous

adj. very effective or lucky, or completely unexpected

synonym: amazing, astonishing, awesome

(1) a **miraculous** encounter, (2) go through a **miraculous** change

He made a **miraculous** recovery.

divide

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

synonym: separate, disconnect, split

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

Can you **divide** 123321 by eleven?

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.

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.

prostate

n. a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen

synonym: gland, bladder

(1) **prostate** surgery, (2) enlarged **prostate**

Men over the age of 50 are at a higher risk for **prostate** cancer.

breast

n. either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

noun

n. a word that generally functions as the name of a specific object or set of objects

(1) **noun** phrase, (2) proper **noun**

In some foreign languages, the gender of **nouns** exists.

tumor

n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

synonym: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

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.

verb

n. a word or phrase that describes an action, state, or experience

(1) complex **verb**, (2) an auxiliary **verb**

Use a singular **verb** if the subject is singular.

plumbing

n. the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems

synonym: pipefitting, piping

(1) **plumbing** problem, (2) **plumbing** service

The **plumbing** in my house needs to be replaced because it keeps leaking.

leak

v. to allow liquid or gas to get in or out from a hole or crack in a pipe or container

synonym: outflow, divulge, disclose

(1) **leak** data, (2) **leak** a classified memo

He **leaked** serious accounting irregularities that only people in the company's executive could know.

plumber

n. a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system

synonym: pipefitter, pipeline engineer

(1) **plumber's** wrench, (2) licensed **plumber**

I had to call a **plumber** to fix the leaky faucet in my bathroom.

sprinkler

n. a device that sprays water over a large area used especially for watering crops or gardens or for firefighting

synonym: sprayer, irrigation system

(1) road **sprinkler**, (2) **sprinkler** irrigation

The **sprinkler** system kept the lawn green and healthy.

tar

n. a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood

synonym : asphalt, pitch, bitumen

(1) **tar** residue, (2) **tar** component

The road workers spread **tar** over the cracks in the pavement to prevent water and ice from causing further damage.

healing

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

synonym : recovery, recuperation, convalescence

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

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

normally

adv. usually; under normal conditions

synonym : commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

drain

v. to empty or dry something by removing the liquid from it

synonym : draw off, bleed

(1) **drain** water from the swamp, (2) **drain** excess liquid

Push the button and let the water **drain** away.

causal

adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

synonym : causative, contributory, connected

(1) **causal** chain, (2) **causal** effect

The study aimed to establish a **causal** relationship between smoking and lung cancer.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym : ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

nation

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

culture

synonym: country, state, sovereign entity

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

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

institute

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

synonym: academy, university, college

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

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

bark

n. the hard outer layer of a tree; a sound made by dogs or some other animals

synonym: skin, husk, crust

(1) trees with rough **bark**, (2) **bark** at the moon

He removed the **bark** from the tree.

consortium

n. a group or association of individuals, organizations, or businesses that come together for a common purpose or goal

synonym: partnership, association, alliance

(1) **consortium** agreement, (2) academic **consortium**

The **consortium** of companies pooled their resources to fund the project.

harbor

n. an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession

synonym: port, dock, pier

(1) a sheltered **harbor**, (2) **harbor** a resentment

The tsunami swamped every boat in the **harbor**.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

degenerate

v. (of a person, animal, or plant) to become worse in health or physical condition

synonym: deteriorate, decline, decay

(1) **degenerate** into a disagreement, (2) **degenerate** into recession

The once-thriving city has **degenerated** into a crime-ridden slum.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

generic

adj. not specific; not linked to a particular brand or product

synonym: common, ordinary, typical

(1) a **generic** product, (2) **generic** version

The **generic** aspirin brand was just as effective as the name brand but much cheaper.

sequence

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

synonym : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**
We do move forward with those tasks in **sequence** next week.

gentle

adj. having or showing a kindly or tender nature; soft and mild

synonym : mild, delicate, soft

(1) in a **gentle** voice, (2) **gentle** downward slope
Her **gentle** manner relaxed everyone there.

chemotherapy

n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

synonym : anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects
Many cancer patients undergo **chemotherapy** as a treatment option.

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**
He tried every possible treatment, including chemotherapy and **radiation** therapy.

surgery

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

synonym : operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**
He had undergone heart **surgery** years before.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym: equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

splint

n. a rigid or flexible device used to immobilize or support a broken or injured bone or joint, often made of wood, metal, or other sturdy materials and commonly used in first aid or medical settings

synonym: brace, support

(1) **splint** bandage, (2) arm **splint**

After my skiing accident, I had to wear a leg **splint** for several weeks.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

Session 2: Spelling

1. res_____ul cook in town *adj.* showing creativity and ability to find quick and practical solutions to problems
2. a serious to__c *n.* a subject that is being discussed or written about
3. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
4. ge_____c version *adj.* not specific; not linked to a particular brand or product
5. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
6. fi_____is diagnosis *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
7. the c__e of an apple *n.* the most essential or fundamental part of something
8. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
9. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 1. resourceful, 2. topic, 3. tremendous, 4. generic, 5. medicinal, 6. fibrosis, 7. core, 8. telescope, 9. medical

10. take a s_p of beer
v. to drink a liquid by taking small mouthfuls; (noun) a small drink
11. a speech co____t
n. a competition in which people compete for supremacy in a sport or other activity; a struggle between rivals
12. 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
13. 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
14. proper n__n
n. a word that generally functions as the name of a specific object or set of objects
15. cl____al surgery
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
16. the____al models
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
17. 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

ANSWERS: 10. sip, 11. contest, 12. patient, 13. process, 14. noun, 15. clinical, 16. theoretical, 17. protein

18. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
19. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
20. re_____on sociology *n.* a deep conviction in a supernatural power that controls human destiny
21. b__d head *adj.* having no hair on the head; having a smooth, shiny scalp with no hair
22. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
23. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
24. draw an_____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
25. one-to-one cor_____nce *n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
26. estimate pr_____e costs *adj.* sharply exact or accurate or delimited
27. ap_____d physics *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
28. t_r residue *n.* a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood

ANSWERS: 18. tremendous, 19. genetic, 20. religion, 21. bald, 22. separate, 23. discovery, 24. analogy, 25. correspondence, 26. precise, 27. applied, 28. tar

29. ar____e the meeting *v.* to plan, prepare for, and carry out something
30. not no____ly drink much *adv.* usually; under normal conditions
31. eve____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
32. incredible th____l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
33. effects of cl____e change *n.* the weather in a particular location averaged over some long period
34. a ge____c product *adj.* not specific; not linked to a particular brand or product
35. freedom of re____on *n.* a deep conviction in a supernatural power that controls human destiny
36. 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.
37. c__t removal *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment
38. el____te Ponzi scheme *adj.* containing a lot of carefully prepared and organized or many complicated and detailed parts
39. absolutely fa____ic event *adj.* extremely good; excellent

ANSWERS: 29. arrange, 30. normally, 31. eventually, 32. thrill, 33. climate, 34. generic, 35. religion, 36. treatment, 37. cyst, 38. elaborate, 39. fantastic

40. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
41. complex v__b *n.* a word or phrase that describes an action, state, or experience
42. an el_____te hat *adj.* containing a lot of carefully prepared and organized or many complicated and detailed parts
43. au_____ed way *adj.* carried out by machines or computers to replace or decrease human labor
44. a ra_____l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
45. 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
46. for in_____ce *n.* a particular example or single occurrence of something
47. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
48. oral sy_____is *n.* a sexually transmitted disease caused by the bacterium *Treponema pallidum*, characterized by multiple stages and a wide range of symptoms
49. lipstick sm___e *n.* a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes

ANSWERS: 40. lung, 41. verb, 42. elaborate, 43. automated, 44. radical, 45. disease, 46. instance, 47. biology, 48. syphilis, 49. smudge

50. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
51. ap____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
52. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing
53. cir_____nce of birth *n.* the specific conditions or events that surround a particular situation or occurrence
54. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
55. 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
56. 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
57. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
58. a sheltered ha____r *n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession
59. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 50. genome, 51. applied, 52. pause, 53. circumstance, 54. construct, 55. disease, 56. symptom, 57. suddenly, 58. harbor, 59. robotic

60. sp___t bandage *n.* a rigid or flexible device used to immobilize or support a broken or injured bone or joint, often made of wood, metal, or other sturdy materials and commonly used in first aid or medical settings
61. bite his tongue li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
62. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
63. road sp_____er *n.* a device that sprays water over a large area used especially for watering crops or gardens or for firefighting
64. in___e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
65. enlarged pr_____te *n.* a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen
66. si_____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
67. ex_____te crafts *adj.* extremely beautiful and delicate
68. grant per_____on *n.* consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur

ANSWERS: 60. splint, 61. literally, 62. automated, 63. sprinkler, 64. invite, 65. prostate, 66. simulate, 67. exquisite, 68. permission

69. si_____te a future scenario
v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
70. per_____on for permanent residence
n. consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur
71. fun_____al education
adj. forming an essential base or core from which everything else develops or is affected
72. complete no_____ly
adv. usually; under normal conditions
73. t_r component
n. a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood
74. pl_____r's wrench
n. a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system
75. tu__r at remote sites
n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
76. ca_____n dioxide
n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 69. simulate, 70. permission, 71. fundamental, 72. normally, 73. tar, 74. plumber, 75. tumor, 76. carbon

77. a ra_____l flaw in the plan
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
78. ov_____p in many areas
v. to partially cover something by going beyond its edge
79. a cold cl_____e
n. the weather in a particular location averaged over some long period
80. pr_____e analyses
adj. sharply exact or accurate or delimited
81. cell and molecular bi_____y
n. the scientific study of life and the natural processes of living things
82. for spe_____lly American customers
adv. only associated with or meant for one thing
83. che_____apy side effects
n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
84. person's smile is inf_____us
adj. able to be passed quickly from one person, animal, or plant to another, especially through air or water
85. get con_____nt results
adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.
86. a binocular te_____pe
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
87. sci_____lly explainable
adv. in a way that relates to science or is connected with science

ANSWERS: 77. radical, 78. overlap, 79. climate, 80. precise, 81. biology, 82. specifically, 83. chemotherapy, 84. infectious, 85. consistent, 86. telescope, 87. scientifically

88. pre_____ion to anxiety *n.* a tendency or inclination to a particular behavior or condition, often due to genetic or environmental factors
89. der_____ve works *n.* something which is based on another thing or word or idea; a financial instrument whose value is based on another security
90. as_____ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
91. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
92. b__k at the moon *n.* the hard outer layer of a tree; a sound made by dogs or some other animals
93. tu__r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
94. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
95. cardiac su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 88. predisposition, 89. derivative, 90. assembly, 91. radiation, 92. bark, 93. tumor, 94. sequence, 95. surgery

96. pen_____in allergy *n.* an antibiotic drug derived from mold and used to treat bacterial infections
97. si_____re dish *n.* a person's name, often handwritten, written in a distinctive way as a form of identification or authorization; a distinctive feature or characteristic that is a hallmark or identifying mark of something or someone
98. on_____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
99. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
100. die su_____ly *adv.* quickly and unexpectedly
101. sp_____er irrigation *n.* a device that sprays water over a large area used especially for watering crops or gardens or for firefighting
102. bacterial pr_____me *n.* the entire complement of proteins that can be expressed by a genome, cell, tissue, or organism, including all of its functional forms and modifications
103. b_b on the surface of the water *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

ANSWERS: 96. penicillin, 97. signature, 98. oncology, 99. clinical, 100. suddenly, 101. sprinkler, 102. proteome, 103. bob

104. stable is____e *n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties
105. ev_____on theory *n.* a gradual process of transformation of living things
106. a man of ex_____te sensitivity *adj.* extremely beautiful and delicate
107. 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
108. spacious la____r *n.* a room or cupboard in which food supplies, especially perishable ones like meat and dairy products, are stored; a supply of food and provisions, typically stored for future use
109. toxic ch_____als *adj.* relating to or connected with chemistry;
110. en___e reaction *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
111. pr_____me database *n.* the entire complement of proteins that can be expressed by a genome, cell, tissue, or organism, including all of its functional forms and modifications
112. l__k data *v.* to allow liquid or gas to get in or out from a hole or crack in a pipe or container

ANSWERS: 104. isotope, 105. evolution, 106. exquisite, 107. relate, 108. larder, 109. chemical, 110. enzyme, 111. proteome, 112. leak

113. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
114. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
115. ca____r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
116. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
117. con_____um agreement *n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
118. a business cor_____nce *n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
119. stiff cr__k *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
120. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
121. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 113. paradigm, 114. protein, 115. cancer, 116. complicated, 117. consortium, 118. correspondence, 119. crick, 120. paradigm, 121. cancer

122. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
123. genetic pre_____ion *n.* a tendency or inclination to a particular behavior or condition, often due to genetic or environmental factors
124. get ne_____s *adj.* worried and anxious about something; relating to the nerves
125. baby with se_____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
126. arm sp____t *n.* a rigid or flexible device used to immobilize or support a broken or injured bone or joint, often made of wood, metal, or other sturdy materials and commonly used in first aid or medical settings
127. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
128. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
129. a broken fr_____nt *n.* a small piece or part broken off or detached
130. unf_____ely caught in a shower *adv.* by bad luck; unluckily
131. nuclear ph_____s *n.* the science of matter and energy and their interactions

ANSWERS: 122. weigh, 123. predisposition, 124. nervous, 125. sensitive, 126. splint, 127. lung, 128. predict, 129. fragment, 130. unfortunately, 131. physics

132. ink sm___e *n.* a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
133. the antiparticle of a ne____n *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
134. 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
135. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
136. cigarette b__t *v.* to strike or push something with the flat end of your hip or buttocks; to hit or knock forcefully; (noun) the remaining end of a smoked cigarette
137. historical an____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
138. an inf____us fever *adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
139. an ab____ct noun *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
140. laws of ph____s *n.* the science of matter and energy and their interactions

ANSWERS: 132. smudge, 133. neutron, 134. symptom, 135. nation, 136. butt, 137. analogy, 138. infectious, 139. abstract, 140. physics

141. 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
142. pa__e a moment *v.* to take a short break from talking or doing something before continuing
143. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
144. even more unf_____ely *adv.* by bad luck; unluckily
145. late-stage sy_____is *n.* a sexually transmitted disease caused by the bacterium *Treponema pallidum*, characterized by multiple stages and a wide range of symptoms
146. artist's si_____re *n.* a person's name, often handwritten, written in a distinctive way as a form of identification or authorization; a distinctive feature or characteristic that is a hallmark or identifying mark of something or someone
147. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
148. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
149. ca___l effect *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

ANSWERS: 141. institute, 142. pause, 143. bump, 144. unfortunately, 145. syphilis, 146. signature, 147. complicated, 148. predict, 149. causal

150. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
151. c__e business activity *n.* the most essential or fundamental part of something
152. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
153. an auxiliary v__b *n.* a word or phrase that describes an action, state, or experience
154. dr__n water from the swamp *v.* to empty or dry something by removing the liquid from it
155. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
156. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
157. sl_____ry ice *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
158. as_____ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
159. ha___r a resentment *n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession

ANSWERS: 150. slide, 151. core, 152. represent, 153. verb, 154. drain, 155. eventually, 156. digital, 157. slippery, 158. assembly, 159. harbor

160. ma_____ne spread *n.* a yellow substance made from vegetable oils or a blend of vegetable and animal fats, commonly used as a substitute for butter and is typically lower in saturated fat and cholesterol
161. deg_____te into recession *v.* (of a person, animal, or plant) to become worse in health or physical condition
162. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
163. traditional me_____al *adj.* of or relating to the treatment or cure of disease
164. radioactive is_____e *n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties
165. a fa_____ic dress *adj.* extremely good; excellent
166. ov_____y multiple graphs *v.* to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it
167. pl_____ng service *n.* the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems

ANSWERS: 160. margarine, 161. degenerate, 162. breast, 163. medicinal, 164. isotope, 165. fantastic, 166. overlay, 167. plumbing

168. vegetable ma_____ne *n.* a yellow substance made from vegetable oils or a blend of vegetable and animal fats, commonly used as a substitute for butter and is typically lower in saturated fat and cholesterol
169. academic con_____um *n.* a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
170. app_____ng deadline *adj.* drawing nearer in time or space; coming close to someone or something
171. cr__k in the back *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
172. che_____apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
173. di___e money equally *v.* to separate or cause to separate into parts or groups
174. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
175. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
176. fr_____er disputes *n.* a border that separates two countries, or the area near this line
177. tr_____h of democracy *n.* a great victory or achievement
178. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 168. margarine, 169. consortium, 170. approaching, 171. crick, 172. chemotherapy, 173. divide, 174. measurement, 175. construct, 176. frontier, 177. triumph, 178. diagnose

179. the to__c of the book *n.* a subject that is being discussed or written about
180. ov____y image *v.* to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it
181. di___r from the majority *v.* to be not like someone or something in some way
182. 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.
183. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
184. ne_____n acceleration *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
185. 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
186. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
187. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 179. topic, 180. overlay, 181. differ, 182. treatment, 183. mechanism, 184. neutron, 185. relate, 186. zoom, 187. humming

188. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
189. a close co_____t *n.* a competition in which people compete for supremacy in a sport or other activity; a struggle between rivals
190. op_____e 24 hours a day *v.* to work in a particular way; to supervise something
191. ab_____ct science *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
192. ra_____y used *adv.* not happening often; infrequently; seldom
193. mystical sig_____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
194. na_____n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
195. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
196. a mir_____us encounter *adj.* very effective or lucky, or completely unexpected
197. bl_____nt for economic reform *n.* a photographic print of an early plan for a building or machine
198. pr_____le cause of a fire *adj.* likely to happen or likely to be true

ANSWERS: 188. genome, 189. contest, 190. operate, 191. abstract, 192. rarely, 193. significance, 194. nation, 195. gene, 196. miraculous, 197. blueprint, 198. probable

199. part of the he_____g process *n.* the process of becoming or making somebody or something well again
200. s_p a drink *v.* to drink a liquid by taking small mouthfuls; (noun) a small drink
201. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
202. ma_____a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
203. der_____ve products *n.* something which is based on another thing or word or idea; a financial instrument whose value is based on another security
204. ma_____a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
205. deg_____te into a disagreement *v.* (of a person, animal, or plant) to become worse in health or physical condition
206. well-stocked la____r *n.* a room or cupboard in which food supplies, especially perishable ones like meat and dairy products, are stored; a supply of food and provisions, typically stored for future use
207. g__e scene *v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound

ANSWERS: 199. healing, 200. sip, 201. sensitive, 202. malaria, 203. derivative, 204. malaria, 205. degenerate, 206. larder, 207. gore

208. de__y the new project *v.* to cause something to happen at a later time than originally intended or expected
209. ca___l chain *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
210. lim_____on of exercise *n.* a rule or act that restricts the scope of something
211. di___r according to species *v.* to be not like someone or something in some way
212. 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
213. pr_____te surgery *n.* a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen
214. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
215. 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
216. antibiotic-resistant g__m *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

ANSWERS: 208. delay, 209. causal, 210. limitation, 211. differ, 212. institute, 213. prostate, 214. genetic, 215. process, 216. germ

217. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
218. go through a mir_____us change *adj.* very effective or lucky, or completely unexpected
219. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
220. ra____y seen *adv.* not happening often; infrequently; seldom
221. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
222. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
223. designed spe_____lly for men *adv.* only associated with or meant for one thing
224. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
225. human ev_____on *n.* a gradual process of transformation of living things
226. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
227. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 217. specific, 218. miraculous, 219. ingredient, 220. rarely, 221. humming, 222. specific, 223. specifically, 224. perspective, 225. evolution, 226. carbon, 227. medical

228. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
229. the____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
230. modern on____gy treatment *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
231. the th___l of speed *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
232. con____ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
233. tr____h of the spirit *n.* a great victory or achievement
234. become b__d *adj.* having no hair on the head; having a smooth, shiny scalp with no hair
235. pl____ng problem *n.* the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems
236. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 228. prop, 229. theoretical, 230. oncology, 231. thrill, 232. conversation, 233. triumph, 234. bald, 235. plumbing, 236. sequence

237. a friendly con_____ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
238. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
239. natural qu_____e *n.* a bitter-tasting alkaloid compound found in the bark of certain cinchona trees, used in medicine to treat malaria
240. fr_____nt of a text *n.* a small piece or part broken off or detached
241. g__e him with a weapon *v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
242. impose lim_____on *n.* a rule or act that restricts the scope of something
243. notable in_____ce *n.* a particular example or single occurrence of something
244. a sl_____ry customer *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
245. qu_____e bark *n.* a bitter-tasting alkaloid compound found in the bark of certain cinchona trees, used in medicine to treat malaria
246. natural he_____g ability *n.* the process of becoming or making somebody or something well again
247. a ch_____al compound *adj.* relating to or connected with chemistry;
248. ovarian c__t *n.* a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

ANSWERS: 237. conversation, 238. significance, 239. quinine, 240. fragment, 241. gore, 242. limitation, 243. instance, 244. slippery, 245. quinine, 246. healing, 247. chemical, 248. cyst

249. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
250. the Italian fr_____er with Switzerland *n.* a border that separates two countries, or the area near this line
251. licensed pl_____r *n.* a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system
252. l__k a classified memo *v.* to allow liquid or gas to get in or out from a hole or crack in a pipe or container
253. the list was ar_____ed alphabetically *v.* to plan, prepare for, and carry out something
254. n__n phrase *n.* a word that generally functions as the name of a specific object or set of objects
255. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
256. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
257. res_____ul thinker *adj.* showing creativity and ability to find quick and practical solutions to problems
258. trees with rough b__k *n.* the hard outer layer of a tree; a sound made by dogs or some other animals
259. do on a con_____nt basis *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.

ANSWERS: 249. perspective, 250. frontier, 251. plumber, 252. leak, 253. arrange, 254. noun, 255. mechanism, 256. represent, 257. resourceful, 258. bark, 259. consistent

260. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
261. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
262. inc_____ent results *adj.* not remaining constant or in agreement
263. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
264. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
265. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
266. translate li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
267. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
268. the professor of su_____y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 260. radiation, 261. prop, 262. inconsistent, 263. fundamental, 264. feat, 265. zoom, 266. literally, 267. genetics, 268. surgery

269. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
270. lack of digestive en___es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
271. cir_____nce of injury *n.* the specific conditions or events that surround a particular situation or occurrence
272. dr__n excess liquid *v.* to empty or dry something by removing the liquid from it
273. a g__m-free environment *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
274. re_____ve factors *adj.* considered and evaluated through comparison with something else
275. 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
276. investigate sci_____lly *adv.* in a way that relates to science or is connected with science
277. manually op_____e a machine *v.* to work in a particular way; to supervise something
278. architect's bl_____nt *n.* a photographic print of an early plan for a building or machine
279. ge___e downward slope *adj.* having or showing a kindly or tender nature; soft and mild

ANSWERS: 269. equivalent, 270. enzyme, 271. circumstance, 272. drain, 273. germ, 274. relative, 275. patient, 276. scientifically, 277. operate, 278. blueprint, 279. gentle

280. de__y a flight three hours *v.* to cause something to happen at a later time than originally intended or expected
281. a remote re____ve *adj.* considered and evaluated through comparison with something else
282. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
283. app_____ng retirement *adj.* drawing nearer in time or space; coming close to someone or something
284. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
285. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
286. b_b a quick curtsy *v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders
287. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
288. a di_____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 280. delay, 281. relative, 282. invite, 283. approaching, 284. ingredient, 285. separate, 286. bob, 287. equivalent, 288. digital

289. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
290. inc_____ent with the roadmap *adj.* not remaining constant or in agreement
291. pen_____in sensitivity testing *n.* an antibiotic drug derived from mold and used to treat bacterial infections
292. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
293. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
294. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
295. di___e the cake into two pieces *v.* to separate or cause to separate into parts or groups
296. pr_____le outcome *adj.* likely to happen or likely to be true
297. in a ge___e voice *adj.* having or showing a kindly or tender nature; soft and mild
298. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
299. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
300. br___t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

ANSWERS: 289. bump, 290. inconsistent, 291. penicillin, 292. genetics, 293. diagnose, 294. nervous, 295. divide, 296. probable, 297. gentle, 298. robotic, 299. weigh, 300. breast

301. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
302. b__t into several people *v.* to strike or push something with the flat end of your hip or buttocks; to hit or knock forcefully; (noun) the remaining end of a smoked cigarette
303. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
304. ov_____p one another *v.* to partially cover something by going beyond its edge
305. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
306. pulmonary fi_____is *n.* the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure
307. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
308. a precise mea_____nt *n.* the act or process of finding something's size, quantity, or degree

ANSWERS: 301. discovery, 302. butt, 303. feat, 304. overlap, 305. gene, 306. fibrosis, 307. slide, 308. measurement

Session 3: Fill in the Blanks

1. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
v. to force, take, or pull apart; mark as different

2. The government established by the coup was more _____ than before.
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

3. This machine is too difficult to _____ for me.
v. to work in a particular way; to supervise something

4. He had undergone heart _____ years before.
n. medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

5. Scientists are studying the human _____ to understand better how proteins work in the body.
n. the entire complement of proteins that can be expressed by a genome, cell, tissue, or organism, including all of its functional forms and modifications

6. 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

7. We have finally lost our last _____.
n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

ANSWERS: 1. separate, 2. radical, 3. operate, 4. surgery, 5. proteome, 6. genetic, 7. prop

8. We had a _____ time yesterday.
adj. very great in degree or extent or amount or impact; extremely good
9. Use a singular _____ if the subject is singular.
n. a word or phrase that describes an action, state, or experience
10. These gas nebulas are merely newborn galactic _____.
n. the most essential or fundamental part of something
11. Untreated _____ can cause serious health problems.
n. a sexually transmitted disease caused by the bacterium *Treponema pallidum*, characterized by multiple stages and a wide range of symptoms
12. 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
13. Each ancient tribe has its _____ traditions.
n. the process of becoming or making somebody or something well again
14. 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
15. The _____ carbon-14 is commonly used in radiocarbon dating of fossils.
n. a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties

ANSWERS: 8. tremendous, 9. verb, 10. cores, 11. syphilis, 12. complicated, 13. healing, 14. nation, 15. isotope

16. The _____ of companies pooled their resources to fund the project.
n. a group or association of individuals, organizations, or businesses that come together for a common purpose or goal
17. She received special _____ training at the hospital.
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
18. 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
19. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
20. He removed the _____ from the tree.
n. the hard outer layer of a tree; a sound made by dogs or some other animals
21. I _____ eat fast food because I prefer healthy options.
adv. not happening often; infrequently; seldom
22. The team's _____ in the championship resulted from their hard work and dedication.
n. a great victory or achievement
23. The _____ of his discovery cannot be overstated.
n. the importance or value attached to something; the quality of being significant or noteworthy
24. The doctor prescribed _____ to treat the bacterial infection.
n. an antibiotic drug derived from mold and used to treat bacterial infections

ANSWERS: 16. consortium, 17. clinical, 18. biology, 19. unfortunately, 20. bark, 21. rarely, 22. triumph, 23. significance, 24. penicillin

25. The patient displays a _____ of a side effect.
- n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
26. A _____ star is incredibly dense and has a strong gravitational pull.
- n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
27. Breast _____ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
28. Leprosy is an indolent _____ disease.
- adj.* able to be passed quickly from one person, animal, or plant to another, especially through air or water
29. 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.
30. The man _____ before opening the door.
- v.* to take a short break from talking or doing something before continuing
31. Their _____ strictly prohibits them from drinking or gambling.
- n.* a deep conviction in a supernatural power that controls human destiny
32. 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

ANSWERS: 25. symptom, 26. neutron, 27. cancer, 28. infectious, 29. treatment, 30. paused, 31. religion, 32. institutes

33. Greed is the primary _____ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish
34. My mom always switches butter for _____ in recipes.
- n.* a yellow substance made from vegetable oils or a blend of vegetable and animal fats, commonly used as a substitute for butter and is typically lower in saturated fat and cholesterol
35. Smoking can increase a person's _____ to lung cancer.
- n.* a tendency or inclination to a particular behavior or condition, often due to genetic or environmental factors
36. 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
37. The hunter _____ the deer with an arrow.
- v.* to pierce with a sharp object, causing injury or death; (noun) coagulated blood from a wound
38. The _____ system kept the lawn green and healthy.
- n.* a device that sprays water over a large area used especially for watering crops or gardens or for firefighting
39. During the power outage, they relied heavily on their emergency _____ filled with non-perishable foods.
- n.* a room or cupboard in which food supplies, especially perishable ones like meat and dairy products, are stored; a supply of food and provisions, typically stored for future use

ANSWERS: 33. ingredient, 34. margarine, 35. predisposition, 36. specific, 37. gored, 38. sprinkler, 39. larder,

40. The _____ of the bees filled the air as she walked through the garden.

adj. producing a continuous, low, vibrating sound like that of the bee

41. He suffers from _____ breakdowns.

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

42. This company's _____ plant is an enormous facility.

n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

43. He is a specialist in the _____ of aging.

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

44. Human behavior has _____ characteristics.

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

45. Disability is a physical _____ to living everyday life.

n. a rule or act that restricts the scope of something

46. Can you _____ 123321 by eleven?

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

47. The road workers spread ____ over the cracks in the pavement to prevent water and ice from causing further damage.

n. a thick, sticky substance that is dark in color and is commonly used for road surfacing or as a material for roofing; a common byproduct of burning coal or wood

ANSWERS: 40. humming, 41. nervous, 42. assembly, 43. genetics, 44. fundamental, 45. limitation, 46. divide, 47. tar

48. Many cancer patients undergo _____ as a treatment option.
n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
49. The surgeon removed the tumor using _____ video assistance.
adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
50. The _____ error of this industrial machine is less than one micrometer.
n. the act or process of finding something's size, quantity, or degree
51. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
adj. extremely good; excellent
52. Most countries prohibit sexual activity between certain close _____.
adj. considered and evaluated through comparison with something else
53. 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
54. He _____ his tea slowly, savoring the taste.
v. to drink a liquid by taking small mouthfuls; (noun) a small drink
55. We do move forward with those tasks in _____ next week.
n. a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 48. chemotherapy, 49. robotic, 50. measurement, 51. fantastic, 52. relatives, 53. process, 54. sipped, 55. sequence

56. This facility has the largest astronomical _____ in the country.
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
57. We can hear an _____ piano melody from his room.
adj. extremely beautiful and delicate
58. The _____ storm clouds filled the sky with ominous darkness.
adj. drawing nearer in time or space; coming close to someone or something
59. A deficiency in the _____ can lead to a medical condition.
n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
60. I had to call a _____ to fix the leaky faucet in my bathroom.
n. a person who installs and repairs the pipes and fixtures of a water supply, heating system, or drainage system
61. The teacher is very _____ to children's feelings.
adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
62. The results of the two experiments were in _____.
n. the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
63. Her _____ manner relaxed everyone there.
adj. having or showing a kindly or tender nature; soft and mild

ANSWERS: 56. telescope, 57. exquisite, 58. approaching, 59. enzyme, 60. plumber, 61. sensitive, 62. correspondence, 63. gentle

64. In some foreign languages, the gender of _____ exists.
n. a word that generally functions as the name of a specific object or set of objects
65. He postulated a completely different _____ to explain all these phenomena.
n. a standard or typical example of something; a pattern or model
66. 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
67. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.
n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies
68. 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
69. Skydiving is an overwhelming _____ for many people.
n. a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
70. He studied the _____ of radiation.
n. the science of matter and energy and their interactions
71. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
n. a small piece or part broken off or detached

ANSWERS: 64. nouns, 65. paradigm, 66. protein, 67. oncology, 68. malaria, 69. thrill, 70. physics, 71. fragments

72. It seems _____ that he has forgotten our scheduled meeting.
adj. likely to happen or likely to be true
73. If necessary, you can _____ the front seats forward.
v. to move or cause to move smoothly along a surface without interruption
74. He tried every possible treatment, including chemotherapy and _____ therapy.
n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
75. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air
76. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
77. He is completely _____ having lost all his hair due to chemotherapy.
adj. having no hair on the head; having a smooth, shiny scalp with no hair
78. He has terminal _____ cancer.
n. either of the two organs in the chest that people and some animals use for breathing
79. It's notoriously challenging to _____ birth rates.
v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
80. He _____ serious accounting irregularities that only people in the company's executive could know.
v. to allow liquid or gas to get in or out from a hole or crack in a pipe or container

ANSWERS: 72. probable, 73. slide, 74. radiation, 75. zoomed, 76. equivalent, 77. bald, 78. lung, 79. predict, 80. leaked

81. How extraordinarily _____ a liar the camera is.

adj. difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

82. The _____ of his idea came from watching birds flying in flocks.

n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

83. His father's death changed his whole _____ on life.

n. a confident attitude toward something; a particular style of thinking about something

84. She accidentally _____ into him in the crowded room.

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

85. French is a _____ of Latin.

n. something which is based on another thing or word or idea; a financial instrument whose value is based on another security

86. The human _____ contains approximately three billion chemical base pairs.

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

87. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

88. The patient was sent for an X-ray to determine the cause of the _____ in her abdomen.

n. a sac, cavity, or abnormal growth in the body that is typically filled with fluid or semisolid material; usually benign but can also be cancerous and require treatment

ANSWERS: 81. slippery, 82. germ, 83. perspective, 84. bumped, 85. derivative, 86. genome, 87. miraculous, 88. cyst

89. After my skiing accident, I had to wear a leg _____ for several weeks.
- n.* a rigid or flexible device used to immobilize or support a broken or injured bone or joint, often made of wood, metal, or other sturdy materials and commonly used in first aid or medical settings
90. He grilled the _____ meat of a chicken.
- n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
91. The _____ of the discussion was the current state of the economy.
- n.* a subject that is being discussed or written about
92. I need to _____ plans with him for the celebration.
- v.* to plan, prepare for, and carry out something
93. We _____ the payment because of an incorrect invoice.
- v.* to cause something to happen at a later time than originally intended or expected
94. He had painted the wood to _____ stone.
- v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
95. 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
96. I don't _____ take a vacation in the middle of summer.
- adv.* usually; under normal conditions

ANSWERS: 89. splint, 90. breast, 91. topic, 92. arrange, 93. delayed, 94. simulate, 95. patient's, 96. normally

97. A business plan is a _____ for your success.
n. a photographic print of an early plan for a building or machine
98. She accidentally left a _____ on the newly painted wall.
n. a blurry or dirty mark or stain left by rubbing or smearing something; also, a bundle of material, such as sage or incense, that is burned to produce smoke for purification or ritual purposes
99. The patient was diagnosed with a _____ in her lung.
n. a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
100. Push the button and let the water _____ away.
v. to empty or dry something by removing the liquid from it
101. He worked at the _____ of behavioral economics.
n. a border that separates two countries, or the area near this line
102. This lawsuit appears to be unfair and _____.
adj. not remaining constant or in agreement
103. 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
104. The tonic water in my drink contains _____ giving it a slightly bitter taste.
n. a bitter-tasting alkaloid compound found in the bark of certain cinchona trees, used in medicine to treat malaria

ANSWERS: 97. blueprint, 98. smudge, 99. tumor, 100. drain, 101. frontier, 102. inconsistent, 103. relate, 104. quinine,

105. This device is used to _____ brain cancer and other tumors.
v. to determine or distinguish the nature of a problem or an illness through a careful analysis
106. The invention of the camera triggered the development of _____ painting.
adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence
107. There was a vast _____ between the two tribes.
n. a competition in which people compete for supremacy in a sport or other activity; a struggle between rivals
108. We elected him to _____ us at the international conference.
v. to speak, act, or be present on behalf of another person or group; to form or constitute
109. He _____ jumped out of his chair when he heard the news.
adv. in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
110. The hypothesis is not yet _____ proven.
adv. in a way that relates to science or is connected with science
111. The goats often _____ heads when they are fighting for dominance.
v. to strike or push something with the flat end of your hip or buttocks; to hit or knock forcefully; (noun) the remaining end of a smoked cigarette
112. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 105. diagnose, 106. abstract, 107. contest, 108. represent, 109. literally, 110. scientifically, 111. butt, 112. feat

113. 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

114. The _____ aspirin brand was just as effective as the name brand but much cheaper.

adj. not specific; not linked to a particular brand or product

115. Trees absorb _____ dioxide and give off oxygen.

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

116. The baby _____ 1 pound 3 oz.

v. to have a particular weight; to carefully evaluate things before making a conclusion

117. The doctor diagnosed him with cardiac _____ which put him at risk for heart failure.

n. the formation of excess fibrous connective tissue in an organ or tissue, often associated with inflammation, scarring, or injury; a pathological condition that can affect various organs and tissues of the body, leading to impaired function and potential organ failure

118. There was no _____ between their proposals.

v. to partially cover something by going beyond its edge

119. The two products _____ in their quality and price.

v. to be not like someone or something in some way

120. He _____ hypotheses that no mathematician has ever imagined before.

v. to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 113. medical, 114. generic, 115. carbon, 116. weighs, 117. fibrosis, 118. overlap, 119. differed, 120. constructs

121. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
122. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
123. The once-thriving city has _____ into a crime-ridden slum.
v. (of a person, animal, or plant) to become worse in health or physical condition
124. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
125. I woke up with a _____ in my neck from sleeping in an awkward position.
n. sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
126. Who answers _____ knows little.
adv. quickly and unexpectedly
127. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
128. The study aimed to establish a _____ relationship between smoking and lung cancer.
adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

ANSWERS: 121. Climate, 122. digital, 123. degenerated, 124. mechanisms, 125. crick, 126. suddenly, 127. chemical, 128. causal

129. These articles cite five _____ of climate change.

n. a particular example or single occurrence of something

130. The _____ properties of this herb have been known to help with various ailments.

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

131. They tried to _____ the old map with the new one to compare the changes.

v. to place or cover something over or on top of something else; to add a layer of functionality or data on top of another (noun) a layer of material placed on top of a surface, typically to protect or decorate it

132. You are not _____ in your behavior.

adj. always behaving or happening in the same way, or having the same thoughts, standards, etc.

133. Your _____ reflects your thoughts.

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

134. He proposed an _____ program of public works.

adj. containing a lot of carefully prepared and organized or many complicated and detailed parts

135. The content is _____ and informative for me.

adj. sharply exact or accurate or delimited

136. The corporation _____ dominated the entire tobacco business.

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

ANSWERS: 129. instances, 130. medicinal, 131. overlay, 132. consistent, 133. conversation, 134. elaborate, 135. precise, 136. eventually

137. Men over the age of 50 are at a higher risk for _____ cancer.

- n.* a small gland located near the bladder (= an organ located in the lower abdomen) in males that produces fluid that becomes part of semen

138. I need to ____ my head to the beat of the music.

- v.* to move up and down quickly and repeatedly, often in a short, jerky motion; to cut, trim, or shorten hair, especially by repeatedly snipping with scissors; (noun) a hairstyle in which the hair is cut short and even all around, usually above the shoulders

139. A defective _____ is responsible for the disease.

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

140. We want to _____ you to our annual charity event.

- v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

141. The tsunami swamped every boat in the _____.

- n.* an area of water next to the coast where ships and boats are protected from rough water by piers, jetties, and other artificial structures; (verb) keep in one's possession

142. Some kinds of machine learning models show an _____ to how people learn.

- n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

143. The lawyer confirmed that the _____ on the contract was genuine.

- n.* a person's name, often handwritten, written in a distinctive way as a form of identification or authorization; a distinctive feature or characteristic that is a hallmark or identifying mark of something or someone

ANSWERS: 137. prostate, 138. bob, 139. gene, 140. invite, 141. harbor, 142. analogy, 143. signature

144. This ad campaign is aimed _____ at young women.

adv. only associated with or meant for one thing

145. Absolute zero is the lowest _____ temperature.

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

146. The _____ in my house needs to be replaced because it keeps leaking.

n. the system of pipes, fittings, and fixtures that are used to distribute water and remove waste in a building or structure; the trade or profession of installing and maintaining such systems

147. 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

148. 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

149. Military technology eventually became the foundation for _____ technology that supported people's lives.

adj. of or relating to a subject of study, especially a science, that is used in a practical way

150. I asked my boss for _____ to leave early for a doctor's appointment.

n. consent or authorization given by someone in authority or by the owner of something, allowing someone to do something or allowing something to occur

151. Her research team made an important _____.

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

ANSWERS: 144. specifically, 145. theoretical, 146. plumbing, 147. disease, 148. automated, 149. applied, 150. permission, 151. discovery

152. She explained the _____ surrounding the accident.

n. the specific conditions or events that surround a particular situation or occurrence

153. They study the _____ of the universe.

n. a gradual process of transformation of living things

154. She was _____ and found a solution to the problem on her own.

adj. showing creativity and ability to find quick and practical solutions to problems

ANSWERS: 152. circumstances, 153. evolution, 154. resourceful