

# Englist.me



## Vocabulary Builder Reference from...

*Bill Doyle: Treating cancer with electric fields | TED Talk*

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### All Words

#### IMPORTANT

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## Session 1: Word List

### 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.

### 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**.

### 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.

### surgery

*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or

replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

*synonym*: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

## 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.

## 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.

## involve

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

*synonym*: implicate, include, engage

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

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

## 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.

## decision

*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

*synonym* : choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

## trade-off

*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

*synonym* : compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

## jay

*n.* a type of bird that belongs to the crow family and is known for its brightly colored feathers and loud, raucous call

*synonym* : magpie, crow

(1) **jay** feather, (2) blue **jay**

I often hear a **jay's** loud and distinctive call while hiking in the woods.

## inviting

*adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate

*synonym* : attractive, tempting, alluring

(1) **inviting** scent, (2) **inviting** atmosphere

The **inviting** aroma of freshly baked bread drew me into the bakery.

## tumor

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

*synonym* : neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites  
The patient was diagnosed with a **tumor** in her lung.

## invention

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym*: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**  
Necessity is the mother of **invention**.

## emeritus

*adj.* describing a person who has retired from a position or role but retains their former title or rank as an honorary status

*synonym*: retired, former, senior

(1) **emeritus** Pope, (2) chairperson **emeritus**

The **emeritus** professor shared his many years of knowledge with the new students.

## intensify

*v.* to increase or make something increase in extent or strength

*synonym*: amplify, boost, strengthen

(1) **intensify** diplomatic efforts, (2) **intensify** a good relationship

Rebels have pledged to **intensify** the armed struggle against the dictatorship.

## misconception

*n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis

*synonym*: fallacy, incomprehension, misunderstanding

(1) dispel the **misconception**, (2) commonly held **misconception**

There are numerous **misconceptions** about food and health.

## tissue

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

*synonym*: structure, texture, anatomy

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

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

## ion

*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentration **ion** of hydrogen ions in an aqueous solution makes it more acidic.

## 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.

## proton

*n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

## beam

*n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

*synonym*: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

## bombard

*v.* to attack a place with bombs or gunshots continuously; to address with continuously or persistently, as if with a barrage

*synonym* : bomb, shoot, blitz

(1) **bombard** him with questions, (2) **bombard** a fort with heavy shells

Overprotective parents often **bombard** their children with messages reinforcing their lack of mastery.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym* : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep  
I'm so sorry to **disrupt** you when you're pretty busy.

## magnetism

*n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something

*synonym* : attraction, charisma, allure

(1) the **magnetism** of the moon, (2) animal **magnetism**  
The child was drawn to the **magnetism** of the colorful toy display in the store.

## attract

*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

*synonym* : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

## electrical

*adj.* relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering  
Actuators convert **electrical** pulses into motion.

## visualize

*v.* to form a mental image or concept of something; to make something visible

*synonym* : imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

## gravity

*n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn

*synonym* : heaviness, attraction, weight

(1) the attraction of **gravity**, (2) preserve my **gravity**

The astronaut felt weightless in space due to the absence of **gravity**.

## mass

*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

*synonym* : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

## astronaut

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

*synonym* : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

## dimension

*n.* a measurable extent of a particular kind, such as width, height, or length

*synonym* : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

## shuttle

*n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

*synonym* : ferry, transport, convey

(1) space **shuttle**, (2) **shuttle** service

The **shuttle** bus will take you to the airport in 15 minutes.

## gravitational

*adj.* relating to or caused by gravity (= the force that attracts objects towards one another)

*synonym*: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

## align

*v.* to put or arrange two or more things in a straight line or to form a straight line

*synonym*: coordinate, regulate, adjust

(1) **align** the economic interest of each other, (2) **align** with a historical trend

Both parties are now entirely ideologically **aligned**.

## stick

*v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

*synonym*: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

## lift

*v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position

*synonym*: raise, elevate, move up

(1) **lift** sagging skin, (2) **lift** a ban on alcohol

The drought **lifted** the prices of grain globally.

## divide

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

*synonym*: separate, disconnect, split

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

Can you **divide** 123321 by eleven?



## controllable

*adj.* able to be controlled or directed

*synonym*: manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

## perspective

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

*synonym*: viewpoint, standpoint, outlook

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

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

## genetic

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

*synonym*: hereditary, genetical, inborn

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

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

## chromosome

*n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

*synonym*: DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

## nucleus

*n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

*synonym*: core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team

DNA is stored in the **nucleus** of a cell.

## cytoplasm

*n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules

*synonym* : cytosol, protoplasm

(1) the **cytoplasm** of muscle fiber, (2) a small cellular organ of **cytoplasm**

The cell's **cytoplasm** is filled with various organelles that perform different functions.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## division

*n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector

*synonym* : branch, separator, section

(1) cellular **division**, (2) **division** chief

Which **division** of the company do you work in?

## import

*v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;

*synonym* : bring, spell

(1) **import** goods, (2) **import** a style sheet

The company **imports** raw materials from other countries to manufacture its products.

## disintegrate

*v.* break or cause to break into small fragments

*synonym* : shatter, crumble, break down

(1) **disintegrate** in an explosion, (2) **disintegrate** over time

The vase **disintegrated** into pieces when it fell to the ground.

## undergo

*v.* to go through something unpleasant or that involves a change

*synonym* : experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease

The train has to **undergo** rigorous safety checks.

## sequence

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

*synonym*: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

## attach

*v.* to fasten, join, or connect one thing to another

*synonym*: fix, fasten, bind

(1) **attach** firmly, (2) **attach** a file to an e-mail

He does not **attach** importance to these rumors.

## chain

*n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

*synonym*: series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

## progression

*n.* the act or process of changing to the next stage or phase or moving forward

*synonym*: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

## ultimate

*adj.* furthest or highest in degree or order

*synonym*: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

## external

*adj.* belonging to or situated outside of someone or something

*synonym*: outside, exterior, foreign

(1) **external** factors, (2) **external** commerce

When a company discloses information to the market, an **external** auditor verifies them.

## transducer

*n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal

*synonym*: sensor, converter, detector

(1) medical **transducer**, (2) **transducer** calibration

The **transducer** in the sonar system converts electrical pulses into sound waves to detect underwater objects.

## 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.

## mitosis

*n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell

*synonym*: cell division, cell reproduction

(1) **mitosis** in plants, (2) stages of **mitosis**

Chromosomes condense and align at the center of the cell during the metaphase of **mitosis**.

## spindle

*n.* a rotating shaft that serves as axes for larger rotating parts; (biology) tiny fibers that are seen in cell division

*synonym*: shaft, axis, mandrel

(1) a **spindle-shaped** muscle, (2) **spindle** cell cancer

A powerful **spindle** motor is required to process these metal parts.

## attempt

*n.* an act or effort of trying to do something, especially something difficult

*synonym*: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

## suicide

*n.* the act of killing yourself intentionally

*synonym*: self-destruction, self-annihilation, felo-de-se

(1) commit **suicide**, (2) **suicide** attack

In an economically prosperous country, most male **suicide** is due to child support problems.

## unhealthy

*adj.* not conducive to good health; detrimental to physical or mental well-being

*synonym*: unwholesome, detrimental, insalubrious

(1) **unhealthy** diet, (2) **unhealthy** habit

Sitting for long hours in front of the computer is considered **unhealthy**.

## apoptosis

*n.* a programmed cell death that occurs in multicellular organisms, characterized by a series of biochemical events within a cell leading to its death and removal without causing damage to surrounding cells

*synonym*: cell suicide, programmed cell death

(1) **apoptosis** pathway, (2) programmed **apoptosis**

The chemotherapy treatment induces **apoptosis** in cancer cells to prevent their growth.

## observe

*v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

*synonym*: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

## vitro

*n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish

*synonym* : glass, container, vessel

(1) in **vitro** fermentation, (2) in **vitro** diagnostics

The lab technician used in **vitro** fertilization to help the couple conceive.

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym* : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

## identical

*adj.* being the exact same one

*synonym* : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

## cervical

*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)

*synonym* : cervical, neck, spinal

(1) **cervical** cancer, (2) **cervical** spine

She must undergo a **cervical** screening to check for abnormalities in her reproductive system.

## stain

*v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove

*synonym* : discolor, tarnish, defile

(1) **stain** the carpet, (2) red wine **stain**

The allegations of corruption **stained** her reputation, and she struggled to regain public trust.

## efflorescent

*adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or

crystalline deposit on the surface of a material due to the evaporation of water or other solvents

*synonym* : blooming, blossoming, flowering

(1) **efflorescent** crystals, (2) **efflorescent** growth

The artist's **efflorescent** paintings were featured in the gallery's exhibition.

## dye

*v.* to color a textile or hair by immersing it in a colored liquid or substance

*synonym* : color, tint, stain

(1) **dye** a T-shirt red, (2) **dye** patterns

She **dyed** her hair purple for a change.

## clip

*n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

*synonym* : buckle, hook, pin

(1) tie **clip**, (2) short video **clip**

He fastens some sheets of paper with a **clip**.

## norm

*n.* something that is regarded as usual, typical, or standard

*synonym* : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## separate

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

*synonym* : disunite, isolate, ramify

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

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

## timescale

*n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or

length of a particular event or process

*synonym*: time frame, schedule, duration

(1) long- **timescale**, (2) realistic **timescale**

The **timescale** for completing the construction project is three years.

## static

*adj.* not moving or not capable of moving, not changing or not capable of changing

*synonym*: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

## bubble

*n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

*synonym*: blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

## membrane

*n.* a soft, thin layer that forms animal or vegetable tissue

*synonym*: tissue layer

(1) cell **membranes**, (2) nuclear **membrane**

Loud noises might harm the fragile ear **membrane**.

## hallmark

*n.* a distinctive characteristic or attribute of a person or thing

*synonym*: symbol, authentication, indication

(1) the **hallmark** of a good scientist, (2) the **hallmark** of modern life

A clear and simple expression is the **hallmark** of good writing.



## formation

*n.* the way something is created naturally or the way it has been arranged

*synonym* : establishment, organization, creation

(1) a rock **formation**, (2) **formation** flight

Character **formation** is one of the goals of education.

## 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**.

## 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.

## 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**.

## practical

*adj.* of or connected with actual use or real situation rather than with theory and ideas

*synonym* : applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience

Her concept is highly **practical** and helpful.

## 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.

## patient

*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

*synonym* : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

## trunk

*n.* the main stem or body of a tree which its branches grow

*synonym* : body, chest, torso

(1) the **trunk** of the tree, (2) the **trunk** of the body

Destructive fungi thrive in moist environments, such as those seen in wounds on the **trunk**.

## brain

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

*synonym* : intellect, mind, encephalon

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

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

## survival

*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

*synonym* : endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

## typical

*adj.* having the usual characteristics or traits of a specific group of things

*synonym* : characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

## optimal

*adj.* the best; most likely to be successful or advantageous  
*synonym*: optimum, desirable, favorable

(1) achieve **optimal** health, (2) **optimal** for intellectual growth

Wild animals need to go forward with the **optimal** action to survive.

## survive

*v.* to live or exist despite a dangerous event or period  
*synonym*: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

## conduct

*v.* to organize and carry out a particular activity  
*synonym*: behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research

Police will **conduct** random breath testing for drunk driving.

## phase

*n.* any stage in a series of events, change, or development  
*synonym*: degree, stage, step

(1) enter on the last **phase**, (2) two- **phase** structure

The era of the industrial revolution was a crucial **phase** of history.

## random

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

*synonym*: incidental, arbitrary, unanticipated

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

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

## recurrent

*adj.* occurring again, repeatedly, or frequently; returning

*synonym*: continual, repeated, frequent

(1) **recurrent** problem, (2) **recurrent** miscarriage

The patient has been experiencing **recurrent** headaches for weeks.

## suffer

*v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

*synonym*: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

## infection

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

*synonym*: contagion, disease, transmission

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

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

## nausea

*n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust

*synonym*: queasiness, sickness, vomiting

(1) **nausea** medication, (2) drug-induced **nausea** and vomiting

The rollercoaster ride left me with a feeling of **nausea**.

## diarrhea

*n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications

*synonym*: looseness, gastroenteritis, dysentery

(1) **diarrhea-related** dehydration, (2) **diarrhea** with abdominal pain

I had a terrible case of **diarrhea** and couldn't stop going to the bathroom.

## constipation

*n.* a condition in which bowel movements occur less frequently or with difficulty, often resulting in hard, dry stools and discomfort or pain during elimination

*synonym*: congestion, blockage, obstruction

(1) **constipation** relief, (2) chronic **constipation**

The patient complained of **constipation**, and the doctor recommended increasing their daily fiber intake.

## fatigue

*n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

*synonym* : exhaustion, weariness, tiredness

(1) **fatigue** breaking, (2) **fatigue** caused by overwork

The metal showed signs of **fatigue** after being subjected to repeated stress.

## approve

*v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

*synonym* : accept, authorize, agree

(1) **approve** a measures, (2) unanimously **approve** a resolution

My boss wouldn't **approve** of the plan.

## approval

*n.* the belief that someone or something is good or acceptable

*synonym* : acceptance, endorsement, permission

(1) a written **approval**, (2) express my **approval**

This project took a lot of time to get the president's **approval**.

## oncology

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

*synonym* : cancer treatment, study of tumors

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

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

## claim

*v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or

something that one believes to be true

*synonym* : assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

## champion

*n.* someone who has won first place in a competition;  
someone who fights for a specific group of people or a  
belief

*synonym* : victor, winner, fighter

(1) a **champion** of peace, (2) the grand **champion**

The **champion** bicyclist outrode all his competitors.

## medal

*n.* a flat, usually circular piece of metal or other material  
that is often given as an award or commemoration for an  
achievement, victory, or honor

*synonym* : award, decoration, badge

(1) gold **medal**, (2) a prize **medal**

She was proud to receive a **medal** for her hard work and  
dedication to the sport.

## pursue

*v.* to do something or attempt to attain something over  
time; to follow or seek someone or something, especially  
in trying to catch them

*synonym* : seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

## 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.

## baseline

*n.* a starting point or minimum for comparing facts; the  
back line bounding each end of a tennis or handball  
court

*synonym* : standard, criterion

(1) **baseline** budget, (2) establish a **baseline**

The products they sell are the **baseline** for performance in the industry.

## quadrant

*n.* a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes

*synonym* : section, division, sector

(1) Northeast **quadrant**, (2) **quadrant** chart

The map was divided into four **quadrants** to examine the geographical region closely.

## vengeance

*n.* the act of punishing or harming someone in return for something harmful that they have done

*synonym* : retaliation, retribution, revenge

(1) **vengeance** justice, (2) wreak **vengeance**

He sought **vengeance** for the wrongs done to him.

## recurrence

*n.* the act of happening again or recurring; the return of something, such as a disease or symptom, after a period of abatement or remission

*synonym* : repetition, return, reappearance

(1) **recurrence** rate, (2) **recurrence** after chemotherapy

The **recurrence** of the flu every winter is a common occurrence.

## electrode

*n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

(1) platinum **electrodes**, (2) **electrode** corrosion

It is important to place the **electrodes** in the correct position for accurate electro-cardiogram recording.

## 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.

## technique

*n.* a particular way or art of doing something that needs skill

*synonym*: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

## chemo

*n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells

*synonym*: chemotherapy, antineoplastic

(1) **chemo** patient, (2) **chemo-radiotherapy**

The side effects of **chemo**, such as nausea and hair loss, were a major concern for the patient.

## interfere

*v.* to get involved in and prevent a process or activity from continuing

*synonym*: interpose, interrupt, hamper

(1) **interfere** in another country's affairs, (2) **interfere** with DNA synthesis

Your talking **interferes** with my work.

## equip

*v.* to provide a person or a place with the things that are needed for a particular purpose or activity

*synonym*: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

## continuously

*adv.* without being interrupted or paused; repeatedly

*synonym*: constantly, frequently, always

(1) use one thing **continuously**, (2) **continuously** removed

The country's domestic coal consumption has been



**continuously** declining for decades.

## continually

*adv.* in a way that happens without interruption or repeatedly  
*synonym*: repeatedly, frequently, constantly

(1) **continually** access information, (2) **continually** changing world

Her tongue runs on **continually**.

## medical

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

*synonym*: health, disease, treatment

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

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

## device

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

*synonym*: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

## melt

*v.* to turn from something solid into something soft or liquid as a result of heating

*synonym*: disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

## argue

*v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

*synonym*: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

## essentially

*adv.* relating to the essential features or concepts of anything  
*synonym* : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same  
**Essentially**, a society is an organism.

## impressive

*adj.* arousing admiration due to size, quality, or skill  
*synonym* : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

## assume

*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

*synonym* : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

## appreciate

*v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

*synonym* : acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value  
We would **appreciate** an early reply.

## asleep

*adj.* in a state of sleep

*synonym* : sleeping, fallen, at rest

(1) **asleep** at the wheel, (2) dead **asleep**

He lay down and fell **asleep** immediately.

## 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.

## regime

*n.* the organization, a system, or method that is the governing authority of a political unit

*synonym*: administration, establishment, government

(1) a puppet **regime**, (2) exercise **regime**

Totalitarian **regimes** are less likely to innovate because they deprive individuals of economic incentives.

## array

*n.* a large group or collection of things or people, especially one that is impressive or attractive

*synonym*: collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

## liver

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

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

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

## interact

*v.* to communicate or react with somebody

*synonym*: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

## grand

*adj.* important and large in size, scope, or extent

*synonym*: impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

## infusion

*n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid

*synonym*: injection, transfusion, instillation

(1) **infusion** therapy, (2) **infusion** pump

The nurse prepared an **infusion** of pain medication for the patient.

## 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.

## synergy

*n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements

*synonym* : cooperation, collaboration, partnership

(1) **synergy** collaboration, (2) **synergy** between businesses

The new software program was designed to increase productivity by promoting employee **synergy**.

## underway

*adj.* having started and currently in progress

*synonym* : afoot, ongoing, in motion

(1) just getting **underway**, (2) campaign now **underway**

This project has been **underway** for several years.

## optimum

*adj.* the best or most favorable; the ideal or most advantageous; the point at which something operates at peak performance or efficiency

*synonym* : ideal, best, peak

(1) **optimum** performance, (2) **optimum** conditions

I adjusted the temperature to reach the **optimum** level for baking the cake.

## maximum

*adj.* the largest or greatest amount or value attainable or attained

*synonym* : peak, top, highest

(1) **maximum** limit, (2) the **maximum** speed

The **maximum** temperature recorded this summer was higher than average.

## interrupt

*v.* to say or do something that causes someone to stop in their speech or action

*synonym* : disturb, hinder, break in

(1) **interrupt** a call, (2) abruptly **interrupt**

Her sleep was **interrupted** by recurring pain.

## mechanism

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

*synonym* : means, method, system

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

**mechanism**

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

## hypothesis

*n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

*synonym* : assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

## pancreas

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

*synonym* : gland, organ, islet

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

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

## ovary

*n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

**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.

**firm**

*adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

*synonym* : stable, secure, steadfast

(1) **firm** grip, (2) accounting **firm**

The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

**solid**

*adj.* hard or firm; characterized by good substantial quality

*synonym* : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

**stride**

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

*synonym* : step, walk, march

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

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

## Session 2: Spelling

- |                                 |  |
|---------------------------------|--|
| 1. in_____fy diplomatic efforts | <i>v.</i> to increase or make something increase in extent or strength   |
| 2. chairperson em_____us        | <i>adj.</i> describing a person who has retired from a position or role but retains their former title or rank as an honorary status   |
| 3. con_____ble aircraft         | <i>adj.</i> able to be controlled or directed  |
| 4. gra_____nal energy           | <i>adj.</i> relating to or caused by gravity (= the force that attracts objects towards one another)   |
| 5. a sp_____e-shaped muscle     | <i>n.</i> a rotating shaft that serves as axes for larger rotating parts; (biology) tiny fibers that are seen in cell division   |
| 6. su____r bad grades           | <i>v.</i> to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant  |
| 7. in_____on pump               | <i>n.</i> a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid                            |
| 8. nuclear me_____ne            | <i>n.</i> a soft, thin layer that forms animal or vegetable tissue   |
| 9. su_____e a plane crash       | <i>v.</i> to live or exist despite a dangerous event or period   |
| 10. an X-__y of arteries        | <i>n.</i> 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: 1. intensify, 2. emeritus, 3. controllable, 4. gravitational, 5. spindle, 6. suffer, 7. infusion, 8. membrane, 9. survive, 10. X-ray

11. im\_\_\_t a style sheet      *v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;
12. abruptly in\_\_\_\_\_pt      *v.* to say or do something that causes someone to stop in their speech or action
13. commonly held mis\_\_\_\_\_ion      *n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis
14. con\_\_\_\_\_ly access information      *adv.* in a way that happens without interruption or repeatedly
15. former co\_\_\_\_\_ue      *n.* one of a group of a coworker, especially in a profession or a business
16. ma\_\_\_\_\_m limit      *adj.* the largest or greatest amount or value attainable or attained
17. pu\_\_\_e freedoms      *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
18. the tr\_\_k of the tree      *n.* the main stem or body of a tree which its branches grow
19. re\_\_\_\_\_nt miscarriage      *adj.* occurring again, repeatedly, or frequently; returning
20. pu\_\_\_e a goal      *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
21. 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

ANSWERS: 11. import, 12. interrupt, 13. misconception, 14. continually, 15. colleague, 16. maximum, 17. pursue, 18. trunk, 19. recurrent, 20. pursue, 21. radiation



22. enter on the last ph\_\_e *n.* any stage in a series of events, change, or development
23. the me\_\_\_\_\_sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
24. 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
25. an ar\_\_y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive
26. environmental tr\_\_\_\_\_ff *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
27. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
28. bo\_\_\_\_\_d a fort with heavy shells *v.* to attack a place with bombs or gunshots continuously; to address with continuously or persistently, as if with a barrage
29. on\_\_\_\_\_gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
30. imp\_\_\_\_\_ve performances *adj.* arousing admiration due to size, quality, or skill

ANSWERS: 22. phase, 23. mechanism, 24. cancer, 25. array, 26. trade-off, 27. brain, 28. bombard, 29. oncology, 30. impressive

31. defense me\_\_\_\_\_sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
32. a me\_\_\_\_\_l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
33. the per\_\_\_\_\_ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
34. space sh\_\_\_\_\_e *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
35. ce\_\_\_\_\_al cancer *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
36. temporary me\_\_\_\_\_l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
37. campaign now un\_\_\_\_\_ay *adj.* having started and currently in progress
38. 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
39. exercise re\_\_\_\_\_e *n.* the organization, a system, or method that is the governing authority of a political unit
40. short video c\_\_p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

ANSWERS: 31. mechanism, 32. medical, 33. perspective, 34. shuttle, 35. cervical, 36. medical, 37. underway, 38. disease, 39. regime, 40. clip

41. m\_\_t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
42. in vi\_\_o diagnostics *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
43. the DNA se\_\_\_\_ce *n.* a series of related events, actions, numbers, etc., which have a particular order
44. a puppet re\_\_\_e *n.* the organization, a system, or method that is the governing authority of a political unit
45. new di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
46. d\_e a T-shirt red *v.* to color a textile or hair by immersing it in a colored liquid or substance
47. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
48. st\_\_n the carpet *v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove
49. a two-dimensional ar\_\_y *n.* a large group or collection of things or people, especially one that is impressive or attractive
50. st\_\_\_e down a slope *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
51. l\_\_g capacity *n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 41. melt, 42. vitro, 43. sequence, 44. regime, 45. dimension, 46. dye, 47. essentially, 48. stain, 49. array, 50. stride, 51. lung

52. el\_\_\_\_\_de corrosion *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
53. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
54. ch\_\_o-radiotherapy *n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
55. im\_\_\_t goods *v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;
56. f\_\_m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
57. the attraction of gr\_\_\_\_y *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
58. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
59. app\_\_\_\_\_te her feedback *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
60. di\_\_\_e money equally *v.* to separate or cause to separate into parts or groups

ANSWERS: 52. electrode, 53. tissue, 54. chemo, 55. import, 56. firm, 57. gravity, 58. norm, 59. appreciate, 60. divide

61. the end of chr\_\_\_\_\_me      *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
62. a reckless at\_\_\_\_\_t      *n.* an act or effort of trying to do something, especially something difficult
63. accounting f\_\_m      *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
64. modern on\_\_\_\_\_gy treatment      *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
65. pr\_\_\_\_\_n synthesis      *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
66. so\_\_d employment measures      *adj.* hard or firm; characterized by good substantial quality
67. se\_\_\_\_\_te cream from milk      *v.* to force, take, or pull apart; mark as different
68. fa\_\_\_\_\_e caused by overwork      *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress
69. eq\_\_p an army      *v.* to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 61. chromosome, 62. attempt, 63. firm, 64. oncology, 65. protein, 66. solid, 67. separate, 68. fatigue, 69. equip

70. the grand ch\_\_\_\_on *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
71. ty\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
72. in\_\_\_\_e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
73. the cy\_\_\_\_sm of muscle fiber *n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
74. economic bu\_\_\_\_e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
75. ex\_\_\_\_al factors *adj.* belonging to or situated outside of someone or something
76. a ge\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
77. an ele\_\_\_\_al storm *adj.* relating to electricity
78. a prize me\_\_l *n.* a flat, usually circular piece of metal or other material that is often given as an award or commemoration for an achievement, victory, or honor
79. rechargeable lithium-i\_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

ANSWERS: 70. champion, 71. typical, 72. involve, 73. cytoplasm, 74. bubble, 75. external, 76. genetic, 77. electrical, 78. medal, 79. ion

80. ap\_\_\_\_\_e a measures *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
81. dis\_\_\_\_\_ate over time *v.* break or cause to break into small fragments
82. tie c\_\_p *n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip
83. the ma\_\_\_\_\_m speed *adj.* the largest or greatest amount or value attainable or attained
84. in\_\_\_\_\_re with DNA synthesis *v.* to get involved in and prevent a process or activity from continuing
85. 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
86. ob\_\_\_\_\_e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
87. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
88. an imp\_\_\_\_\_ve array of facts *adj.* arousing admiration due to size, quality, or skill
89. salted ov\_\_y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

ANSWERS: 80. approve, 81. disintegrate, 82. clip, 83. maximum, 84. interfere, 85. cancer, 86. observe, 87. experiment, 88. impressive, 89. ovary

90. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
91. 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
92. achieve op\_\_\_\_\_l health *adj.* the best; most likely to be successful or advantageous
93. treat the in\_\_\_\_\_on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
94. 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
95. app\_\_\_\_\_te the value *v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone
96. fo\_\_\_\_\_on flight *n.* the way something is created naturally or the way it has been arranged
97. in\_\_\_\_\_ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
98. the te\_\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
99. electronic de\_\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 90. lab, 91. chemotherapy, 92. optimal, 93. infection, 94. disease, 95. appreciate, 96. formation, 97. invasive, 98. technique, 99. device



100. a m\_\_s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
101. blue j\_y *n.* a type of bird that belongs to the crow family and is known for its brightly colored feathers and loud, raucous call
102. de\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
103. just getting un\_\_\_\_ay *adj.* having started and currently in progress
104. cellular di\_\_\_\_on *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
105. fire st\_\_k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
106. con\_\_\_\_ly changing world *adv.* in a way that happens without interruption or repeatedly
107. op\_\_\_\_l for intellectual growth *adj.* the best; most likely to be successful or advantageous
108. in\_\_\_\_ct with one another *v.* to communicate or react with somebody
109. cardiac su\_\_\_\_y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 100. mass, 101. jay, 102. develop, 103. underway, 104. division, 105. stick, 106. continually, 107. optimal, 108. interact, 109. surgery

110. a written ap\_\_\_\_\_al *n.* the belief that someone or something is good or acceptable
111. dis\_\_\_\_\_ate in an explosion *v.* break or cause to break into small fragments
112. test my hyp\_\_\_\_\_is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
113. as\_\_\_p at the wheel *adj.* in a state of sleep
114. stages of mi\_\_\_\_\_s *n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell
115. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
116. cell me\_\_\_\_\_nes *n.* a soft, thin layer that forms animal or vegetable tissue
117. a rock fo\_\_\_\_\_on *n.* the way something is created naturally or the way it has been arranged
118. su\_\_\_\_\_e attack *n.* the act of killing yourself intentionally
119. the ha\_\_\_\_\_rk of a good scientist *n.* a distinctive characteristic or attribute of a person or thing
120. fa\_\_\_\_\_e breaking *n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress

ANSWERS: 110. approval, 111. disintegrate, 112. hypothesis, 113. asleep, 114. mitosis, 115. progression, 116. membrane, 117. formation, 118. suicide, 119. hallmark, 120. fatigue

121. 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
122. tracking de\_\_\_\_\_e      *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
123. in\_\_\_\_\_pt a call      *v.* to say or do something that causes someone to stop in their speech or action
124. the ha\_\_\_\_\_rk of modern life      *n.* a distinctive characteristic or attribute of a person or thing
125. 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
126. su\_\_\_\_\_e a blizzard      *v.* to live or exist despite a dangerous event or period
127. bombs fell at ra\_\_\_\_\_m      *adj.* made, done, or happening without method, conscious decision, or any regular pattern
128. l\_\_\_\_t a ban on alcohol      *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
129. the at\_\_\_\_\_t to rescue the hostages      *n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 121. discovery, 122. device, 123. interrupt, 124. hallmark, 125. cellular, 126. survive, 127. random, 128. lift, 129. attempt

130. vi\_\_\_\_\_ze data *v.* to form a mental image or concept of something; to make something visible
131. di\_\_\_\_\_ea-related dehydration *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
132. di\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
133. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
134. se\_\_\_\_\_te video into chapter *v.* to force, take, or pull apart; mark as different
135. i\_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
136. gra\_\_\_\_\_nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
137. as\_\_\_e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
138. 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

ANSWERS: 130. visualize, 131. diarrhea, 132. divide, 133. norm, 134. separate, 135. ion, 136. gravitational, 137. assume, 138. cellular

139. a te\_\_\_\_\_ue in martial arts *n.* a particular way or art of doing something that needs skill
140. de\_\_\_\_\_on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
141. use one thing con\_\_\_\_\_sly *adv.* without being interrupted or paused; repeatedly
142. at\_\_\_\_\_t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
143. su\_\_\_\_\_al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
144. gr\_\_d bargain *adj.* important and large in size, scope, or extent
145. two-ph\_\_e structure *n.* any stage in a series of events, change, or development
146. un\_\_\_\_\_hy habit *adj.* not conducive to good health; detrimental to physical or mental well-being
147. in\_\_\_\_\_ct directly with customers *v.* to communicate or react with somebody
148. computer-con\_\_\_\_\_ble *adj.* able to be controlled or directed
149. pa\_\_\_\_\_as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 139. technique, 140. decision, 141. continuously, 142. attract, 143. survival, 144. grand, 145. phase, 146. unhealthy, 147. interact, 148. controllable, 149. pancreas

150. express my ap\_\_\_\_\_al *n.* the belief that someone or something is good or acceptable
151. ba\_\_\_\_\_ne budget *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
152. li\_\_r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
153. pa\_\_\_\_\_as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
154. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
155. fairly ty\_\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things
156. ce\_\_\_\_\_al spine *adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
157. the se\_\_\_\_\_ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
158. degree in ele\_\_\_\_\_al engineering *adj.* relating to electricity
159. in\_\_\_\_\_ng atmosphere *adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate

ANSWERS: 150. approval, 151. baseline, 152. liver, 153. pancreas, 154. invention, 155. typical, 156. cervical, 157. sequence, 158. electrical, 159. inviting

160. as\_\_\_\_\_ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
161. un\_\_\_\_\_o a decrease *v.* to go through something unpleasant or that involves a change
162. establish a ba\_\_\_\_\_ne *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
163. a bold hyp\_\_\_\_\_is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
164. at\_\_\_\_h a file to an e-mail *v.* to fasten, join, or connect one thing to another
165. co\_\_\_\_\_t a background check *v.* to organize and carry out a particular activity
166. a sex chr\_\_\_\_\_me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
167. m\_\_t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
168. supply ch\_\_n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
169. rec\_\_\_\_\_ce after chemotherapy *n.* the act of happening again or recurring; the return of something, such as a disease or symptom, after a period of abatement or remission
170. op\_\_\_\_\_m conditions *adj.* the best or most favorable; the ideal or most advantageous; the point at which something operates at peak performance or efficiency

ANSWERS: 160. astronaut, 161. undergo, 162. baseline, 163. hypothesis, 164. attach, 165. conduct, 166. chromosome, 167. melt, 168. chain, 169. recurrence, 170. optimum

171. series of exp\_\_\_\_\_nts      *n.* the scientific test conducted to observe what happens and gain new knowledge
172. ve\_\_\_\_\_ce justice      *n.* the act of punishing or harming someone in return for something harmful that they have done
173. tre\_\_\_\_\_us popularity      *adj.* very great in degree or extent or amount or impact; extremely good
174. l\_\_t sagging skin      *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
175. the crosswise di\_\_\_\_\_on      *n.* a measurable extent of a particular kind, such as width, height, or length
176. con\_\_\_\_\_ion relief      *n.* a condition in which bowel movements occur less frequently or with difficulty, often resulting in hard, dry stools and discomfort or pain during elimination
177. the\_\_\_\_\_ic administration      *adj.* relating to or involved in the treatment of illness or injury
178. drug-induced na\_\_\_a and vomiting      *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
179. di\_\_\_\_\_ea with abdominal pain      *n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
180. do l\_\_g transplantation      *n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 171. experiment, 172. vengeance, 173. tremendous, 174. lift, 175. dimension, 176. constipation, 177. therapeutic, 178. nausea, 179. diarrhea, 180. lung



181. the\_\_\_\_\_ic massage *adj.* relating to or involved in the treatment of illness or injury
182. in\_\_\_\_\_re in another country's affairs *v.* to get involved in and prevent a process or activity from continuing
183. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
184. field of gene th\_\_\_\_\_y *n.* the act of caring for someone through medication, remedial training, etc.
185. eff\_\_\_\_\_ent growth *adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents
186. em\_\_\_\_\_us Pope *adj.* describing a person who has retired from a position or role but retains their former title or rank as an honorary status
187. the tr\_\_k of the body *n.* the main stem or body of a tree which its branches grow
188. un\_\_\_\_\_o surgery *v.* to go through something unpleasant or that involves a change
189. red wine st\_\_n *v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove
190. dispel the mis\_\_\_\_\_ion *n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis
191. al\_\_n the economic interest of each other *v.* to put or arrange two or more things in a straight line or to form a straight line

ANSWERS: 181. therapeutic, 182. interfere, 183. lab, 184. therapy, 185. efflorescent, 186. emeritus, 187. trunk, 188. undergo, 189. stain, 190. misconception, 191. align

192. sp\_\_\_\_\_e cell cancer      *n.* a rotating shaft that serves as axes for larger rotating parts; (biology) tiny fibers that are seen in cell division
193. ch\_\_o patient      *n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
194. in\_\_\_\_\_on therapy      *n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid
195. tr\_\_\_\_\_ff problem      *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
196. stress pr\_\_\_\_\_n      *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
197. bo\_\_\_\_\_d him with questions      *v.* to attack a place with bombs or gunshots continuously; to address with continuously or persistently, as if with a barrage
198. st\_\_\_c website      *adj.* not moving or not capable of moving, not changing or not capable of changing
199. 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
200. in\_\_\_\_\_ve breast cancer      *adj.* spreading very quickly, and often aggressively, and difficult to stop

ANSWERS: 192. spindle, 193. chemo, 194. infusion, 195. trade-off, 196. protein, 197. bombard, 198. static, 199. develop, 200. invasive

201. pr\_\_\_n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
202. unanimously ap\_\_\_\_\_e a resolution *v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.
203. j\_y feather *n.* a type of bird that belongs to the crow family and is known for its brightly colored feathers and loud, raucous call
204. a ch\_\_\_\_\_on of peace *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
205. cl\_\_m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
206. ch\_\_n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
207. in\_\_\_\_\_ng scent *adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate
208. a ra\_\_\_m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
209. tra\_\_\_\_\_er calibration *n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal

ANSWERS: 201. proton, 202. approve, 203. jay, 204. champion, 205. claim, 206. chain, 207. inviting, 208. random, 209. transducer

210. a structural b\_\_m of a building      *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
211. th\_\_\_\_y for a patient      *n.* the act of caring for someone through medication, remedial training, etc.
212. op\_\_\_\_m performance      *adj.* the best or most favorable; the ideal or most advantageous; the point at which something operates at peak performance or efficiency
213. long-ti\_\_\_\_\_le      *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
214. so\_\_d ally      *adj.* hard or firm; characterized by good substantial quality
215. in vi\_\_o fermentation      *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
216. pair of id\_\_\_\_\_al twins      *adj.* being the exact same one
217. 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
218. gold me\_\_l      *n.* a flat, usually circular piece of metal or other material that is often given as an award or commemoration for an achievement, victory, or honor

ANSWERS: 210. beam, 211. therapy, 212. optimum, 213. timescale, 214. solid, 215. vitro, 216. identical, 217. radiation, 218. medal

219. the nu\_\_\_\_s of a team      *n.*    the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
220. at\_\_\_\_h firmly      *v.*    to fasten, join, or connect one thing to another
221. su\_\_\_\_r a setback      *v.*    to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
222. di\_\_\_\_t a well-ordered condition      *v.*    to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
223. di\_\_\_\_se the problem      *v.*    to determine or distinguish the nature of a problem or an illness through a careful analysis
224. false cl\_\_m      *v.*    to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
225. tu\_\_r at remote sites      *n.*    a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
226. ar\_\_e passionately      *v.*    to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 219. nucleus, 220. attach, 221. suffer, 222. disrupt, 223. diagnose, 224. claim, 225. tumor, 226. argue

227. st\_\_\_e across a room      *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
228. have ge\_\_\_\_c testing      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
229. di\_\_\_\_se with CT scans      *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
230. di\_\_\_\_t sleep      *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
231. permanent br\_\_n damage      *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
232. rec\_\_\_\_ce rate      *n.* the act of happening again or recurring; the return of something, such as a disease or symptom, after a period of abatement or remission
233. commit su\_\_\_\_e      *n.* the act of killing yourself intentionally
234. animal ma\_\_\_\_sm      *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
235. common in\_\_\_\_on      *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 227. stride, 228. genetic, 229. diagnose, 230. disrupt, 231. brain, 232. recurrence, 233. suicide, 234. magnetism, 235. invention

236. al\_\_n with a historical trend      *v.* to put or arrange two or more things in a straight line or to form a straight line
237. ex\_\_\_\_al commerce      *adj.* belonging to or situated outside of someone or something
238. ess\_\_\_\_\_ly correct      *adv.* relating to the essential features or concepts of anything
239. realistic ti\_\_\_\_\_le      *n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
240. sh\_\_\_\_\_e service      *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
241. su\_\_\_\_\_al ability      *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
242. critical m\_\_s      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
243. a small cellular organ of cy\_\_\_\_\_sm      *n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
244. st\_\_k a key in a lock      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 236. align, 237. external, 238. essentially, 239. timescale, 240. shuttle, 241. survival, 242. mass, 243. cytoplasm, 244. stick

245. d\_e patterns *v.* to color a textile or hair by immersing it in a colored liquid or substance
246. re\_\_\_\_\_nt problem *adj.* occurring again, repeatedly, or frequently; returning
247. br\_\_\_\_t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
248. medical tra\_\_\_\_\_er *n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal
249. 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
250. di\_\_\_\_\_on chief *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
251. the ul\_\_\_\_\_te goal in life *adj.* furthest or highest in degree or order
252. qu\_\_\_\_\_nt chart *n.* a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes
253. collaborate with co\_\_\_\_\_ues *n.* one of a group of a coworker, especially in a profession or a business
254. in\_\_\_\_\_fy a good relationship *v.* to increase or make something increase in extent or strength
255. chronic con\_\_\_\_\_ion *n.* a condition in which bowel movements occur less frequently or with difficulty, often resulting in hard, dry stools and discomfort or pain during elimination

ANSWERS: 245. dye, 246. recurrent, 247. breast, 248. transducer, 249. chemotherapy, 250. division, 251. ultimate, 252. quadrant, 253. colleague, 254. intensify, 255. constipation



256. eff\_\_\_\_\_ent crystals *adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents
257. an id\_\_\_\_\_al equation *adj.* being the exact same one
258. tre\_\_\_\_\_us amount *adj.* very great in degree or extent or amount or impact; extremely good
259. a gr\_\_d meal *adj.* important and large in size, scope, or extent
260. sy\_\_\_\_\_y between businesses *n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
261. a selfish de\_\_\_\_\_on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
262. eq\_\_p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
263. fatty li\_\_r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
264. the professor of su\_\_\_\_\_y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 256. efflorescent, 257. identical, 258. tremendous, 259. grand, 260. synergy, 261. decision, 262. equip, 263. liver, 264. surgery

265. pa\_\_\_\_t with weight loss      *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
266. pr\_\_\_\_n decay      *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
267. as\_\_\_\_e a lousy attitude to his boss      *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
268. at\_\_\_\_t attention      *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
269. form a nu\_\_\_\_s      *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
270. 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
271. st\_\_\_\_c electricity      *adj.* not moving or not capable of moving, not changing or not capable of changing

ANSWERS: 265. patient, 266. proton, 267. assume, 268. attract, 269. nucleus, 270. X-ray, 271. static

272. vi\_\_\_\_\_ze flying through space      *v.* to form a mental image or concept of something; to make something visible
273. 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
274. ar\_\_e a case      *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
275. ap\_\_\_\_\_is pathway      *n.* a programmed cell death that occurs in multicellular organisms, characterized by a series of biochemical events within a cell leading to its death and removal without causing damage to surrounding cells
276. sy\_\_\_\_\_y collaboration      *n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
277. b\_\_m of light      *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
278. programmed ap\_\_\_\_\_is      *n.* a programmed cell death that occurs in multicellular organisms, characterized by a series of biochemical events within a cell leading to its death and removal without causing damage to surrounding cells

ANSWERS: 272. visualize, 273. discovery, 274. argue, 275. apoptosis, 276. synergy, 277. beam, 278. apoptosis

279. wreak ve\_\_\_\_\_ce                      *n.* the act of punishing or harming someone in return for something harmful that they have done
280. the mountain's br\_\_\_\_t                      *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
281. ov\_\_y atrophy                      *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
282. un\_\_\_\_\_hy diet                      *adj.* not conducive to good health; detrimental to physical or mental well-being
283. con\_\_\_\_\_sly removed                      *adv.* without being interrupted or paused; repeatedly
284. pa\_\_\_\_\_t in the hospital                      *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
285. as\_\_\_\_\_ut in training                      *n.* a person trained by a space agency to travel outside the Earth's atmosphere
286. co\_\_\_\_\_t research                      *v.* to organize and carry out a particular activity
287. the ma\_\_\_\_\_sm of the moon                      *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something

ANSWERS: 279. vengeance, 280. breast, 281. ovary, 282. unhealthy, 283. continuously, 284. patient, 285. astronaut, 286. conduct, 287. magnetism

288. loss of muscle ti\_\_\_e                    *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
289. a per\_\_\_\_\_ve view                    *n.* a confident attitude toward something; a particular style of thinking about something
290. pr\_\_\_\_\_al English                    *adj.* of or connected with actual use or real situation rather than with theory and ideas
291. pro\_\_\_\_\_on of disease                    *n.* the act or process of changing to the next stage or phase or moving forward
292. platinum el\_\_\_\_\_des                    *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
293. the ul\_\_\_\_\_te luxury                    *adj.* furthest or highest in degree or order
294. na\_\_\_a medication                    *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
295. Northeast qu\_\_\_\_\_nt                    *n.* a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes
296. in\_\_\_\_\_e a lot of paperwork                    *v.* to include or affect someone or something as a necessary part of something else
297. bu\_\_\_e in the champagne glass                    *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 288. tissue, 289. perspective, 290. practical, 291. progression, 292. electrode, 293. ultimate, 294. nausea, 295. quadrant, 296. involve, 297. bubble

298. preserve my gr\_\_\_\_y      *n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
299. dead as \_\_\_p      *adj.* in a state of sleep
300. tu\_\_r growth      *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
301. mi\_\_\_\_s in plants      *n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell
302. a bacterial in\_\_\_\_\_on      *n.* a condition in which pathogenic microorganisms or viruses have entered the body
303. gain pr\_\_\_\_\_al experience      *adj.* of or connected with actual use or real situation rather than with theory and ideas
304. ob\_\_\_\_\_e wildlife      *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 298. gravity, 299. asleep, 300. tumor, 301. mitosis, 302. infection, 303. practical, 304. observe

## Session 3: Fill in the Blanks

1. The \_\_\_\_\_ for completing the construction project is three years.  
*n.* a period or interval of time, particularly one used as a standard for measuring or comparing other periods of time; a reference point or benchmark for the duration or length of a particular event or process
2. The government is eager to \_\_\_\_\_ international investment.  
*v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
3. He sought \_\_\_\_\_ for the wrongs done to him.  
*n.* the act of punishing or harming someone in return for something harmful that they have done
4. The chemotherapy treatment induces \_\_\_\_\_ in cancer cells to prevent their growth.  
*n.* a programmed cell death that occurs in multicellular organisms, characterized by a series of biochemical events within a cell leading to its death and removal without causing damage to surrounding cells
5. The \_\_\_\_\_ professor shared his many years of knowledge with the new students.  
*adj.* describing a person who has retired from a position or role but retains their former title or rank as an honorary status
6. The \_\_\_\_\_ image on the screen took a lot of work to make out.  
*adj.* not moving or not capable of moving, not changing or not capable of changing
7. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.  
*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 1. timescale, 2. attract, 3. vengeance, 4. apoptosis, 5. emeritus, 6. static, 7. device

8. The \_\_\_\_\_ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
9. Rebels have pledged to \_\_\_\_\_ the armed struggle against the dictatorship.
- v.* to increase or make something increase in extent or strength
10. The astronaut felt weightless in space due to the absence of \_\_\_\_\_.
- n.* the force that attracts a body towards the center of the earth or towards any other physical body having mass; a manner that is solemn
11. 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
12. The \_\_\_\_\_ aroma of freshly baked bread drew me into the bakery.
- adj.* having an attractive or tempting quality that draws people in; encouraging or alluring in a way that makes people want to take part or participate
13. Character \_\_\_\_\_ is one of the goals of education.
- n.* the way something is created naturally or the way it has been arranged
14. The map was divided into four \_\_\_\_\_ to examine the geographical region closely.
- n.* a quarter of a circle or sphere or any of the four parts of an area divided by two intersecting lines or planes
15. DNA is stored in the \_\_\_\_\_ of a cell.
- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

ANSWERS: 8. mass, 9. intensify, 10. gravity, 11. diagnose, 12. inviting, 13. formation, 14. quadrants, 15. nucleus



16. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
17. There are numerous \_\_\_\_\_ about food and health.
- n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis
18. \_\_\_\_\_ a society is an organism.
- adv.* relating to the essential features or concepts of anything
19. The \_\_\_\_\_ team worked quickly to save the patient's life.
- adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
20. The company has made great strides in its \_\_\_\_\_ toward sustainability.
- n.* the act or process of changing to the next stage or phase or moving forward
21. This artwork is \_\_\_\_\_ of her work.
- adj.* having the usual characteristics or traits of a specific group of things
22. The new software is much more \_\_\_\_\_ and user-friendly.
- adj.* able to be controlled or directed
23. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
24. The increased concentrat\_\_\_\_ of hydrogen ions in an aqueous solution makes it more acidic.
- n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

ANSWERS: 16. stick, 17. misconceptions, 18. Essentially, 19. medical, 20. progression, 21. typical, 22. controllable, 23. protein, 24. ion

25. I had a terrible case of \_\_\_\_\_ and couldn't stop going to the bathroom.  
*n.* a common digestive disorder with the frequent passage of loose, watery stools that can be caused by various factors such as infections, food poisoning, and certain medications
26. The pharmaceutical company unveiled its latest breakthrough drug for the \_\_\_\_\_ market.  
*n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
27. Wild animals need to go forward with the \_\_\_\_\_ action to survive.  
*adj.* the best; most likely to be successful or advantageous
28. He does not \_\_\_\_\_ importance to these rumors.  
*v.* to fasten, join, or connect one thing to another
29. Both parties are now entirely ideologically \_\_\_\_\_.  
*v.* to put or arrange two or more things in a straight line or to form a straight line
30. 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
31. He has terminal \_\_\_\_\_ cancer.  
*n.* either of the two organs in the chest that people and some animals use for breathing
32. The \_\_\_\_\_ temperature recorded this summer was higher than average.  
*adj.* the largest or greatest amount or value attainable or attained

ANSWERS: 25. diarrhea, 26. oncology, 27. optimal, 28. attach, 29. aligned, 30. radiation, 31. lung, 32. maximum

33. Sitting for long hours in front of the computer is considered \_\_\_\_\_.  
*adj.* not conducive to good health; detrimental to physical or mental well-being
34. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.  
*n.* a workplace for the conduct of scientific research; a laboratory
35. She must undergo a \_\_\_\_\_ screening to check for abnormalities in her reproductive system.  
*adj.* relating to the neck or the cervix (= the narrow passage forming the lower end of the uterus)
36. Yoga is known to have \_\_\_\_\_ benefits for the mind and body.  
*adj.* relating to or involved in the treatment of illness or injury
37. The customer on the Internet has to choose one from a formidable \_\_\_\_\_ of products.  
*n.* a large group or collection of things or people, especially one that is impressive or attractive
38. Management must take \_\_\_\_\_ responsibility for the accident.  
*adj.* furthest or highest in degree or order
39. The rollercoaster ride left me with a feeling of \_\_\_\_\_.  
*n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
40. The \_\_\_\_\_ in the sonar system converts electrical pulses into sound waves to detect underwater objects.  
*n.* a device or instrument that converts one type of energy, such as sound, pressure, or temperature, into another type, typically an electrical signal

ANSWERS: 33. unhealthy, 34. lab, 35. cervical, 36. therapeutic, 37. array, 38. ultimate, 39. nausea, 40. transducer

41. The \_\_\_\_\_ force of the black hole was so strong that nothing, not even light, could escape.  
*adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
42. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
43. He should \_\_\_\_\_ more with his colleagues.  
*v.* to communicate or react with somebody
44. The metal showed signs of \_\_\_\_\_ after being subjected to repeated stress.  
*n.* a feeling of tiredness or weariness, especially as a result of physical or mental exertion; the reduction in the strength or efficiency of a material or structure due to repeated use or stress
45. The older man \_\_\_\_\_ from arthritis and finds it difficult to move around.  
*v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
46. The systems we have developed has accepted as industry \_\_\_\_\_.  
*n.* something that is regarded as usual, typical, or standard
47. The couple began to \_\_\_\_\_ over which restaurant to go to for dinner.  
*v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
48. He evaluated his chances for \_\_\_\_\_ rather pessimistically.  
*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

ANSWERS: 41. gravitational, 42. genetic, 43. interact, 44. fatigue, 45. suffers, 46. norms, 47. argue, 48. survival

49. The patient was diagnosed with a \_\_\_\_\_ in her lung.
- n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
50. A powerful \_\_\_\_\_ motor is required to process these metal parts.
- n.* a rotating shaft that serves as axes for larger rotating parts; (biology) tiny fibers that are seen in cell division
51. The side effects of \_\_\_\_\_ such as nausea and hair loss, were a major concern for the patient.
- n.* short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
52. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
53. The patient complained of \_\_\_\_\_ and the doctor recommended increasing their daily fiber intake.
- n.* a condition in which bowel movements occur less frequently or with difficulty, often resulting in hard, dry stools and discomfort or pain during elimination
54. 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
55. He discovered unique \_\_\_\_\_ for photochemical reactions.
- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 49. tumor, 50. spindle, 51. chemo, 52. disrupt, 53. constipation, 54. cancer, 55. mechanisms

56. It is important to \_\_\_\_\_ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
57. The products they sell are the \_\_\_\_\_ for performance in the industry.
- n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
58. Your talking \_\_\_\_\_ with my work.
- v.* to get involved in and prevent a process or activity from continuing
59. The doctor carefully examined the \_\_\_\_\_ medical history.
- n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
60. The budget reduction was an \_\_\_\_\_ feat for our nation.
- adj.* arousing admiration due to size, quality, or skill
61. The \_\_\_\_\_ bicyclist outrode all his competitors.
- n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
62. The sun's \_\_\_\_\_ shone through the window and illuminated the room.
- n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
63. This evidence supports the big-bang \_\_\_\_\_.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

ANSWERS: 56. observe, 57. baseline, 58. interferes, 59. patient's, 60. impressive, 61. champion, 62. beam, 63. hypothesis

64. Infant formulas are nutritionally almost \_\_\_\_\_ to a mother's breast milk.  
*adj.* being the exact same one
65. When a company discloses information to the market, an \_\_\_\_\_ auditor verifies them.  
*adj.* belonging to or situated outside of someone or something
66. Which \_\_\_\_\_ of the company do you work in?  
*n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
67. The new software program was designed to increase productivity by promoting employee \_\_\_\_\_.  
*n.* the interaction of elements that, when combined, produce a total effect that is greater than the sum of the individual elements
68. These birds can only \_\_\_\_\_ in temperate climates.  
*v.* to live or exist despite a dangerous event or period
69. A clear and simple expression is the \_\_\_\_\_ of good writing.  
*n.* a distinctive characteristic or attribute of a person or thing
70. It is important to place the \_\_\_\_\_ in the correct position for accurate electro-cardiogram recording.  
*n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
71. The patient has been experiencing \_\_\_\_\_ headaches for weeks.  
*adj.* occurring again, repeatedly, or frequently; returning

ANSWERS: 64. identical, 65. external, 66. division, 67. synergy, 68. survive, 69. hallmark, 70. electrodes, 71. recurrent

72. Her tongue runs on \_\_\_\_\_.

*adv.* in a way that happens without interruption or repeatedly

73. The endocrine function of the \_\_\_\_\_ involves the secretion of hormones such as insulin.

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

74. She was struggling to make a \_\_\_\_\_ between two job offers.

*n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

75. Human females normally have two X \_\_\_\_\_.

*n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

76. The \_\_\_\_\_ on my bike broke, leaving me stranded.

*n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

77. Overall \_\_\_\_\_ are approximately 400x200mm.

*n.* a measurable extent of a particular kind, such as width, height, or length

78. We would \_\_\_\_\_ an early reply.

*v.* to value and acknowledge the worth of someone or something; to be grateful for something or someone

79. Totalitarian \_\_\_\_\_ are less likely to innovate because they deprive individuals of economic incentives.

*n.* the organization, a system, or method that is the governing authority of a political unit

ANSWERS: 72. continually, 73. pancreas, 74. decision, 75. chromosomes, 76. chain, 77. dimensions, 78. appreciate, 79. regimes



80. The vase \_\_\_\_\_ into pieces when it fell to the ground.
- v. break or cause to break into small fragments
81. His \_\_\_\_\_ showed highly positive results.
- n. the scientific test conducted to observe what happens and gain new knowledge
82. 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
83. The child was drawn to the \_\_\_\_\_ of the colorful toy display in the store.
- n. the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
84. She \_\_\_\_\_ her hair purple for a change.
- v. to color a textile or hair by immersing it in a colored liquid or substance
85. The drought \_\_\_\_\_ the prices of grain globally.
- v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position
86. Many people worry that the current real estate market is a \_\_\_\_\_ that could burst soon.
- n. a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
87. The following example \_\_\_\_\_ that the capacity of each battery is the same.
- v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 80. disintegrated, 81. experiments, 82. discovery, 83. magnetism, 84. dyed, 85. lifted, 86. bubble, 87. assumes

88. The cell's \_\_\_\_\_ is filled with various organelles that perform different functions.
- n.* the gel-like substance that fills the cell and surrounds the cell's organelles made up of water, ions, and organic molecules
89. His father's death changed his whole \_\_\_\_\_ on life.
- n.* a confident attitude toward something; a particular style of thinking about something
90. The construction company \_\_\_\_\_ the building with an earthquake-resistant device.
- v.* to provide a person or a place with the things that are needed for a particular purpose or activity
91. The \_\_\_\_\_ disease can spread quickly and potentially cause a global pandemic.
- adj.* spreading very quickly, and often aggressively, and difficult to stop
92. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
93. Her concept is highly \_\_\_\_\_ and helpful.
- adj.* of or connected with actual use or real situation rather than with theory and ideas
94. He lay down and fell \_\_\_\_\_ immediately.
- adj.* in a state of sleep
95. There was a \_\_\_\_\_ between speed and accuracy in the task.
- n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

ANSWERS: 88. cytoplasm, 89. perspective, 90. equipped, 91. invasive, 92. liver, 93. practical, 94. asleep, 95. trade-off

96. Actuators convert \_\_\_\_\_ pulses into motion.

*adj.* relating to electricity

97. To find drunk drivers, police conduct \_\_\_\_\_ tests.

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

98. The artist's \_\_\_\_\_ paintings were featured in the gallery's exhibition.

*adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents

99. She tried to \_\_\_\_\_ the layout of the new house in her mind.

*v.* to form a mental image or concept of something; to make something visible

100. The train has to \_\_\_\_\_ rigorous safety checks.

*v.* to go through something unpleasant or that involves a change

101. The solar wind is composed almost entirely of electrons and \_\_\_\_\_.

*n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

102. 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

103. I underwent aversion \_\_\_\_\_ for my addiction to alcohol.

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

ANSWERS: 96. electrical, 97. random, 98. efflorescent, 99. visualize, 100. undergo, 101. protons, 102. disease, 103. therapy

104. 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
105. The \_\_\_\_\_ bus will take you to the airport in 15 minutes.
- n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
106. He had undergone heart \_\_\_\_\_ years before.
- n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
107. Destructive fungi thrive in moist environments, such as those seen in wounds on the \_\_\_\_\_.
- n.* the main stem or body of a tree which its branches grow
108. This year's \_\_\_\_\_ gathering will be held in Canada.
- adj.* important and large in size, scope, or extent
109. Jockey's superior \_\_\_\_\_ brought him victory.
- n.* a particular way or art of doing something that needs skill
110. Chromosomes condense and align at the center of the cell during the metaphase of \_\_\_\_\_.
- n.* a type of cell division that occurs in eukaryotic organisms, where a single cell divides into two genetically identical daughter cells, each with the same number of chromosomes as the parent cell

ANSWERS: 104. chemotherapy, 105. shuttle, 106. surgery, 107. trunk, 108. grand, 109. technique, 110. mitosis

111. I adjusted the temperature to reach the \_\_\_\_\_ level for baking the cake.

*adj.* the best or most favorable; the ideal or most advantageous; the point at which something operates at peak performance or efficiency

112. We do move forward with those tasks in \_\_\_\_\_ next week.

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

113. He fastens some sheets of paper with a \_\_\_\_\_.

*n.* a small metal or plastic device used for holding an object or objects together or in place; a short part of electronic media, either an audio clip or video clip

114. 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

115. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.

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

116. The \_\_\_\_\_ of the flu every winter is a common occurrence.

*n.* the act of happening again or recurring; the return of something, such as a disease or symptom, after a period of abatement or remission

117. Her sleep was \_\_\_\_\_ by recurring pain.

*v.* to say or do something that causes someone to stop in their speech or action

118. In an economically prosperous country, most male \_\_\_\_\_ is due to child support problems.

*n.* the act of killing yourself intentionally

ANSWERS: 111. optimum, 112. sequence, 113. clip, 114. colleague, 115. infections, 116. recurrence, 117. interrupted, 118. suicide

119. Overprotective parents often \_\_\_\_\_ their children with messages reinforcing their lack of mastery.
- v. to attack a place with bombs or gunshots continuously; to address with continuously or persistently, as if with a barrage
120. She \_\_\_\_\_ confidently across the stage to accept her award.
- v. to walk with long steps in a particular direction; (noun) an important and positive progress
121. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.
- v. to force, take, or pull apart; mark as different
122. He wants to \_\_\_\_\_ ownership of the abandoned property.
- v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
123. The era of the industrial revolution was a crucial \_\_\_\_\_ of history.
- n. any stage in a series of events, change, or development
124. This project took a lot of time to get the president's \_\_\_\_\_.
- n. the belief that someone or something is good or acceptable
125. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.
- n. an ensemble of similar cells of the animal or plant that together carry out a specific function
126. She intends to \_\_\_\_\_ a political career.
- v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

ANSWERS: 119. bombard, 120. strides, 121. separate, 122. claim, 123. phase, 124. approval, 125. tissue, 126. pursue

127. The \_\_\_\_\_ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.
- adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
128. The country's domestic coal consumption has been \_\_\_\_\_ declining for decades.
- adv.* without being interrupted or paused; repeatedly
129. 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
130. Necessity is the mother of \_\_\_\_\_.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
131. 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
132. 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
133. The nurse prepared an \_\_\_\_\_ of pain medication for the patient.
- n.* a liquid, especially one containing medicine that is introduced into the body through a vein, muscle, or joint; the act of adding such liquid

ANSWERS: 127. firm, 128. continuously, 129. develop, 130. invention, 131. X-ray, 132. breast, 133. infusion

134. X-rays revealed a small tumor in his \_\_\_\_\_.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
135. The shuttle \_\_\_\_\_ trained for months before embarking on the space mission.
- n.* a person trained by a space agency to travel outside the Earth's atmosphere
136. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.
- v.* to include or affect someone or something as a necessary part of something else
137. She was proud to receive a \_\_\_\_\_ for her hard work and dedication to the sport.
- n.* a flat, usually circular piece of metal or other material that is often given as an award or commemoration for an achievement, victory, or honor
138. Can you \_\_\_\_\_ 123321 by eleven?
- v.* to separate or cause to separate into parts or groups
139. They found \_\_\_\_\_ cancer in an early stage.
- n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
140. I often hear a \_\_\_\_\_ loud and distinctive call while hiking in the woods.
- n.* a type of bird that belongs to the crow family and is known for its brightly colored feathers and loud, raucous call
141. The allegations of corruption \_\_\_\_\_ her reputation, and she struggled to regain public trust.
- v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove

ANSWERS: 134. brain, 135. astronaut, 136. involves, 137. medal, 138. divide, 139. ovary, 140. jay's, 141. stained



142. This project has been \_\_\_\_\_ for several years.

*adj.* having started and currently in progress

143. My boss wouldn't \_\_\_\_\_ of the plan.

*v.* to think that someone or something is favorable, acceptable, or appropriate; to officially accept a plan, request, etc.

144. 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

145. Police will \_\_\_\_\_ random breath testing for drunk driving.

*v.* to organize and carry out a particular activity

146. Her resistance \_\_\_\_\_ under his persuasion.

*v.* to turn from something solid into something soft or liquid as a result of heating

147. Loud noises might harm the fragile ear \_\_\_\_\_.

*n.* a soft, thin layer that forms animal or vegetable tissue

148. The company \_\_\_\_\_ raw materials from other countries to manufacture its products.

*v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;

149. The third \_\_\_\_\_ was far more successful.

*n.* an act or effort of trying to do something, especially something difficult

ANSWERS: 142. underway, 143. approve, 144. cellular, 145. conduct, 146. melted, 147. membrane, 148. imports, 149. attempt

150. The \_\_\_\_\_ of water is called ice.

*adj.* hard or firm; characterized by good substantial quality

151. The lab technician used in \_\_\_\_\_ fertilization to help the couple conceive.

*n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish

152. We had a \_\_\_\_\_ time yesterday.

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

ANSWERS: 150. solid-state, 151. vitro, 152. tremendous