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Vocabulary Builder Reference from...

Noel Bairey Merz: The single biggest health threat women face | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- cardiovascular** *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
(1) **cardiovascular** diseases, (2) **cardiovascular** tissue
Smoking places you at severe risk of **cardiovascular** and respiratory disease.
- 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.
- lifetime** *n.* the duration of someone's life or something's existence;
synonym: lifespan, duration
(1) **lifetime** benefits, (2) **lifetime** ban from the sport
She had lived through two world wars in her **lifetime**.
- addition** *n.* the act or process of adding something to something else; the process of adding numbers
synonym: accumulation, expansion, addendum
(1) chemical **addition**, (2) **addition** of vectors

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

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

wax

n. a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

(1) **wax** finish, (2) **wax** and wane

He sealed the letter with a **wax** seal.

conquer

v. to bring under control by force or authority

synonym: defeat, overpower, subdue

(1) **conquer** fatal disease, (2) **conquer** the world

You must **conquer** your anxiety about driving.

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.

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.

primarily

adv. mainly

synonym: largely, mainly, mostly

(1) intended **primarily** for young people, (2) **primarily** affect adults

All peaceful cooperation is based **primarily** on mutual trust.

mortality

n. the quality or state of being subject to death

synonym: fatality

(1) **mortality** due to cancer, (2) lower infant **mortality**

This disease has a high **mortality**.

gap

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym: opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**

Many people are working together to close the gender **gap**.

widen

v. to become or make something broader, wider, more extensive

synonym: broaden, enlarge, extend

(1) **widen** in excitement, (2) **widen** a narrowed heart valve

He **widened** his investigation into a medical clinic.

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.

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.

therapeutic

adj. relating to or involved in the treatment of illness or injury
synonym: healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration

Yoga is known to have **therapeutic** benefits for the mind and body.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

develop

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

synonym: evolve, progress, advance

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

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

competition

n. a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

gasp

v. to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise

synonym : breathe, pant, heave

(1) **gasp** for air, (2) **gasp** in shock

The audience **gasped** when the magician made the rabbit disappear from the hat.

strike

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

synonym : hit, impact, influence

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

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

cardiac

adj. of or relating to the heart or heart disease

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

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

opportune

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

synonym : suitable, timely, practical

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

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

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.

wig

n. a head covering made of synthetic or real hair worn for a variety of reasons, including as a fashion accessory, to

conceal hair loss or baldness, or as part of a costume
synonym : hairpiece, toupee, hair system

(1) curly **wig**, (2) blonde **wig**

She decided to wear a pink **wig** to the costume party.

advocate

n. a person who supports or suggests an idea, development, or way of doing something

synonym : proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education

advocates

Advocates of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

ford

n. a shallow place in a river or stream where it is possible to walk or drive across

synonym : crossing, traversing, passing

(1) **ford** a river, (2) across a **ford**

The river was too deep to cross, so we had to find a **ford** downstream where the water was shallower.

survivor

n. a person who remains alive after an event in which others have died

synonym : subsister

(1) ovarian cancer **survivor**, (2) a single **survivor**

The shipwreck **survivor** was rescued after floating in the ocean for three days.

physician

n. a medical doctor who practices medicine

synonym : doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

bat

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball,

cricket, and table tennis

synonym : cane, rod, stick

(1) **bat** cave, (2) **bat** an eye

The cave was a habitat for **bats**.

therapy

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

synonym : antidote, medicine, treatment

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

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

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

debt

n. something, especially money, goods, or services owed by one person to another; the state of owing something

synonym : liability, obligation, deficit

(1) **debt** ceiling, (2) corporate **debt**

He became in **debt** after losing his job.

gratitude

n. the quality of being thankful; readiness to show appreciation for and to return kindness

synonym : appreciation, thankfulness, indebtedness

(1) a debt of **gratitude**, (2) feelings of **gratitude**

She expressed her **gratitude** towards the kind stranger who helped her.

depict

v. to illustrate someone or something in a photograph

synonym : illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

portray

v. to depict or describe someone or something in a painting, film, book, or other artistic work

synonym : depict, describe, illustrate

(1) **portray** feelings in words, (2) accurately **portray** the condition

We often **portray** political problems as religious issues.

educated

adj. having received a high standard of education

synonym : knowledgeable, erudite, enlightened

(1) **educated** adult, (2) **educated** speech

Excellent speech is a characteristic of an **educated** man.

impersonate

v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

synonym : imitate, mimic, copy

(1) **impersonate** a government official, (2) **impersonate** a character

The comedian is famous for his ability to **impersonate** famous politicians.

cardiologist

n. a medical doctor who specializes in the study and treatment of the heart and the circulatory system

synonym : heart doctor, heart specialist, cardiac specialist

(1) **cardiologist** appointment, (2) skilled **cardiologist**

My grandfather is seeing a **cardiologist** to monitor his heart condition.

editorial

adj. relating to the expression of opinions or interpretations in the media

synonym : comment, opinion, critique

(1) gain **editorial** help, (2) an **editorial** article

The newspaper published an **editorial** on the current state of the economy.

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

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.

syndrome

n. a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

synonym: disorder, condition, complication

(1) **syndrome** of dementia, (2) acute **syndrome**

The patient was diagnosed with a rare genetic **syndrome**.

hypothesize

v. to form or present a theory or explanation without sufficient evidence; to speculate

synonym: speculate, theorize, conjecture

(1) **hypothesize** as to outcomes, (2) **hypothesize** what could have happened

Scientists **hypothesize** that the new fish species evolved to survive in deep-sea environments.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

subsequent

adj. happening or occurring later or after something else

synonym: later, following, ensuing

(1) over **subsequent** months, (2) reduce **subsequent** mortality

In the **subsequent** meeting, the team discussed ways to improve productivity.

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.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym: medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

enterprise

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym : business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

controversy

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

synonym : disagreement, dispute, argument

(1) **controversy** among researchers, (2) arouse

controversy

They entered into **controversy** with the member of the ruling party.

initiative

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

synonym : enterprise, drive, ambition

(1) a peace **initiative**, (2) take **initiative**

The teacher's **initiative** to start a school garden project was met with enthusiasm from the students.

hormone

n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

(1) **hormone** secretion, (2) female **hormone**

The doctor diagnosed me with a **hormone** disorder.

replacement

n. the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

synonym : alternate, substitute, backup

(1) regular **replacement** of tires, (2) **replacement** cost

We demand his **replacement**.

osteoporosis

n. a medical condition characterized by a loss of bone density or mass, resulting in fragile and porous bones that are at increased risk for fractures

(1) **osteoporosis** treatment, (2) **osteoporosis** prevention

As we age, we become more at risk for **osteoporosis**, a condition that weakens the bones in our bodies.

colon

n. the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

(1) **colon** examination, (2) the **colon** at the end of the sentence

Consumption of vegetables may aid in the prevention of **colon** cancer.

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.

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.

ischemic

adj. relating to or caused by an inadequate supply of blood to an organ or tissue, leading to reduced oxygen and nutrient levels

synonym : blocked, restricted, reduced blood flow

(1) **ischemic** stroke, (2) **ischemic** optic neuropathy

The patient was diagnosed with **ischemic** heart disease requiring immediate medical attention.

evaluate

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

synonym : assess, estimate, consider

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

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

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.

observation

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

synonym: watching, notice, reflection

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

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

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

fatty

adj. containing a lot of fat

synonym: greasy, oily

(1) less **fatty** meat, (2) **fatty** acid

You should keep away from **fatty** foods.

plaque

n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

synonym: tablet, plate, medal

(1) arterial **plaque**, (2) commemorative **plaque**

The dentist removed the **plaque** from my teeth during my cleaning appointment.

coronary

adj. of or relating to the heart, especially the arteries that supply blood to the heart muscle; (noun) medical conditions related to these arteries, such as coronary artery disease

synonym : cardiac, heart-related, heart disease

(1) **coronary** artery bypass grafting, (2) **coronary** disease
The patient underwent **coronary** angiography to visualize the blood flow in his heart.

artery

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

synonym : blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease
Continuous consumption of fatty foods leads to the hardening of the **artery**.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym : wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust
The ongoing budget cuts have **eroded** the quality of education in many schools.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym : detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity
The old building **exploded** in a fiery inferno.

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.

physiology

n. the branch of the biological sciences dealing with the functioning of organisms

(1) human **physiology**, (2) **physiology** research

Physiology is the science of how living things work.

horrible

adj. extremely unpleasant or bad; causing fear or disgust

synonym: dreadful, terrible, awful

(1) **horrible** accident, (2) **horrible** smell

The experience was **horrible** and left a lasting impression.

abnormal

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

synonym: aberrant, bizzare, unusual

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

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

clot

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

synonym: clump, coagulation, thrombus

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

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

catheter

n. a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure

synonym: tube, drainage tube, pipe

(1) insert **catheter**, (2) urinary **catheter**

After the surgery, the patient was required to wear a **catheter** for several days.

lab

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

synonym: workshop, laboratory, research chamber

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

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

boom

n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

synonym : roaring, prosperity, boost

(1) **boom** in sales, (2) a sonic **boom**

The high-technology industry is enjoying a **boom**.

rid

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym : do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym : group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

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.

subtle

adj. not readily apparent or visible

synonym : slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

vascular

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

synonym : circulatory, cardiovascular, arterial

(1) **vascular** disease, (2) **vascular** surgery

The doctor detected a blockage in the patient's **vascular** system.

ultrasound

n. higher frequency sound than humans can hear

(1) **ultrasound** meter, (2) **ultrasound** scan

An **ultrasound** scan showed that the baby was a girl.

deposit

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

synonym: bank, installment, sedimentation

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

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

obese

adj. excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more

synonym: overweight, corpulent, plump

(1) **obese** individuals, (2) **obese** children

The doctor warned him that his **obese** condition put him at risk for numerous health problems.

focal

adj. relating to an important or central point or area; sharp or precise in focus or detail

synonym: central, main, primary

(1) **focal** neurological deficit, (2) **focal** length

The photographer adjusted the camera to focus on the image's **focal** point.

cellulite

n. a skin condition that causes a dimpled, lumpy appearance, particularly on the thighs, hips, and buttocks; caused by pockets of fat pushing against connective tissue under the skin

(1) **cellulite** treatment, (2) **cellulite** removal

Regular exercise and a healthy diet can help prevent the

formation of **cellulite**.

garbage

n. waste material, especially food waste and kitchen refuse
synonym : waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

dump

v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

synonym : throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

panel

n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym : board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

lumpy

adj. having many small bumps, irregularities, or unevenness; forming or consisting of small lumps

synonym : bumpy, uneven, lopsided

(1) **lumpy** mattress, (2) **lumpy** sugar

The batter for the cake was **lumpy** and needed to be smoothed out.

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.

belly

n. the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

synonym : stomach, abdomen, gut

(1) the **belly** of the ship, (2) with an empty **belly**

She had a tattoo just above her **belly** button.

angiography

n. a medical imaging technique that involves the visualization and examination of blood vessels, typically using the injection of a contrast agent and X-ray imaging to highlight and study the circulatory system

synonym : arteriography, vascular imaging

(1) **angiography** procedure, (2) digital **angiography**

After experiencing chest pains, he underwent coronary **angiography** to check for blockages in his heart's arteries.

craft

n. an activity that requires a particular skill in making things with one's hands

synonym : art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

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**.

implication

n. something that is inferred or indirectly stated; the act or fact of being involved in something

synonym : suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

invasive

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

synonym: aggressive, rampant, spreading

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

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

magnetic

adj. having the properties of attracting or repelling certain materials containing iron or steel

synonym: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

resonance

n. a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

synonym: echo, vibration, reverberation

(1) **resonance** frequency, (2) harmonic **resonance**

The singer's voice filled the auditorium with beautiful **resonance**.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

translate

v. to convert or change words into another language

synonym: convert, transcribe, render

(1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

mod

n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

synonym : alteration, modification, tweak

(1) **mod** culture, (2) a house with **mod** cons

The **mod** for the video game added new features and improved gameplay.

blush

v. to become red in the face from embarrassment, shame, or modesty

synonym : flush, redden, glow

(1) **blush** bright red, (2) **blush** for my mistake

She **blushed** when the boy complimented her.

obstruction

n. something that blocks the path or progress of something else; an obstacle or barrier that impedes movement, action, or progress

synonym : barrier, obstacle, hindrance

(1) airway **obstruction**, (2) **obstruction** of justice

The tree branch in the middle of the walking path created an **obstruction** for pedestrians.

dysfunction

n. a problem or fault in a system, organism, or part of the body or machine

synonym : malfunction, disorder, disfunction

(1) **dysfunction** of kidneys, (2) brain **dysfunction**

The **dysfunction** in the relationship was causing problems for both partners.

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.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF
She stood on the podium and **scanned** an audience.

X-ray

n. a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed

synonym: roentgenogram, photon radiography

(1) **X-ray** scan, (2) an **X-ray** of arteries

The doctor ordered an **X-ray** to see if there was any damage to the bones.

thallium

n. a chemical element with the symbol Tl and atomic number 81, which is a soft, malleable gray metal that resembles tin but can be poisonous used in photocells and used as a poison in the past

synonym: Tl

(1) **thallium** sulfate, (2) **thallium** test

The patient was diagnosed with **thallium** poisoning after exposure to the toxic substance.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

inquiry

n. the act or process of asking a question or asking for information; an official process of investigating a matter of public interest

synonym: question, research, exploration

(1) **inquiry** about the product, (2) launch an **inquiry**

Our tech support responds to the first **inquiry** exceptionally promptly.

advance

v. to go or move forward; to develop in a positive way
synonym : progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

downstream

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

synonym : lower, below, later

(1) go **downstream** in a boat, (2) **downstream** processing
The boat drifted **downstream** and was carried away by the current.

consequence

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

synonym : result, impact, outcome

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

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

pictogram

n. a graphic symbol that conveys its meaning through its pictorial resemblance to a physical object

(1) **pictogram** color, (2) a **pictogram** code

That town installed signs digitally displaying **pictograms** to reduce traffic accidents.

lifesaving

n. the act or process of rescuing someone else's life, especially from drowning

(1) **lifesaving** efforts, (2) **lifesaving** device

The patient needs a **lifesaving** transplant operation.

cutting-edge

adj. being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

synonym : state-of-the-art, innovative, advanced

(1) **cutting-edge** molecular biology, (2) **cutting-edge** design

The **cutting-edge** technology was revolutionary in its field.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

stem

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

synonym: branch, limb, (verb) come from

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

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

physiological

adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

synonym: biological, organic, bodily

(1) **physiological** response, (2) **physiological** activity

The doctor explained the various **physiological** changes that occur during pregnancy.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

injury

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

synonym : wound, damage, hurt

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

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

cellular

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

synonym : organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

robust

adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

synonym : healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

longevity

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

synonym : seniority, endurance

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

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

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym : open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

zero-sum

adj. referring to a situation in which an equal loss offsets each gain; describing a condition in which the total gains and losses balance to zero

synonym : equivalent, balanced, even-handed

(1) **zero-sum** economics, (2) **zero-sum** mentality

In some sports, such as tennis, the competition is a **zero-sum** game, with only one player able to win each match.

curve

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym : bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

propose

v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes
I want to **propose** a toast in honor of our longstanding relationship.

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.

row

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

synonym: line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees
He was the leader of the demonstrators and spoke out against the war in the front **row**.

hoe

n. a garden tool with a flat blade attached at right angles to a long handle

(1) garden **hoe**, (2) weeding **hoe**

She purchased a **hoe** and a sickle for a backyard vegetable garden.

stake

n. a share or financial investment in something such as a business; a wooden or metal post set up to mark something

synonym: share, interest, post

(1) execution by burning at a **stake**, (2) buy the company's **stake**

The **stake** of the company is too high nowadays.

mammography

n. the process of using X-rays to examine the breast for the early detection of breast cancer

synonym: breast imaging, mammogram, breast X-ray

(1) diagnostic **mammography**, (2) digital **mammography**
Women should get regular **mammography** screenings as a preventative measure for breast cancer.

fundraise

v. to collect or solicit funds or donations, typically for a charity, nonprofit organization, or political campaign, often through events, campaigns, or online platforms

synonym: appeal, raise, solicit

(1) **fundraise** a charity fund, (2) **fundraise** for a new shelter
The school is planning to **fundraise** to purchase new books for the library.

participate

v. to take part in something

synonym: take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program

The majority of students actively **participated** in the college's intramural sports program.

advocacy

n. the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying

synonym: support, promotion, defense

(1) **advocacy** group, (2) consumer **advocacy** group

The group engages in **advocacy** through lobbying and campaigning for policy changes.

standpoint

n. a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter

synonym: viewpoint, perspective, opinion

(1) **standpoint** theory, (2) moral **standpoint**

From a marketing **standpoint**, this product may need to be more effective.

feast

n. a large meal, typically one served on a special occasion

synonym: banquet, celebration, dinner

(1) a **feast** for the eyes, (2) a nightly **feast**

The royal **feast** celebrated the harvest, and the community enjoyed it.

famine

n. a severe shortage of food, often caused by drought, war, or economic reasons

synonym: hunger, starvation, drought

(1) **famine** relief, (2) coal **famine**

The severe **famine** caused by the drought has left many people without food.

implore

v. to beg earnestly or desperately; to plead urgently for assistance or mercy

synonym: beg, beseech, plead

(1) **implore** forgiveness, (2) **implore** assistance

I **implore** you to reconsider your decision before it's too late.

Session 2: Spelling

1. a peace ini_____ve
n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
2. go dow_____am in a boat
adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current
3. 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
4. fa__y acid
adj. containing a lot of fat
5. a ro___t appetite
adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
6. accurately po_____y the condition
v. to depict or describe someone or something in a painting, film, book, or other artistic work
7. co_____ry disease
adj. of or relating to the heart, especially the arteries that supply blood to the heart muscle; (noun) medical conditions related to these arteries, such as coronary artery disease
8. co_____ry artery bypass grafting
adj. of or relating to the heart, especially the arteries that supply blood to the heart muscle; (noun) medical conditions related to these arteries, such as coronary artery disease

ANSWERS: 1. initiative, 2. downstream, 3. discovery, 4. fatty, 5. robust, 6. portray, 7. coronary, 8. coronary

9. im____e assistance *v.* to beg earnestly or desperately; to plead urgently for assistance or mercy
10. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
11. ad____e the technology *v.* to go or move forward; to develop in a positive way
12. consumer ad____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
13. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
14. class obs_____on day *n.* the act or activity of carefully examining or monitoring something or someone
15. corporate d__t *n.* something, especially money, goods, or services owed by one person to another; the state of owing something
16. regular rep_____nt of tires *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
17. un____d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
18. 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: 9. implore, 10. opportune, 11. advance, 12. advocacy, 13. stem, 14. observation, 15. debt, 16. replacement, 17. unfold, 18. cancer

19. mo_____ty due to cancer *n.* the quality or state of being subject to death
20. 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
21. d__p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
22. lif_____ng device *n.* the act or process of rescuing someone else's life, especially from drowning
23. er__e coast *v.* to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
24. the co__n at the end of the sentence *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
25. the advice of the ph_____an *n.* a medical doctor who practices medicine
26. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
27. historical an_____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

ANSWERS: 19. mortality, 20. radiation, 21. dump, 22. lifesaving, 23. erode, 24. colon, 25. physician, 26. identify, 27. analogy

28. ho____le smell *adj.* extremely unpleasant or bad; causing fear or disgust
29. mo____n poetry *adj.* of or belonging to the present time or recent times
30. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
31. former co____ue *n.* one of a group of a coworker, especially in a profession or a business
32. de____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
33. bl__h bright red *v.* to become red in the face from embarrassment, shame, or modesty
34. re____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
35. 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
36. de____t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 28. horrible, 29. modern, 30. scan, 31. colleague, 32. develop, 33. blush, 34. recognize, 35. cancer, 36. deposit

37. li____me ban from the sport *n.* the duration of someone's life or something's existence;
38. a ma____ic tape *adj.* having the properties of attracting or repelling certain materials containing iron or steel
39. cutting-edge bio____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
40. obs____on instrument *n.* the act or activity of carefully examining or monitoring something or someone
41. harmonic re____ce *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
42. ad____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
43. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
44. over sub____nt months *adj.* happening or occurring later or after something else
45. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

ANSWERS: 37. lifetime, 38. magnetic, 39. biomedical, 40. observation, 41. resonance, 42. advocacy, 43. stem, 44. subsequent, 45. bat

46. 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
47. scientific jo_____l *n.* a newspaper or magazine specialized in a specific topic or profession
48. launch an in_____y *n.* the act or process of asking a question or asking for information; an official process of investigating a matter of public interest
49. learning cu___e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
50. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
51. acute sy_____me *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
52. 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
53. phy_____gy research *n.* the branch of the biological sciences dealing with the functioning of organisms
54. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.

ANSWERS: 46. chemotherapy, 47. journal, 48. inquiry, 49. curve, 50. injury, 51. syndrome, 52. institute, 53. physiology, 54. therapy

55. fu_____se for a new shelter *v.* to collect or solicit funds or donations, typically for a charity, nonprofit organization, or political campaign, often through events, campaigns, or online platforms
56. digital mam_____hy *n.* the process of using X-rays to examine the breast for the early detection of breast cancer
57. fa___e relief *n.* a severe shortage of food, often caused by drought, war, or economic reasons
58. a sonic b__m *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
59. a ce_____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
60. dow_____am processing *adv.* in the direction that a stream or river flows; (adjective) in the direction of a stream's current
61. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
62. de___t a feeling of isolation *v.* to illustrate someone or something in a photograph
63. pa__l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 55. fundraise, 56. mammography, 57. famine, 58. boom, 59. cellular, 60. downstream, 61. addition, 62. depict, 63. panel

64. public education ad_____tes *n.* a person who supports or suggests an idea, development, or way of doing something
65. va_____ar surgery *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
66. at inc_____le speed *adj.* unbelievable; enormous
67. wi__n a narrowed heart valve *v.* to become or make something broader, wider, more extensive
68. ca_____c disease *adj.* of or relating to the heart or heart disease
69. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
70. in_____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
71. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
72. rep_____nt cost *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
73. ob__e individuals *adj.* excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more
74. an X-__y of arteries *n.* a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed

ANSWERS: 64. advocate, 65. vascular, 66. incredible, 67. widen, 68. cardiac, 69. communal, 70. invasive, 71. strike, 72. replacement, 73. obese, 74. X-ray

75. cut_____dge design *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
76. lu__y mattress *adj.* having many small bumps, irregularities, or unevenness; forming or consisting of small lumps
77. curly w_g *n.* a head covering made of synthetic or real hair worn for a variety of reasons, including as a fashion accessory, to conceal hair loss or baldness, or as part of a costume
78. a debt of gr_____de *n.* the quality of being thankful; readiness to show appreciation for and to return kindness
79. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
80. inc_____le amount *adj.* unbelievable; enormous
81. w_x finish *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large
82. ho_____e secretion *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

ANSWERS: 75. cutting-edge, 76. lumpy, 77. wig, 78. gratitude, 79. relation, 80. incredible, 81. wax, 82. hormone

83. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
84. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
85. garden h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
86. commemorative pl____e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
87. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
88. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
89. co_____r the world *v.* to bring under control by force or authority
90. fo__l neurological deficit *adj.* relating to an important or central point or area; sharp or precise in focus or detail
91. 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
92. de__t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 83. amazing, 84. recognize, 85. hoe, 86. plaque, 87. bump, 88. tremendous, 89. conquer, 90. focal, 91. discovery, 92. detect

93. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
94. di____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
95. ed____ed adult *adj.* having received a high standard of education
96. a seafaring na____n *n.* a large organized community of people living in a particular country or region and having a particular culture
97. pr____e changes *v.* to make a proposal, declare a plan for something
98. bl__h for my mistake *v.* to become red in the face from embarrassment, shame, or modesty
99. fu____se a charity fund *v.* to collect or solicit funds or donations, typically for a charity, nonprofit organization, or political campaign, often through events, campaigns, or online platforms
100. ro____t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
101. obs____on of justice *n.* something that blocks the path or progress of something else; an obstacle or barrier that impedes movement, action, or progress
102. ev____te a situation *v.* to assess or estimate the quality, significance, quantity, or value of something

ANSWERS: 93. amazing, 94. diagnose, 95. educated, 96. nation, 97. propose, 98. blush, 99. fundraise, 100. robust, 101. obstruction, 102. evaluate

103. is____ic stroke *adj.* relating to or caused by an inadequate supply of blood to an organ or tissue, leading to reduced oxygen and nutrient levels
104. blonde w_g *n.* a head covering made of synthetic or real hair worn for a variety of reasons, including as a fashion accessory, to conceal hair loss or baldness, or as part of a costume
105. consult with a ph_____an *n.* a medical doctor who practices medicine
106. reduce sub_____nt mortality *adj.* happening or occurring later or after something else
107. is____ic optic neuropathy *adj.* relating to or caused by an inadequate supply of blood to an organ or tissue, leading to reduced oxygen and nutrient levels
108. ost_____sis prevention *n.* a medical condition characterized by a loss of bone density or mass, resulting in fragile and porous bones that are at increased risk for fractures
109. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
110. de_____t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 103. ischemic, 104. wig, 105. physician, 106. subsequent, 107. ischemic, 108. osteoporosis, 109. scan, 110. deposit

111. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
112. er___e trust *v.* to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
113. pr_____ly affect adults *adv.* mainly
114. car_____lar tissue *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
115. d__t ceiling *n.* something, especially money, goods, or services owed by one person to another; the state of owing something
116. the g_p between ideal and reality *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
117. wi__n in excitement *v.* to become or make something broader, wider, more extensive
118. ost_____sis treatment *n.* a medical condition characterized by a loss of bone density or mass, resulting in fragile and porous bones that are at increased risk for fractures
119. tr_____te a document into English *v.* to convert or change words into another language
120. dys_____on of kidneys *n.* a problem or fault in a system, organism, or part of the body or machine

ANSWERS: 111. nation, 112. erode, 113. primarily, 114. cardiovascular, 115. debt, 116. gap, 117. widen, 118. osteoporosis, 119. translate, 120. dysfunction

121. ab____al cells *adj.* not typical, usual, or regular, especially in a way that is bad
122. a fe__t for the eyes *n.* a large meal, typically one served on a special occasion
123. develop a st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
124. the____ic massage *adj.* relating to or involved in the treatment of illness or injury
125. distance g_p *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
126. lu__y sugar *adj.* having many small bumps, irregularities, or unevenness; forming or consisting of small lumps
127. urinary ca____er *n.* a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure
128. the____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
129. a house with m_d cons *n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
130. ho____le accident *adj.* extremely unpleasant or bad; causing fear or disgust

ANSWERS: 121. abnormal, 122. feast, 123. strategy, 124. therapeutic, 125. gap, 126. lumpy, 127. catheter, 128. theoretical, 129. mod, 130. horrible

131. li_____me benefits *n.* the duration of someone's life or something's existence;
132. im_____e forgiveness *v.* to beg earnestly or desperately; to plead urgently for assistance or mercy
133. hyp_____ze as to outcomes *v.* to form or present a theory or explanation without sufficient evidence; to speculate
134. traditional me_____al *adj.* of or relating to the treatment or cure of disease
135. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
136. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
137. weeding h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
138. imp_____te a character *v.* to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire
139. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
140. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
141. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
142. phy_____cal activity *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

ANSWERS: 131. lifetime, 132. implore, 133. hypothesize, 134. medicinal, 135. bump, 136. implication, 137. hoe, 138. impersonate, 139. lab, 140. advance, 141. incredibly, 142. physiological

143. car_____ist appointment *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
144. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
145. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
146. pr_____e the amendment *v.* to make a proposal, declare a plan for something
147. c__t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
148. criminal on death r_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
149. ang_____hy procedure *n.* a medical imaging technique that involves the visualization and examination of blood vessels, typically using the injection of a contrast agent and X-ray imaging to highlight and study the circulatory system
150. arterial pl___e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

ANSWERS: 143. cardiologist, 144. rid, 145. rid, 146. propose, 147. clot, 148. row, 149. angiography, 150. plaque

151. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
152. intended pr_____ly for young people *adv.* mainly
153. the_____ic administration *adj.* relating to or involved in the treatment of illness or injury
154. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
155. car_____lar diseases *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
156. an ad_____te of disarmament *n.* a person who supports or suggests an idea, development, or way of doing something
157. the mountain's br____t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
158. with an empty be__y *n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
159. sta_____nt theory *n.* a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter

ANSWERS: 151. bat, 152. primarily, 153. therapeutic, 154. consequence, 155. cardiovascular, 156. advocate, 157. breast, 158. belly, 159. standpoint

160. his business ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
161. 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
162. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
163. lump of ga_____e *n.* waste material, especially food waste and kitchen refuse
164. field of gene th_____y *n.* the act of caring for someone through medication, remedial training, etc.
165. ga_____e collection *n.* waste material, especially food waste and kitchen refuse
166. d__p hazardous waste *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
167. lower infant mo_____ty *n.* the quality or state of being subject to death
168. human phy_____gy *n.* the branch of the biological sciences dealing with the functioning of organisms
169. coal fa___e *n.* a severe shortage of food, often caused by drought, war, or economic reasons
170. face inc_____gly complicated challenges *adv.* more and more

ANSWERS: 160. enterprise, 161. radiation, 162. addition, 163. garbage, 164. therapy, 165. garbage, 166. dump, 167. mortality, 168. physiology, 169. famine, 170. increasingly

171. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
172. lo_____ty crisis *n.* the property of being long-lived; significant duration of service
173. g__p in shock *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
174. re_____ce frequency *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
175. par_____te in the program *v.* to take part in something
176. th_____um test *n.* a chemical element with the symbol Tl and atomic number 81, which is a soft, malleable gray metal that resembles tin but can be poisonous used in photocells and used as a poison in the past
177. ult_____nd scan *n.* higher frequency sound than humans can hear
178. cr__t arts of Japan *n.* an activity that requires a particular skill in making things with one's hands
179. ze_____um economics *adj.* referring to a situation in which an equal loss offsets each gain; describing a condition in which the total gains and losses balance to zero

ANSWERS: 171. opportune, 172. longevity, 173. gasp, 174. resonance, 175. participate, 176. thallium, 177. ultrasound, 178. craft, 179. zero-sum

180. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
181. 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
182. jo_____l articles *n.* a newspaper or magazine specialized in a specific topic or profession
183. ar_____y blockage *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
184. ce_____te removal *n.* a skin condition that causes a dimpled, lumpy appearance, particularly on the thighs, hips, and buttocks; caused by pockets of fat pushing against connective tissue under the skin
185. de_____t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
186. undertake an ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
187. ovarian cancer su_____or *n.* a person who remains alive after an event in which others have died
188. execution by burning at a st___e *n.* a share or financial investment in something such as a business; a wooden or metal post set up to mark something

ANSWERS: 180. consequence, 181. chemotherapy, 182. journal, 183. artery, 184. cellulite, 185. detect, 186. enterprise, 187. survivor, 188. stake

189. a r_w of cherry trees *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
190. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
191. ex_____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
192. g__p for air *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
193. 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
194. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
195. ce_____te treatment *n.* a skin condition that causes a dimpled, lumpy appearance, particularly on the thighs, hips, and buttocks; caused by pockets of fat pushing against connective tissue under the skin
196. an ed_____al article *adj.* relating to the expression of opinions or interpretations in the media
197. cut_____dge molecular biology *adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity

ANSWERS: 189. row, 190. excite, 191. explode, 192. gasp, 193. disease, 194. diagnose, 195. cellulite, 196. editorial, 197. cutting-edge

198. ev____te the grant proposal *v.* to assess or estimate the quality, significance, quantity, or value of something
199. feelings of gr____de *n.* the quality of being thankful; readiness to show appreciation for and to return kindness
200. dem____te mastery *v.* to display something or give an exhibition to an interested audience
201. military st____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
202. a nightly fe__t *n.* a large meal, typically one served on a special occasion
203. collaborate with co____ues *n.* one of a group of a coworker, especially in a profession or a business
204. a single su____or *n.* a person who remains alive after an event in which others have died
205. brain dys____on *n.* a problem or fault in a system, organism, or part of the body or machine
206. airway obs____on *n.* something that blocks the path or progress of something else; an obstacle or barrier that impedes movement, action, or progress
207. risk of coronary ar____y disease *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
208. sy____me of dementia *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

ANSWERS: 198. evaluate, 199. gratitude, 200. demonstrate, 201. strategy, 202. feast, 203. colleague, 204. survivor, 205. dysfunction, 206. obstruction, 207. artery, 208. syndrome

217. across a f__d *n.* a shallow place in a river or stream where it is possible to walk or drive across
218. w_x and wane *n.* a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large
219. female ho____e *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
220. tre____us amount *adj.* very great in degree or extent or amount or impact; extremely good
221. inv____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
222. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
223. less fa__y meat *adj.* containing a lot of fat
224. st____e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
225. imp____te a government official *v.* to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire

ANSWERS: 217. ford, 218. wax, 219. hormone, 220. tremendous, 221. investigate, 222. breast, 223. fatty, 224. strike, 225. impersonate

226. lif_____ng efforts *n.* the act or process of rescuing someone else's life, especially from drowning
227. ce_____ar and molecular biology *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
228. 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
229. ed_____ed speech *adj.* having received a high standard of education
230. po_____y feelings in words *v.* to depict or describe someone or something in a painting, film, book, or other artistic work
231. cost of solar pa__ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
232. pi_____am color *n.* a graphic symbol that conveys its meaning through its pictorial resemblance to a physical object
233. gain ed_____al help *adj.* relating to the expression of opinions or interpretations in the media
234. a pi_____am code *n.* a graphic symbol that conveys its meaning through its pictorial resemblance to a physical object

ANSWERS: 226. lifesaving, 227. cellular, 228. disease, 229. educated, 230. portray, 231. panel, 232. pictogram, 233. editorial, 234. pictogram

235. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
236. diagnostic mam_____hy *n.* the process of using X-rays to examine the breast for the early detection of breast cancer
237. financial cr____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
238. 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
239. 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
240. in_____ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
241. f__d a river *n.* a shallow place in a river or stream where it is possible to walk or drive across
242. intraspecific com_____on *n.* a situation in which someone is attempting to beat or outperform another
243. the first round of the com_____on *n.* a situation in which someone is attempting to beat or outperform another

ANSWERS: 235. investigate, 236. mammography, 237. crisis, 238. institute, 239. symptom, 240. invasive, 241. ford, 242. competition, 243. competition

244. de___t a scene *v.* to illustrate someone or something in a photograph
245. par_____te fully in conversation *v.* to take part in something
246. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
247. moral sta_____nt *n.* a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter
248. ca_____c arrest *adj.* of or relating to the heart or heart disease
249. tr_____te the emotion to a movement *v.* to convert or change words into another language
250. buy the company's st__e *n.* a share or financial investment in something such as a business; a wooden or metal post set up to mark something
251. a su___e poison *adj.* not readily apparent or visible
252. ze_____um mentality *adj.* referring to a situation in which an equal loss offsets each gain; describing a condition in which the total gains and losses balance to zero
253. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
254. su___e changes *adj.* not readily apparent or visible
255. digital ang_____hy *n.* a medical imaging technique that involves the visualization and examination of blood vessels, typically using the injection of a contrast agent and X-ray imaging to highlight and study the circulatory system

ANSWERS: 244. depict, 245. participate, 246. bunch, 247. standpoint, 248. cardiac, 249. translate, 250. stake, 251. subtle, 252. zero-sum, 253. excite, 254. subtle, 255. angiography

256. cr__t manufacture *n.* an activity that requires a particular skill in making things with one's hands
257. lo_____ty genes *n.* the property of being long-lived; significant duration of service
258. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
259. va_____ar disease *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
260. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
261. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
262. co_____r fatal disease *v.* to bring under control by force or authority
263. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
264. X-__y scan *n.* a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed
265. th_____um sulfate *n.* a chemical element with the symbol Tl and atomic number 81, which is a soft, malleable gray metal that resembles tin but can be poisonous used in photocells and used as a poison in the past

ANSWERS: 256. craft, 257. longevity, 258. theoretical, 259. vascular, 260. identify, 261. lung, 262. conquer, 263. lab, 264. X-ray, 265. thallium

266. re____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
267. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
268. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
269. ma____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel
270. arouse con_____sy *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
271. ex____e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
272. blood c__t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
273. draw an____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
274. co__n examination *n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system

ANSWERS: 266. relation, 267. communal, 268. demonstrate, 269. magnetic, 270. controversy, 271. explode, 272. clot, 273. analogy, 274. colon

275. yield cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
276. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
277. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
278. take ini_____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
279. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
280. fo__l length *adj.* relating to an important or central point or area; sharp or precise in focus or detail
281. skilled car_____ist *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
282. phy_____cal response *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
283. ob__e children *adj.* excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more

ANSWERS: 275. curve, 276. crisis, 277. modern, 278. initiative, 279. implication, 280. focal, 281. cardiologist, 282. physiological, 283. obese

284. without in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
285. designed spe_____lly for men *adv.* only associated with or meant for one thing
286. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
287. b__m in sales *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
288. ab_____al heart rhythms *adj.* not typical, usual, or regular, especially in a way that is bad
289. con_____sy among researchers *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
290. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
291. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
292. for spe_____lly American customers *adv.* only associated with or meant for one thing
293. inc_____gly become common *adv.* more and more
294. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
295. m_d culture *n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

ANSWERS: 284. injury, 285. specifically, 286. bunch, 287. boom, 288. abnormal, 289. controversy, 290. incredibly, 291. medicinal, 292. specifically, 293. increasingly, 294. biomedical, 295. mod

296. insert ca____er

n. a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure

ANSWERS: 296. catheter

Session 3: Fill in the Blanks

1. The _____ force of the earth keeps our planet spinning.
adj. having the properties of attracting or repelling certain materials containing iron or steel
2. The patient was diagnosed with _____ heart disease requiring immediate medical attention.
adj. relating to or caused by an inadequate supply of blood to an organ or tissue, leading to reduced oxygen and nutrient levels
3. I _____ you to reconsider your decision before it's too late.
v. to beg earnestly or desperately; to plead urgently for assistance or mercy
4. This ad campaign is aimed _____ at young women.
adv. only associated with or meant for one thing
5. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.
adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
6. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
7. The tree branch in the middle of the walking path created an _____ for pedestrians.
n. something that blocks the path or progress of something else; an obstacle or barrier that impedes movement, action, or progress

ANSWERS: 1. magnetic, 2. ischemic, 3. implore, 4. specifically, 5. Biomedical, 6. lab, 7. obstruction

8. The shipwreck _____ was rescued after floating in the ocean for three days.
n. a person who remains alive after an event in which others have died
9. The experiment yielded _____ results that support his theory.
adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
10. I want to _____ a toast in honor of our longstanding relationship.
v. to make a proposal, declare a plan for something
11. She visited the local _____ to seek treatment for her persistent headache.
n. a medical doctor who practices medicine
12. The high-technology industry is enjoying a _____.
n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
13. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
14. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
15. The newspaper published an _____ on the current state of the economy.
adj. relating to the expression of opinions or interpretations in the media
16. The doctor ordered an _____ to see if there was any damage to the bones.
n. a type of electromagnetic radiation that has a wavelength shorter than visible light allowing hidden objects such as bones and organs inside the body to be photographed

ANSWERS: 8. survivor, 9. robust, 10. propose, 11. physician, 12. boom, 13. strategy, 14. garbage, 15. editorial, 16. X-ray

17. Scientific knowledge will _____ significantly with the power of AI.
- v.* to go or move forward; to develop in a positive way
18. Regular exercise and a healthy diet can help prevent the formation of _____.
- n.* a skin condition that causes a dimpled, lumpy appearance, particularly on the thighs, hips, and buttocks; caused by pockets of fat pushing against connective tissue under the skin
19. The patient was diagnosed with _____ poisoning after exposure to the toxic substance.
- n.* a chemical element with the symbol Tl and atomic number 81, which is a soft, malleable gray metal that resembles tin but can be poisonous used in photocells and used as a poison in the past
20. You should keep away from _____ foods.
- adj.* containing a lot of fat
21. The severe _____ caused by the drought has left many people without food.
- n.* a severe shortage of food, often caused by drought, war, or economic reasons
22. We _____ to achieve more wages and safer working conditions.
- v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
23. The dentist removed the _____ from my teeth during my cleaning appointment.
- n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

ANSWERS: 17. advance, 18. cellulite, 19. thallium, 20. fatty, 21. famine, 22. strike, 23. plaque

24. 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
25. She expressed her _____ towards the kind stranger who helped her.
- n.* the quality of being thankful; readiness to show appreciation for and to return kindness
26. His hometown was where he first acquired the _____ of wood carving.
- n.* an activity that requires a particular skill in making things with one's hands
27. Consumption of vegetables may aid in the prevention of _____ cancer.
- n.* the punctuation mark (:) used to introduce a list, summary, explanation, etc., or before reporting what someone has said; a significant part of the large intestine, the final section of the digestive system
28. The doctor warned him that his _____ condition put him at risk for numerous health problems.
- adj.* excessively overweight, particularly to the point of being a serious health risk; having a body mass index (BMI) of 30 or more
29. A rose has thorns on its _____.
- n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
30. Smoking places you at severe risk of _____ and respiratory disease.
- adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)

ANSWERS: 24. diagnose, 25. gratitude, 26. craft, 27. colon, 28. obese, 29. stem, 30. cardiovascular

31. My grandfather is seeing a _____ to monitor his heart condition.
- n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
32. A _____ of economic advisers from the United States visited the country to help rebuild its economy.
- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
33. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
34. These economic activities had disastrous environmental _____.
- n.* the outcome of a particular action or event, especially relative to an individual
35. The _____ technology was revolutionary in its field.
- adj.* being at the forefront of a particular field or development; (noun) the latest or most advanced stage in the development of a specific type of work or activity
36. 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
37. As we age, we become more at risk for _____ a condition that weakens the bones in our bodies.
- n.* a medical condition characterized by a loss of bone density or mass, resulting in fragile and porous bones that are at increased risk for fractures

ANSWERS: 31. cardiologist, 32. panel, 33. Communal, 34. consequences, 35. cutting-edge, 36. cancer, 37. osteoporosis,

38. He is proud of the _____ of the business.
n. the property of being long-lived; significant duration of service
39. After experiencing chest pains, he underwent coronary _____ to check for blockages in his heart's arteries.
n. a medical imaging technique that involves the visualization and examination of blood vessels, typically using the injection of a contrast agent and X-ray imaging to highlight and study the circulatory system
40. Our company found it _____ difficult to keep up with the competition.
adv. more and more
41. That town installed signs digitally displaying _____ to reduce traffic accidents.
n. a graphic symbol that conveys its meaning through its pictorial resemblance to a physical object
42. 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
43. She had lived through two world wars in her _____.
n. the duration of someone's life or something's existence;
44. The cave was a habitat for _____.
n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

ANSWERS: 38. longevity, 39. angiography, 40. increasingly, 41. pictograms, 42. radiation, 43. lifetime, 44. bats

45. The committee _____ several apparent inconsistencies.
- v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
46. How can you _____ that the earth is a sphere?
- v. to display something or give an exhibition to an interested audience
47. 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
48. The ongoing budget cuts have _____ the quality of education in many schools.
- v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
49. You must _____ your anxiety about driving.
- v. to bring under control by force or authority
50. After the surgery, the patient was required to wear a _____ for several days.
- n. a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure
51. The comedian is famous for his ability to _____ famous politicians.
- v. to pretend to be someone else, often with the intent to deceive or defraud; to imitate the mannerisms or speech of another person as a form of tribute or satire
52. Several cities are experiencing _____ high unemployment rates.
- adv. in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 45. investigated, 46. demonstrate, 47. chemotherapy, 48. eroded, 49. conquer, 50. catheter, 51. impersonate, 52. incredibly

53. The batter for the cake was _____ and needed to be smoothed out.
adj. having many small bumps, irregularities, or unevenness; forming or consisting of small lumps
54. This disease has a high _____.
n. the quality or state of being subject to death
55. It's important to _____ your strengths and weaknesses.
v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
56. _____ of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.
n. a person who supports or suggests an idea, development, or way of doing something
57. The _____ disease can spread quickly and potentially cause a global pandemic.
adj. spreading very quickly, and often aggressively, and difficult to stop
58. The meeting aims to _____ possible choices.
v. to assess or estimate the quality, significance, quantity, or value of something
59. He has terminal _____ cancer.
n. either of the two organs in the chest that people and some animals use for breathing
60. The school is planning to _____ to purchase new books for the library.
v. to collect or solicit funds or donations, typically for a charity, nonprofit organization, or political campaign, often through events, campaigns, or online platforms

ANSWERS: 53. lumpy, 54. mortality, 55. recognize, 56. Advocates, 57. invasive, 58. evaluate, 59. lung, 60. fundraise

61. He was the leader of the demonstrators and spoke out against the war in the front ____.
- n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
62. The _____ in the relationship was causing problems for both partners.
- n.* a problem or fault in a system, organism, or part of the body or machine
63. The company _____ him after several years of service.
- v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
64. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
65. 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
66. She had a tattoo just above her _____ button.
- n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
67. She purchased a ____ and a sickle for a backyard vegetable garden.
- n.* a garden tool with a flat blade attached at right angles to a long handle
68. We must ____ ourselves of pollution.
- v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

ANSWERS: 61. row, 62. dysfunction, 63. dumped, 64. develop, 65. disease, 66. belly, 67. hoe, 68. rid

69. 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
70. The mystery _____ as the detectives gathered more clues.
v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
71. He _____ his investigation into a medical clinic.
v. to become or make something broader, wider, more extensive
72. We demand his _____.
n. the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
73. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
74. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
75. The _____ of the company is too high nowadays.
n. a share or financial investment in something such as a business; a wooden or metal post set up to mark something
76. In the _____ meeting, the team discussed ways to improve productivity.
adj. happening or occurring later or after something else

ANSWERS: 69. nation, 70. unfolded, 71. widened, 72. replacement, 73. medicinal, 74. opportune, 75. stake, 76. subsequent

77. I made a _____ at the bank to add money to my account.

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

78. Their headquarters are in a _____ skyscraper.

- adj.* of or belonging to the present time or recent times

79. The security camera has _____ four intruders.

- v.* to find or recognize something, especially something difficult to see, hear, etc.

80. We had a _____ time yesterday.

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

81. The teacher's _____ to start a school garden project was met with enthusiasm from the students.

- n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

82. The group engages in _____ through lobbying and campaigning for policy changes.

- n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying

83. The patient was diagnosed with a rare genetic _____.

- n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder

84. The singer's voice filled the auditorium with beautiful _____.

- n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

ANSWERS: 77. deposit, 78. modern, 79. detected, 80. tremendous, 81. initiative, 82. advocacy, 83. syndrome, 84. resonance

85. The doctor explained the various _____ changes that occur during pregnancy.
adj. relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
86. Many people are working together to close the gender _____.
n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
87. Her response revealed _____ idiocy.
adj. unbelievable; enormous
88. He became in _____ after losing his job.
n. something, especially money, goods, or services owed by one person to another; the state of owing something
89. The _____ in the road was so sharp that I had to slow down to navigate it safely.
n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
90. The patient underwent _____ angiography to visualize the blood flow in his heart.
adj. of or relating to the heart, especially the arteries that supply blood to the heart muscle; (noun) medical conditions related to these arteries, such as coronary artery disease
91. The _____ for the video game added new features and improved gameplay.
n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

ANSWERS: 85. physiological, 86. gap, 87. incredible, 88. debt, 89. curve, 90. coronary, 91. mod

92. In the hospital, she will remain under constant _____.
- n.* the act or activity of carefully examining or monitoring something or someone
93. She decided to wear a pink ____ to the costume party.
- n.* a head covering made of synthetic or real hair worn for a variety of reasons, including as a fashion accessory, to conceal hair loss or baldness, or as part of a costume
94. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
95. The royal _____ celebrated the harvest, and the community enjoyed it.
- n.* a large meal, typically one served on a special occasion
96. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
97. All peaceful cooperation is based _____ on mutual trust.
- adv.* mainly
98. His son had accurately _____ the bloom.
- v.* to illustrate someone or something in a photograph
99. An _____ climate in the region caused a sharp decline in grain harvest.
- adj.* not typical, usual, or regular, especially in a way that is bad
100. Our tech support responds to the first _____ exceptionally promptly.
- n.* the act or process of asking a question or asking for information; an official process of investigating a matter of public interest

ANSWERS: 92. observation, 93. wig, 94. addition, 95. feast, 96. amazing, 97. primarily, 98. depicted, 99. abnormal, 100. inquiry

101. The patient needs a _____ transplant operation.

n. the act or process of rescuing someone else's life, especially from drowning

102. She stood on the podium and _____ an audience.

v. to examine something hastily, with the eyes or with a machine, to get information

103. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

104. The physician is reading the _____ related to medicine

n. a newspaper or magazine specialized in a specific topic or profession

105. 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

106. The photographer adjusted the camera to focus on the image's _____ point.

adj. relating to an important or central point or area; sharp or precise in focus or detail

107. The _____ output of a resting adult is around three quarts per minute.

adj. of or relating to the heart or heart disease

108. I will introduce you to how to _____ the leading causes of the malfunction.

v. to recognize someone or something and say or prove who or what they are

109. I underwent aversion _____ for my addiction to alcohol.

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

ANSWERS: 101. lifesaving, 102. scanned, 103. relations, 104. journals, 105. analogy, 106. focal, 107. cardiac, 108. identify, 109. therapy

110. Continuous consumption of fatty foods leads to the hardening of the _____.
- n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
111. The doctor detected a blockage in the patient's _____ system.
- adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
112. Yoga is known to have _____ benefits for the mind and body.
- adj.* relating to or involved in the treatment of illness or injury
113. _____ is the science of how living things work.
- n.* the branch of the biological sciences dealing with the functioning of organisms
114. An _____ scan showed that the baby was a girl.
- n.* higher frequency sound than humans can hear
115. Women should get regular _____ screenings as a preventative measure for breast cancer.
- n.* the process of using X-rays to examine the breast for the early detection of breast cancer
116. 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
117. 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: 110. artery, 111. vascular, 112. therapeutic, 113. Physiology, 114. ultrasound, 115. mammography, 116. breast, 117. institutes

118. She _____ when the boy complimented her.

v. to become red in the face from embarrassment, shame, or modesty

119. I decided to seek counseling on the advice of my _____.

n. one of a group of a coworker, especially in a profession or a business

120. The majority of students actively _____ in the college's intramural sports program.

v. to take part in something

121. The doctor diagnosed me with a _____ disorder.

n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

122. My accidental _____ got better right away.

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

123. 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

124. He sealed the letter with a _____ seal.

n. a substance that is solid at room temperature but becomes softer and more pliable when heated, often used in the production of candles, polishes, and cosmetics; (verb) to become large

125. A famous artist painted the room in a _____ pink hue.

adj. not readily apparent or visible

ANSWERS: 118. blushed, 119. colleague, 120. participated, 121. hormone, 122. injury, 123. symptom, 124. wax, 125. subtle

126. The old building _____ in a fiery inferno.

v. to burst or break open violently and noisily; to cause something to burst or break open

127. Excellent speech is a characteristic of an _____ man.

adj. having received a high standard of education

128. The river was too deep to cross, so we had to find a _____ downstream where the water was shallower.

n. a shallow place in a river or stream where it is possible to walk or drive across

129. 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

130. Global _____ is rising in virtually every industry.

n. a situation in which someone is attempting to beat or outperform another

131. The experience was _____ and left a lasting impression.

adj. extremely unpleasant or bad; causing fear or disgust

132. This factory employs a _____ manufacturing system.

adj. of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

133. In some sports, such as tennis, the competition is a _____ game, with only one player able to win each match.

adj. referring to a situation in which an equal loss offsets each gain; describing a condition in which the total gains and losses balance to zero

ANSWERS: 126. exploded, 127. educated, 128. ford, 129. discovery, 130. competition, 131. horrible, 132. cellular, 133. zero-sum

134. A growing _____ requires a bold leader.

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

135. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

136. His poem has a very significant _____.

n. something that is inferred or indirectly stated; the act or fact of being involved in something

137. The boat drifted _____ and was carried away by the current.

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

138. _____ the text from Italian into English.

v. to convert or change words into another language

139. 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

140. From a marketing _____ this product may need to be more effective.

n. a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter

141. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

ANSWERS: 134. enterprise, 135. crisis, 136. implication, 137. downstream, 138. Translate, 139. theoretical, 140. standpoint, 141. excited

142. 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

143. One bad apple spoils the whole _____.

- n. a grouping of several similar things which are growing or fastened together

144. We often _____ political problems as religious issues.

- v. to depict or describe someone or something in a painting, film, book, or other artistic work

145. Scientists _____ that the new fish species evolved to survive in deep-sea environments.

- v. to form or present a theory or explanation without sufficient evidence; to speculate

146. The audience _____ when the magician made the rabbit disappear from the hat.

- v. to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise

147. The _____ in the blood vessel required immediate medical attention.

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

148. They entered into _____ with the member of the ruling party.

- n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

ANSWERS: 142. bumped, 143. bunch, 144. portray, 145. hypothesize, 146. gasped, 147. clot, 148. controversy