

# Englist.me



## Vocabulary Builder Reference from...

*Chuck Murry: Can we regenerate heart muscle with stem cells? | TED Talk*

[https://www.ted.com/talks/chuck\\_murry\\_can\\_we\\_regenerate\\_heart\\_muscle\\_with\\_stem\\_cells](https://www.ted.com/talks/chuck_murry_can_we_regenerate_heart_muscle_with_stem_cells)

### All Words

#### IMPORTANT

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

## Session 1: Word List

### 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.

### donna

*n.* (also used as "prima donna") a title of respect given in Italy to a woman of rank or nobility; a woman of distinction or importance

*synonym* : woman, lady, female

(1) prima **donna** attitude, (2) prima **donna** personality

Her prima **donna** behavior on the movie set was well known, making it difficult for directors to work with her.

### photograph

*n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

*synonym* : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

## vigorous

*adj.* characterized by energy or intensity; physically strong and healthy; robust and enthusiastic in action or thought

*synonym* : energetic, robust, enthusiastic

(1) **vigorous** debate, (2) **vigorous** exercise

He conducts a **vigorous** workout routine to stay in shape.

## matriarch

*n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group

*synonym* : leader, head, founder

(1) ruled by a **matriarch**, (2) **matriarch** figure

The **matriarch** of the family was known for her wisdom and guidance.

## clan

*n.* a group of families united by actual or perceived kinship and descent, especially in Scotland

*synonym* : family, kin, tribe

(1) **clan** society, (2) tribal **clan**

This **clan** saved people from a world full of violence.

## 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.

## onset

*n.* the beginning or early stages of unpleasant something; a military attack

*synonym* : beginning, attack, commencement

(1) at the first **onset**, (2) the **onset** of spring

This medicine works best when taken at the **onset** of a cold.

## crush

*v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

*synonym* : destroy, demolish, pulverize

(1) **crush** coffee beans, (2) **crush** a revolt  
The car was completely **crushed** in the accident.

### unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

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

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

### 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.

### physician

*n.* a medical doctor who practices medicine

*synonym*: doctor, practitioner, medic

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

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

### electrocardiogram

*n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity

*synonym*: ECG, heart monitor, cardiac monitor

(1) **electrocardiogram** technician, (2) abnormal **electrocardiogram**

The hospital invested in state-of-the-art **electrocardiogram** machines to improve patient care.

### myocardial

*adj.* relating to the muscular tissue of the heart

*synonym*: cardiac, heart-related, ventricular

(1) **myocardial** infarction, (2) **myocardial** fibrosis

The physical examination revealed no abnormalities in the patient's **myocardial** structure.

## infarction

*n.* the obstruction or blockage of blood flow to a specific area or organ, leading to tissue damage or death, commonly used to describe a myocardial infarction (heart attack)

*synonym*: heart attack, coronary, thrombosis

(1) acute **infarction**, (2) cerebral **infarction**

Time is critical when treating a myocardial **infarction**.

## parlance

*n.* the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group

*synonym*: jargon, vernacular, dialect

(1) legal **parlance**, (2) common **parlance**

In medical **parlance**, a heart attack is a myocardial infarction.

## progressive

*adj.* relating to or supporting development or advancement, especially social or political one

*synonym*: advanced, forward-thinking, modern

(1) **progressive** taxation, (2) **progressive** development

The **progressive** approach to education emphasizes hands-on learning and student-centered classrooms.

## wane

*v.* to decrease in size, strength, or intensity

*synonym*: decrease, diminish, fade

(1) **wane** over time, (2) **wane** in popularity

The fragrance of this material **wanes** over weeks to months.

## grandkid

*n.* the grandchildren of a particular person

*synonym*: grandchildren, grandnieces, grandnephews

(1) spend the weekend with their **grandkids**, (2) cute **grandkids**

She was so proud of her **grandkids**, who were all doing well in school and had great personalities.

## driveway

*n.* a private road leading from a street or road to a house or garage, typically providing access for vehicles

*synonym* : entrance, access, approach

(1) long **driveway**, (2) snow-covered **driveway**

I accidentally backed into my wife's car while backing out of the **driveway** this morning.

## grandchild

*n.* a child of someone's son or daughter

*synonym* : offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

## cardiac

*adj.* of or relating to the heart or heart disease

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

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

## arrhythmia

*n.* a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting

*synonym* : irregular heartbeat, dysrhythmia, arrhythmic disorder

(1) **arrhythmia** treatment, (2) heart **arrhythmia**

The patient was diagnosed with an **arrhythmia**, causing irregular heartbeats.

## ordinary

*adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree

*synonym* : mundane, prosaic, average

(1) an **ordinary** school, (2) **ordinary** annual revenue

The **ordinary** session of the Diet opened.

## statistics

*n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

## expense

*n.* the money, time, or effort incurred or required for something

*synonym* : cost, expenditure, outlay

(1) enormous **expenses**, (2) **expense** account

For this project to be successful, we must control **expenses** strictly.

## refer

*v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

*synonym* : cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

## regenerative

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

*synonym* : rejuvenating, restorative, healing

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

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

## clot

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

*synonym* : clump, coagulation, thrombus

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

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

## corona

*n.* a crown-shaped structure, often referring to the outermost layer of the Sun's atmosphere; a family of viruses known as coronaviruses; a halo or aura around a celestial body; a circular pattern or shape

*synonym* : crown, halo, circle

(1) **corona** layer, (2) **corona** outbreak

The **corona** virus has caused a global pandemic.

## artery

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

*synonym* : blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease

Continuous consumption of fatty foods leads to the hardening of the **artery**.

## metabolism

*n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

## 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.

## heal

*v.* to make a wound or injury to become well again

*synonym* : recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind

It will take time for her mental scars to **heal**.

## scar

*n.* a mark that remains on the skin after a wound has healed

*synonym* : blemish, imperfection, blotch

(1) burn **scar**, (2) carry a **scar**

Even after the wound has healed, a **scar** remains.

## deficit

*n.* the total amount by which money spent is greater than money earned in a particular period of time; the property of being an amount by which something, especially an amount of money, is less than expected or required

*synonym* : insufficiency, deficiency, shortage

(1) federal budget **deficit**, (2) an accumulative **deficit**  
Exchange rate fluctuations have increased that country's trade **deficit**.

## 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.

## imbalance

*n.* a situation in which two or more things are not equal or equally treated

*synonym*: inequality, asymmetry, instability

(1) trade **imbalance**, (2) symptoms of hormonal **imbalance**  
An **imbalance** in certain substances causes problems with brain function.

## crux

*n.* the most important or fundamental part of a matter or situation; the key point or central issue

*synonym*: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument  
The **crux** of the matter was that the company was not financially stable.

## shrug

*v.* to raise your shoulders and then drop them to say you do not know or are not interested

(1) **shrug** off the importance, (2) **shrug** his shoulders sadly  
I respect her ability to **shrug** off harsh criticism.

## chuck

*v.* to throw something carelessly or casually; to get rid of something or someone

*synonym*: toss, throw, discard

(1) **chuck** the ball across the yard, (2) **chuck** my job  
I will **chuck** these old shoes in the trash and buy a new pair.



## resigned

*adj.* having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances

*synonym* : submissive, acquiescent, passive

(1) with a **resigned** voice, (2) **resigned** to their fate

She had a **resigned** look on her face when she realized that she had lost the race.

## quo

*n.* the existing state or condition of something, especially in relation to a particular situation or issue

*synonym* : status, condition, state

(1) status **quo** politician, (2) **quo** warranto

The company has been successful in maintaining the status **quo**.

## 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.

## stem

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

*synonym* : branch, limb, (verb) come from

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

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

## medicinal

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

*synonym* : curative, therapeutic, healing

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

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

## microscope

*n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

*synonym*: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

## belie

*v.* to contradict or show to be false or untrue; to give a false impression or disguise the true nature of something

*synonym*: disprove, refute, contradict

(1) **belie** his expectations, (2) **belies** the impact of the speaker's words

The peaceful surroundings **belied** the danger lurking just around the corner.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym*: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

## attribute

*v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

*synonym*: ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

## 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?

## crazy

*adj.* stupid or not sensible; very angry

*synonym* : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

## differentiate

*v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

*synonym* : discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

## 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**.

## kidney

*n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

## 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.

## chock-full

*adj.* completely filled or crowded with something; having no space or room for additional things

*synonym* : full, crowded, jam-packed

(1) **chock-full** schedule, (2) **chock-full** of flavor

The picnic basket was **chock-full** of sandwiches, fruit, and drinks.

## marrow

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

*synonym* : bone marrow, pith, center

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

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

## crank

*n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

*synonym* : eccentric, oddball, kook

(1) **crank** handle, (2) **crank** caller

The fishing reel had a **crank** that made it easy to reel in the catch.

## stable

*adj.* firm and steady; not easily moved, disturbed, or changed

*synonym* : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

## entirely

*adv.* completely

*synonym* : completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## pluripotent

*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

*synonym* : versatile, all-purpose, adaptable

(1) **pluripotent** embryonic cells, (2) **pluripotent** gene

expression

**Pluripotent** stem cells can differentiate into any cell in the body.

## transplant

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

*synonym*: relocate, emigrate, graft

(1) **transplant** a heart, (2) **transplant** my family to America  
He tried to **transplant** the seedling into a larger pot.

## seed

*n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

*synonym*: germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

## contractile

*adj.* having the ability or tendency to contract (= to shorten or become smaller), especially in a muscular or cellular context; capable of reducing in size or volume through a contraction (= shortening or tightening)

*synonym*: contracting, shrinking, constricting

(1) **contractile** fibers, (2) **contractile** proteins

Cardiac muscle cells are highly **contractile**, enabling the heart to beat continuously.

## function

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

*synonym*: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the

body's **function**.

## applaud

*v.* to express approval of someone or something by clapping the hands

*synonym*: clap, celebrate, praise

(1) **applaud** his courage, (2) **applaud** the orchestra  
I enthusiastically **applaud** my rival's achievement.

## 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**.

## clinic

*n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

*synonym*: hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

## quest

*n.* a long or challenging search for something

*synonym*: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

## 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.

## clump

*n.* a small group of bushes, trees, flowers, people, etc.

*synonym*: cluster, bunch, bundle

(1) **clump** of bacteria, (2) a **clump** of trees

I heard the **clump** of his boots in the hallway.

## principle

*n.* a fundamental law or truth that explains or controls how something happens or works

*synonym*: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

## cartilage

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

*synonym*: connective tissue, gristle, fibrocartilage

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

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

## intestine

*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

*synonym*: gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

## coax

*v.* to persuade, encourage, or gently urge someone to do something; to manipulate or persuade something to work or function properly

*synonym*: persuade, cajole, lure

(1) **coax** a confession, (2) **coax** a smile

She tried to **coax** her cat out of the tree with a can of tuna.

## embryonic

*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

*synonym*: embryonal

(1) **embryonic** stem cells, (2) **embryonic** development

The project is still in its **embryonic** stage.

## embryology

*n.* the branch of biology that studies the development of an embryo from the fertilization of the egg cell until birth or hatching

*synonym* : developmental biology, organismal biology

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

The advancement of **embryology** provides us with a better understanding of genetics and human reproduction.

## ponder

*v.* to think deeply or carefully about something

*synonym* : think about, consider, reflect on

(1) **ponder** divine matters, (2) **ponder** life's meaning

She sat quietly, **pondering** the difficult decision.

## mystery

*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

*synonym* : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

## 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.

## 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.



## fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym*: pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## cardiovascular

*adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)

(1) **cardiovascular** diseases, (2) **cardiovascular** tissue

Smoking places you at severe risk of **cardiovascular** and respiratory disease.

## shameless

*adj.* without shame or embarrassment; showing no remorse or guilt for one's actions or behaviors

*synonym*: brazen, unashamed, audacious

(1) **shameless** behavior, (2) **shameless** liar

He acted in a **shameless** way, not caring that his actions hurt others.

## abscond

v. to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences

*synonym*: flee, escape, run away

(1) **abscond** with money, (2) **abscond** from home

The suspect **absconded** from the police station before they could be arrested.

## nowadays

*adv.* at the current time, in comparison to the past

*synonym*: currently, presently, today

(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

## improve

v. to make or become better

*synonym*: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## exciting

*adj.* causing a lot of interest or excitement

*synonym* : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

## slide

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

*synonym* : glide, drift, drop

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

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

## 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.

## 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.

## organoid

*n.* a laboratory-grown miniature version of a human organ, usually derived from stem cells, that can be used for studying development, diseases, and treatments

*synonym* : tissue, cell culture, organ culture

(1) **organoid** culture, (2) **organoid** research

The development of **organoids** has opened up new avenues for research into the early stages of fetal development

## twitch

*v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body

*synonym*: spasm, jerk, flinch

(1) **twitch** at his sleeve, (2) **twitch** of an eye

She couldn't stop her leg from **twitching** nervously.

## independence

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

*synonym*: freedom, liberty, autonomy

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

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

## sleeve

*n.* a part of a garment that covers all or part of an arm

*synonym*: arm covering, armband

(1) a wide **sleeve**, (2) **sleeve** length

He rolled up his **sleeves** to get ready to work.

## jellyfish

*n.* a marine creature with a soft, jelly-like body and tentacles for stinging

*synonym*: medusa, sea nettle, moon jelly

(1) spineless **jellyfish**, (2) **jellyfish** sting

The beach was filled with hundreds of **jellyfish**, so swimming was not recommended.

## 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.

## genome

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

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

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

**edit**

*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it  
*synonym*: revise, modify, adjust  
(1) **edit** a history book, (2) **edit** a video  
I need to **edit** this document before submitting it to my boss.

**splice**

*v.* to join or connect two or more pieces or lengths of something, especially by twisting or interweaving them; to get married  
*synonym*: join, connect, unite  
(1) **splice** a gene, (2) **splice** the old and new sections  
I need to **splice** these two wires together to complete the circuit.

**flash**

*n.* a sudden intense burst of radiant energy; a momentary brightness  
*synonym*: sparkle, gleam, glimmer  
(1) a **flash** of lightning, (2) brilliant **flash**  
These heavy rains caused **flash** floods on several islands.

**experimental**

*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have  
*synonym*: empirical, exploratory, observed  
(1) **experimental** data, (2) **experimental** design  
The product is still in the **experimental** stage.

**peer**

*n.* a person who has the same age, status, or ability  
*synonym*: fellow, associate, counterpart  
(1) **peer** group, (2) **peer** review  
Among young people, **peer** pressure can be pretty influential.

**anxious**

*adj.* worried and nervous  
*synonym*: nervous, uneasy, afraid

(1) **anxious** about his health, (2) an **anxious** look  
He cast **anxious** glances behind her.

## persevere

*v.* to persist in the course of action, despite opposition or difficulty; to continue with determination despite setbacks, obstacles, or discouragement

*synonym*: persist, endure, continue

(1) **persevere** through hardships, (2) **persevere** in my goals  
Even when faced with challenges, it's important to **persevere** and never give up.

## biochemical

*adj.* relating to the chemical processes and substances that occur within living organisms

*synonym*: molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**  
**Biochemical** research is essential to understanding the complex chemical reactions in living organisms.

## cocktail

*n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

*synonym*: appetizer, beverage

(1) a light **cocktail**, (2) **cocktail** of chemicals  
We invited some friends for a **cocktail** party.

## 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.

## 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.

## process

*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## injury

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

*synonym* : wound, damage, hurt

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

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

## synchronous

*adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized

*synonym* : simultaneous, concurrent, parallel

(1) **synchronous** communication, (2) **synchronous** learning

The group of performers perfectly executed the **synchronous** dance routine.

## probe

*n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

*synonym* : investigation, inquiry, examination

(1) a lunar **probe**, (2) **probe** for inside information

NASA sent a **probe** to study the atmosphere of Jupiter.

## launch

*v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

*synonym* : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## biology

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

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

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

## zoom

*v.* to move along very quickly; (noun) the act of rising upward into the air

*synonym*: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

## guinea

*n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

*synonym*: coin, money, currency

(1) **guinea** coins, (2) **guinea** pig

The cost of the antique vase is three **guineas**.

## graft

*n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

*synonym*: transplant, implantation, bribery

(1) **graft** surgery, (2) anti- **graft** law

The patient's skin **graft** procedure was successful, and he

was released from the hospital.

## diagonally

*adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical

*synonym* : obliquely, slantwise, askew

(1) **diagonally** opposite, (2) cut **diagonally**

I walked **diagonally** across the field to reach the other side faster.

## needle

*n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

*synonym* : thorn, spike, pin

(1) **needle** prick, (2) sewing **needle**

The acupuncturist inserted **needles** into specific points on my body to alleviate my pain.

## trace

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

*synonym* : seek, follow, depict

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

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

## heartbeat

*n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

*synonym* : beat, pulse, force

(1) **heartbeat** abnormality, (2) a pounding **heartbeat**

New York is the commercial **heartbeat** of America.

## correspondence

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

*synonym* : letters, closeness, likeness

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

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



## pacemaker

*n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

*synonym* : heartbeat regulator, pacer, pacesetter

(1) implanted **pacemaker**, (2) **pacemaker** battery

Some people with **pacemakers** may need to avoid certain activities or sources of electromagnetic interference.

## lockstep

*n.* a way of walking in which people's strides are perfectly synchronized; rigid conformity to a particular plan or set of actions

*synonym* : uniformity, synchronicity, conformity

(1) follow the rules in **lockstep**, (2) work in **lockstep**

The dancers moved in **lockstep**, perfectly synchronized with one another.

## predict

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

*synonym* : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

## macaque

*n.* any of the various short-tailed monkeys found in Asia and Africa, typically living in large groups and known for their intelligence and adaptability

*synonym* : macaca, macaca monkey

(1) **macaque** monkey, (2) **macaque** species

The rhesus **macaque** is one of the biomedical research's most widely used animal models.

## microscopic

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

*synonym* : infinitesimal, tiny, atomic

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

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

## saline

*adj.* containing salt; of or relating to chemical salts

*synonym* : salty, briny, brackish

(1) a **saline** lake, (2) irrigation with **saline**

The drug is dissolved in a **saline** solution.

## injection

*n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

*synonym* : shot, infusion, dose

(1) fuel **injection**, (2) **injection** needle

He received an **injection** of antibiotics to treat his infection.

## placebo

*n.* harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug

(1) **placebo** therapy, (2) patient in the **placebo** group

A double-blind procedure is used to guard against experimenter bias and **placebo** effects.

## deficiency

*n.* the state of lack, or not having enough of, something that is essential

*synonym* : insufficiency, shortage, depletion

(1) a **deficiency** of copper and zinc, (2) a mild degree of mental **deficiency**

Vitamin **deficiency** can lead to various illnesses.

## contrast

*v.* to put in opposition to show or emphasize differences

*synonym* : differ, vary, counterpoint

(1) **contrast** with a decade ago, (2) **contrast** two things

It's intriguing to compare and **contrast** the two authors.

## populate

*v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information

*synonym* : inhabit, occupy, dwell

(1) **populate** the countryside, (2) **populate** the spreadsheet

Deer, squirrels, and birds primarily **populate** the forest.

## plump

*adj.* rounded and full, especially in a pleasing way;  
pleasantly fat

*synonym* : rounded, full, pudgy

(1) get **plump**, (2) **plump** little pig

The baker added butter to the dough to make the rolls **plump** and soft.

## recap

*v.* to repeat or summarize what has been said, decided, etc.

*synonym* : outline, summarize, abstract

(1) **recap** key points, (2) **recap** briefly

Let me quickly **recap** these results.

## roadblock

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

*synonym* : obstacle, barrier, blockade

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

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

## electrical

*adj.* relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

## instability

*n.* the state of being unstable or uncertain and likely to change suddenly

*synonym* : imbalance, fluctuation, unstableness

(1) political **instability**, (2) **instability** in currency markets

Lack of sleep and overwork often lead to emotional **instability**.

## ventricle

*n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

*synonym* : chamber, pumping heart muscle

(1) left **ventricle**, (2) **ventricle** in the brain

The heart's **ventricles** are responsible for pumping blood out to the body.

## irregular

*adj.* not having an even or balanced shape or arrangement; contrary to the usual rule, accepted order, or what is expected

*synonym* : periodic, rare, inconsistent

(1) **irregular** verbs, (2) **irregular** periods

Driving was difficult on the **irregular** cobblestoned surface.

## unexpected

*adj.* not anticipated or regarded as likely to happen

*synonym* : surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

## extensive

*adj.* covering a large area; having a wide range

*synonym* : ample, comprehensive, vast

(1) **extensive** experience, (2) have **extensive** vocabulary

The incident attracted **extensive** media coverage throughout the world.

## graph

*n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

*synonym* : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

## competition

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

*synonym* : contest, match, fight

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

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

## gaggle

*n.* a group or flock of wild geese; a gathering of people, particularly when noisy or in disarray

*synonym* : flock, group, crowd

(1) **gaggle** of tourists, (2) **gaggle** of ducks

A **gaggle** of geese took off from the pond and flew overhead.

## orderly

*adj.* clean or organized in a neat, careful and logical way

*synonym* : tidy, tidied, neat

(1) **orderly** and fair market, (2) **orderly** manner

The elections were handled in a timely and **orderly** manner.

## rhythm

*n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

*synonym* : beat, cadence, tempo

(1) in samba **rhythm**, (2) irregular heart **rhythm**

He beat out a jazz **rhythm** on the cajones.

## rein

*n.* a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control

*synonym* : strap, harness, headstall

(1) tight **rein**, (2) **rein** in costs

The new driver struggled to keep a firm grip on the **rein** as the horse bolted.

## coordinated

*adj.* effectively arranged or organized so that all the parts work smoothly or systematically together

*synonym* : collective, unified, cooperative

(1) in a **coordinated** manner, (2) **coordinated** robot system

For greater efficiency, our efforts must be better **coordinated**.

## fashion

*n.* a style that is popular at a particular time or place; the state of being popular

*synonym* : style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends

That style is no longer in **fashion**.

## adolescent

*n.* a young person who is in the process of developing from a child into an adult

*synonym*: teen, preadult, youth

(1) **adolescent** girl, (2) pre- **adolescent** children

Timely education about birth control might help reduce **adolescent** pregnancies.

## 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.

## march

*v.* to walk militarily with stiff, regular steps

*synonym*: parade

(1) **march** against the war, (2) **march** east

The troops **marched** shoulder-to-shoulder.

## meantime

*n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else

*synonym*: interim, meanwhile, lag

(1) **meantime** report, (2) for the **meantime**

In the **meantime**, while we wait for the results, let's start working on the next project.

## eject

*v.* to force someone to put out or leave a particular place or position

*synonym*: discharge, expel, emit

(1) **eject** a player from a game, (2) **eject** huge amounts of pollutant

Our immune system can **eject** disease germs from the body.

## fraction

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

*synonym*: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

## squeeze

*v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

*synonym*: compress, crush, clamp

(1) **squeeze** a lemon, (2) **squeeze** a confession

She **squeezed** the toothpaste tube from the middle to get the last bit out.

## chamber

*n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

*synonym*: association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

## scan

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

*synonym*: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

## unchanged

*adj.* not altered, modified, or varied in any way

*synonym*: unaltered, constant

(1) **unchanged** routine, (2) **unchanged** from the previous month

The company's policy remained **unchanged** despite the criticism.

## spontaneously

*adv.* in a way that is natural, not planned or forced, and often sudden

*synonym*: impromptu, automatically, immediately

(1) recover **spontaneously** after five days, (2) this shift

occurs **spontaneously**

The electrical cord **spontaneously** combusted.

## recover

v. to return to a former condition, health, mind, or strength

*synonym*: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

## substantial

*adj.* fairly large in size, value, or importance

*synonym*: significant, notable, actual

(1) a **substantial** amount of capital, (2) have a **substantial** meal

The pandemic was a **substantial** business opportunity for certain companies.

## extend

v. to broaden in scope, range, or area

*synonym*: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

## functional

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

*synonym*: applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

## presume

v. to suppose or assume something to be true, often without sufficient evidence or proof; to take liberties, behave impolitely, or overstep one's bounds, often due to arrogance or ignorance

*synonym*: assume, suppose, guess

(1) **presume** innocence, (2) **presume** on his tolerance

I **presume** you've already made plans for the weekend since you didn't respond to my invitation.



## burden

*n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

*synonym* : obligation, duty, load

(1) carry a **burden**, (2) **burden** of disease

That car has a low environmental **burden**.

## envision

*v.* to imagine or expect what a situation will be like in the future

*synonym* : anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

## symptom

*n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

*synonym* : sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

## component

*n.* one of several parts that combines with others to form something bigger

*synonym* : element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

## distant

*adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

*synonym* : far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

## far-fetched

*adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe

*synonym* : bizarre, doubtful, unbelievable

(1) **far-fetched** idea, (2) **far-fetched** expressions

Though his plan sounded **far-fetched** at first, he realized it anyway.

## fiction

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

*synonym*: fantasy, fable, invention

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

Truth is stranger than **fiction**.

## transform

*v.* to change in outward structure or looks;

*synonym*: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

## rival

*n.* a person, company, or thing competing with others for the same thing or in the same area

*synonym*: adversary, competitor, contender

(1) **rival** bidder, (2) merge with a **rival** company

He interfered with his **rivals** in various ways during the campaign.

## vaccinate

*v.* to treat with a vaccine, usually by injection, to produce immunity against a disease

*synonym*: immunize, inject, inoculate

(1) **vaccinate** against scarlet fever, (2) **vaccinate** every year

The nurse **vaccinated** the children in the school.

## antibiotic

*n.* a substance or drug that kills or slows down the growth of bacteria

*synonym*: antimicrobial, chemotherapeutic, germicide

(1) **antibiotic** resistance, (2) **antibiotic** allergy

He has been prescribed an **antibiotic** to treat his infection.

## Session 2: Spelling

- |                                   |   |
|-----------------------------------|---|
| 1. evolutionary bi_____y          | <i>n.</i> the scientific study of life and the natural processes of living things   |
| 2. he_____at abnormality          | <i>n.</i> the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force  |
| 3. the ma____w of a speech        | <i>n.</i> a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience     |
| 4. ar____y blockage               | <i>n.</i> one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc. |
| 5. tr_____rm an education system  | <i>v.</i> to change in outward structure or looks;  |
| 6. patient in the pl_____o group  | <i>n.</i> harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug   |
| 7. a sub_____al amount of capital | <i>adj.</i> fairly large in size, value, or importance  |
| 8. w__e in popularity             | <i>v.</i> to decrease in size, strength, or intensity   |
| 9. the crosswise di_____on        | <i>n.</i> a measurable extent of a particular kind, such as width, height, or length  |
| 10. go out of fa_____n            | <i>n.</i> a style that is popular at a particular time or place; the state of being popular   |

ANSWERS: 1. biology, 2. heartbeat, 3. marrow, 4. artery, 5. transform, 6. placebo, 7. substantial, 8. wane, 9. dimension, 10. fashion

11. an accumulative de\_\_\_\_\_t      *n.* the total amount by which money spent is greater than money earned in a particular period of time; the property of being an amount by which something, especially an amount of money, is less than expected or required
12. ca\_\_\_\_\_c disease      *adj.* of or relating to the heart or heart disease
13. dia\_\_\_\_\_ly opposite      *adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical
14. or\_\_\_\_\_id culture      *n.* a laboratory-grown miniature version of a human organ, usually derived from stem cells, that can be used for studying development, diseases, and treatments
15. p\_\_r review      *n.* a person who has the same age, status, or ability
16. con\_\_\_\_\_le proteins      *adj.* having the ability or tendency to contract (= to shorten or become smaller), especially in a muscular or cellular context; capable of reducing in size or volume through a contraction (= shortening or tightening)
17. the lower ch\_\_\_\_\_r      *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
18. im\_\_\_\_\_e the test score      *v.* to make or become better
19. ch\_\_k the ball across the yard      *v.* to throw something carelessly or casually; to get rid of something or someone

ANSWERS: 11. deficit, 12. cardiac, 13. diagonally, 14. organoid, 15. peer, 16. contractile, 17. chamber, 18. improve, 19. chuck

20. ins\_\_\_\_\_ty in currency markets      *n.* the state of being unstable or uncertain and likely to change suddenly
21. fe\_\_\_\_\_ze the soil      *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
22. a me\_\_\_\_\_l opinion      *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
23. irregular heart rh\_\_\_\_m      *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
24. without in\_\_\_\_y      *n.* harm done to a person's or an animal's body caused by an accident or an attack
25. cr\_\_k caller      *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
26. risk of coronary ar\_\_\_\_y disease      *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
27. be\_\_es the impact of the speaker's words      *v.* to contradict or show to be false or untrue; to give a false impression or disguise the true nature of something
28. merge with a ri\_\_l company      *n.* a person, company, or thing competing with others for the same thing or in the same area

ANSWERS: 20. instability, 21. fertilize, 22. medical, 23. rhythm, 24. injury, 25. crank, 26. artery, 27. belie, 28. rival

29. mic\_\_\_\_\_pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
30. c\_\_n society *n.* a group of families united by actual or perceived kinship and descent, especially in Scotland
31. an\_\_\_\_\_s about his health *adj.* worried and nervous
32. consult with a ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
33. a fr\_\_\_\_\_onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
34. re\_\_r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
35. implanted pa\_\_\_\_\_er *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
36. enormous ex\_\_\_\_\_es *n.* the money, time, or effort incurred or required for something
37. con\_\_\_\_\_le fibers *adj.* having the ability or tendency to contract (= to shorten or become smaller), especially in a muscular or cellular context; capable of reducing in size or volume through a contraction (= shortening or tightening)

ANSWERS: 29. microscope, 30. clan, 31. anxious, 32. physician, 33. fraction, 34. refer, 35. pacemaker, 36. expense, 37. contractile

38. a te\_\_\_\_\_ue in martial arts      *n.* a particular way or art of doing something that needs skill
39. not to be seen no\_\_\_\_\_ys      *adv.* at the current time, in comparison to the past
40. or\_\_\_\_\_y manner      *adj.* clean or organized in a neat, careful and logical way
41. pho\_\_\_\_\_ph album      *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
42. pr\_\_\_\_\_t the future      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
43. pe\_\_\_\_\_re through hardships      *v.* to persist in the course of action, despite opposition or difficulty; to continue with determination despite setbacks, obstacles, or discouragement
44. z\_\_m lens      *v.* to move along very quickly; (noun) the act of rising upward into the air
45. trade im\_\_\_\_\_ce      *n.* a situation in which two or more things are not equal or equally treated
46. ant\_\_\_\_\_ic allergy      *n.* a substance or drug that kills or slows down the growth of bacteria
47. ex\_\_\_\_d the warranty      *v.* to broaden in scope, range, or area
48. ap\_\_\_\_\_d the orchestra      *v.* to express approval of someone or something by clapping the hands
49. far\_\_\_\_\_ed idea      *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe

ANSWERS: 38. technique, 39. nowadays, 40. orderly, 41. photograph, 42. predict, 43. persevere, 44. zoom, 45. imbalance, 46. antibiotic, 47. extend, 48. applaud, 49. far-fetched

50. ga\_\_\_e of ducks *n.* a group or flock of wild geese; a gathering of people, particularly when noisy or in disarray
51. have ex\_\_\_\_\_ve vocabulary *adj.* covering a large area; having a wide range
52. en\_\_\_\_\_on the project's success *v.* to imagine or expect what a situation will be like in the future
53. co\_\_\_a outbreak *n.* a crown-shaped structure, often referring to the outermost layer of the Sun's atmosphere; a family of viruses known as coronaviruses; a halo or aura around a celestial body; a circular pattern or shape
54. ex\_\_\_d a line *v.* to broaden in scope, range, or area
55. cerebral inf\_\_\_\_\_on *n.* the obstruction or blockage of blood flow to a specific area or organ, leading to tissue damage or death, commonly used to describe a myocardial infarction (heart attack)
56. gra\_\_\_\_\_ld development *n.* a child of someone's son or daughter
57. tra\_\_\_\_\_nt a heart *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
58. in a coo\_\_\_\_\_ed manner *adj.* effectively arranged or organized so that all the parts work smoothly or systematically together
59. pr\_\_\_e for inside information *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

ANSWERS: 50. gaggle, 51. extensive, 52. envision, 53. corona, 54. extend, 55. infarction, 56. grandchild, 57. transplant, 58. coordinated, 59. probe



60. cr\_\_y about cars and racing      *adj.* stupid or not sensible; very angry
61. pr\_\_\_\_\_le in business      *n.* a fundamental law or truth that explains or controls how something happens or works
62. cr\_\_h coffee beans      *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
63. in\_\_\_\_\_ne wall      *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
64. a light co\_\_\_\_\_il      *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
65. nasal ca\_\_\_\_\_ge      *n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
66. one-to-one cor\_\_\_\_\_nce      *n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
67. ma\_\_\_\_\_ch figure      *n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
68. pr\_\_\_\_\_e innocence      *v.* to suppose or assume something to be true, often without sufficient evidence or proof; to take liberties, behave impolitely, or overstep one's bounds, often due to arrogance or ignorance

ANSWERS: 60. crazy, 61. principle, 62. crush, 63. intestine, 64. cocktail, 65. cartilage, 66. correspondence, 67. matriarch, 68. presume

69. 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
70. tr\_\_\_\_\_rm heat into power      *v.* to change in outward structure or looks;
71. unf\_\_\_\_\_ely caught in a shower      *adv.* by bad luck; unluckily
72. plu\_\_\_\_\_nt embryonic cells      *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications
73. intraspecific com\_\_\_\_\_on      *n.* a situation in which someone is attempting to beat or outperform another
74. s\_\_n a document into PDF      *v.* to examine something hastily, with the eyes or with a machine, to get information
75. sl\_\_\_e length      *n.* a part of a garment that covers all or part of an arm
76. permanent br\_\_n damage      *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
77. 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

ANSWERS: 69. develop, 70. transform, 71. unfortunately, 72. pluripotent, 73. competition, 74. scan, 75. sleeve, 76. brain, 77. develop

78. ve\_\_\_\_\_le in the brain *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
79. political ins\_\_\_\_\_ty *n.* the state of being unstable or uncertain and likely to change suddenly
80. sq\_\_\_\_\_e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
81. dif\_\_\_\_\_ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
82. cho\_\_\_\_\_ll of flavor *adj.* completely filled or crowded with something; having no space or room for additional things
83. degree in ele\_\_\_\_\_al engineering *adj.* relating to electricity
84. tr\_\_e back to medieval times *v.* to find or discover someone or something that was lost
85. blood c\_\_t *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
86. visit to the veterinary cl\_\_\_c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition

ANSWERS: 78. ventricle, 79. instability, 80. squeeze, 81. differentiate, 82. chock-full, 83. electrical, 84. trace, 85. clot, 86. clinic

87. an an\_\_\_\_s look *adj.* worried and nervous
88. he was en\_\_\_\_ly to blame *adv.* completely
89. at\_\_\_\_te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
90. re\_\_r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
91. a s\_\_d coat *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
92. su\_\_\_\_al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
93. spend the weekend with their gr\_\_\_\_ids *n.* the grandchildren of a particular person
94. in\_\_\_\_on needle *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
95. sh\_\_g off the importance *v.* to raise your shoulders and then drop them to say you do not know or are not interested
96. decision-making pr\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 87. anxious, 88. entirely, 89. attribute, 90. refer, 91. seed, 92. survival, 93. grandkid, 94. injection, 95. shrug, 96. process

97. c\_\_x a smile *v.* to persuade, encourage, or gently urge someone to do something; to manipulate or persuade something to work or function properly
98. cl\_\_p of bacteria *n.* a small group of bushes, trees, flowers, people, etc.
99. w\_\_e over time *v.* to decrease in size, strength, or intensity
100. an or\_\_\_\_ry school *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
101. met\_\_\_\_\_sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
102. po\_\_\_r life's meaning *v.* to think deeply or carefully about something
103. pro\_\_\_\_\_on of disease *n.* the act or process of changing to the next stage or phase or moving forward
104. 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
105. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 97. coax, 98. clump, 99. wane, 100. ordinary, 101. metabolism, 102. ponder, 103. progression, 104. disease, 105. process

106. pr\_\_\_\_t when she will arrive      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
107. gu\_\_\_a coins      *n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
108. a wide sl\_\_\_e      *n.* a part of a garment that covers all or part of an arm
109. emb\_\_\_\_\_gy research      *n.* the branch of biology that studies the development of an embryo from the fertilization of the egg cell until birth or hatching
110. ca\_\_\_\_\_ge damage      *n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
111. ind\_\_\_\_\_nce ceremony      *n.* freedom from another's or others' control or influence
112. syn\_\_\_\_\_us communication      *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
113. po\_\_\_\_\_te the countryside      *v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information
114. medical l\_b      *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 106. predict, 107. guinea, 108. sleeve, 109. embryology, 110. cartilage, 111. independence, 112. synchronous, 113. populate, 114. lab

115. carry a s\_\_r *n.* a mark that remains on the skin after a wound has healed
116. exp\_\_\_\_\_tal design *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
117. field of fun\_\_\_\_\_al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
118. acute inf\_\_\_\_\_on *n.* the obstruction or blockage of blood flow to a specific area or organ, leading to tissue damage or death, commonly used to describe a myocardial infarction (heart attack)
119. recover spo\_\_\_\_\_sly after five days *adv.* in a way that is natural, not planned or forced, and often sudden
120. the on\_\_t of spring *n.* the beginning or early stages of unpleasant something; a military attack
121. ma\_\_\_\_\_e species *n.* any of the various short-tailed monkeys found in Asia and Africa, typically living in large groups and known for their intelligence and adaptability
122. sta\_\_\_\_\_cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
123. ma\_\_h east *v.* to walk militarily with stiff, regular steps
124. human emb\_\_\_\_\_gy *n.* the branch of biology that studies the development of an embryo from the fertilization of the egg cell until birth or hatching

ANSWERS: 115. scar, 116. experimental, 117. functional, 118. infarction, 119. spontaneously, 120. onset, 121. macaque, 122. statistics, 123. march, 124. embryology

125. ess\_\_\_\_\_ly correct *adv.* relating to the essential features or concepts of anything
126. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
127. for the me\_\_\_\_\_me *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
128. vi\_\_\_\_\_us exercise *adj.* characterized by energy or intensity; physically strong and healthy; robust and enthusiastic in action or thought
129. a cl\_\_p of trees *n.* a small group of bushes, trees, flowers, people, etc.
130. 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
131. arr\_\_\_\_\_ia treatment *n.* a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting
132. cute gr\_\_\_\_\_ids *n.* the grandchildren of a particular person
133. official sta\_\_\_\_\_cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 125. essentially, 126. essentially, 127. meantime, 128. vigorous, 129. clump, 130. patient, 131. arrhythmia, 132. grandkid, 133. statistics



134. sh\_\_g his shoulders sadly  
*v.* to raise your shoulders and then drop them to say you do not know or are not interested
135. far\_\_\_\_\_ed expressions  
*adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
136. pr\_\_\_\_\_e on his tolerance  
*v.* to suppose or assume something to be true, often without sufficient evidence or proof; to take liberties, behave impolitely, or overstep one's bounds, often due to arrogance or ignorance
137. a pounding he\_\_\_\_\_at  
*n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force
138. my\_\_\_\_\_y novel  
*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
139. temporary me\_\_\_\_\_l treatment  
*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
140. abruptly in\_\_\_\_\_pt  
*v.* to say or do something that causes someone to stop in their speech or action
141. la\_\_\_h a big attack  
*v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 134. shrug, 135. far-fetched, 136. presume, 137. heartbeat, 138. mystery, 139. medical, 140. interrupt, 141. launch

142. main c\_\_x *n.* the most important or fundamental part of a matter or situation; the key point or central issue
143. di\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
144. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
145. enter on the last ph\_\_e *n.* any stage in a series of events, change, or development
146. key co\_\_\_\_\_nt *n.* one of several parts that combines with others to form something bigger
147. p\_\_r group *n.* a person who has the same age, status, or ability
148. sp\_\_\_e a gene *v.* to join or connect two or more pieces or lengths of something, especially by twisting or interweaving them; to get married
149. the te\_\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
150. or\_\_\_\_\_id research *n.* a laboratory-grown miniature version of a human organ, usually derived from stem cells, that can be used for studying development, diseases, and treatments
151. long dr\_\_\_\_\_ay *n.* a private road leading from a street or road to a house or garage, typically providing access for vehicles
152. h\_\_l a broken bone *v.* to make a wound or injury to become well again

ANSWERS: 142. crux, 143. divide, 144. biology, 145. phase, 146. component, 147. peer, 148. splice, 149. technique, 150. organoid, 151. driveway, 152. heal

153. c\_\_t prevention *n.* a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force
154. co\_\_\_\_st with a decade ago *v.* to put in opposition to show or emphasize differences
155. a fl\_\_h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
156. im\_\_\_\_e a process *v.* to make or become better
157. be\_\_e his expectations *v.* to contradict or show to be false or untrue; to give a false impression or disguise the true nature of something
158. an une\_\_\_\_ed visitor *adj.* not anticipated or regarded as likely to happen
159. burn s\_\_r *n.* a mark that remains on the skin after a wound has healed
160. re\_\_\_\_r a loss *v.* to return to a former condition, health, mind, or strength
161. pro\_\_\_\_ve development *adj.* relating to or supporting development or advancement, especially social or political one
162. the first round of the com\_\_\_\_on *n.* a situation in which someone is attempting to beat or outperform another
163. gr\_\_h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 153. clot, 154. contrast, 155. flash, 156. improve, 157. belie, 158. unexpected, 159. scar, 160. recover, 161. progressive, 162. competition, 163. graph

164. tw\_\_\_h of an eye      *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
165. co\_\_\_a layer      *n.* a crown-shaped structure, often referring to the outermost layer of the Sun's atmosphere; a family of viruses known as coronaviruses; a halo or aura around a celestial body; a circular pattern or shape
166. get pl\_\_\_p      *adj.* rounded and full, especially in a pleasing way; pleasantly fat
167. a cr\_\_\_y scheme      *adj.* stupid or not sensible; very angry
168. pho\_\_\_\_\_ph memories      *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
169. ga\_\_\_e of tourists      *n.* a group or flock of wild geese; a gathering of people, particularly when noisy or in disarray
170. a lunar pr\_\_\_e      *n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something
171. dif\_\_\_\_\_ate a function      *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

ANSWERS: 164. twitch, 165. corona, 166. plump, 167. crazy, 168. photograph, 169. gaggle, 170. probe, 171. differentiate

172. pre-ado\_\_\_\_\_nt children *n.* a young person who is in the process of developing from a child into an adult
173. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
174. ab\_\_\_\_\_d from home *v.* to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences
175. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
176. la\_\_\_\_h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
177. at\_\_\_\_\_te directly to sales *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
178. in\_\_\_\_\_pt a call *v.* to say or do something that causes someone to stop in their speech or action
179. ir\_\_\_\_\_ar verbs *adj.* not having an even or balanced shape or arrangement; contrary to the usual rule, accepted order, or what is expected
180. electron mic\_\_\_\_\_pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

ANSWERS: 172. adolescent, 173. lab, 174. abscond, 175. environment, 176. launch, 177. attribute, 178. interrupt, 179. irregular, 180. microscope

181. spineless je\_\_\_\_\_sh *n.* a marine creature with a soft, jelly-like body and tentacles for stinging
182. ab\_\_\_\_\_d with money *v.* to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences
183. di\_\_\_\_e money equally *v.* to separate or cause to separate into parts or groups
184. chronic ki\_\_\_\_y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
185. ex\_\_\_\_\_e account *n.* the money, time, or effort incurred or required for something
186. ej\_\_t huge amounts of pollutant *v.* to force someone to put out or leave a particular place or position
187. a gr\_\_h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
188. financial ind\_\_\_\_\_nce *n.* freedom from another's or others' control or influence
189. stuff of science fi\_\_\_\_\_n *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
190. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
191. an ele\_\_\_\_\_al storm *adj.* relating to electricity

ANSWERS: 181. jellyfish, 182. abscond, 183. divide, 184. kidney, 185. expense, 186. eject, 187. graph, 188. independence, 189. fiction, 190. progression, 191. electrical

192. a numerator in a fr\_\_\_\_on      *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
193. irrigation with sa\_\_\_\_e      *adj.* containing salt; of or relating to chemical salts
194. in st\_\_\_\_e condition      *adj.* firm and steady; not easily moved, disturbed, or changed
195. tw\_\_\_\_h at his sleeve      *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
196. re\_\_\_\_r approval ratings      *v.* to return to a former condition, health, mind, or strength
197. em\_\_\_\_ic stem cells      *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
198. va\_\_\_\_te every year      *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
199. the qu\_\_t for truth      *n.* a long or challenging search for something
200. va\_\_\_\_te against scarlet fever      *v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
201. vi\_\_\_\_us debate      *adj.* characterized by energy or intensity; physically strong and healthy; robust and enthusiastic in action or thought
202. in\_\_\_\_e a lot of paperwork      *v.* to include or affect someone or something as a necessary part of something else

ANSWERS: 192. fraction, 193. saline, 194. stable, 195. twitch, 196. recover, 197. embryonic, 198. vaccinate, 199. quest, 200. vaccinate, 201. vigorous, 202. involve

203. a fatal in\_\_\_y *n.* harm done to a person's or an animal's body caused by an accident or an attack
204. ant\_\_\_\_\_ic resistance *n.* a substance or drug that kills or slows down the growth of bacteria
205. tra\_\_\_\_\_nt my family to America *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
206. work in lo\_\_\_\_\_ep *n.* a way of walking in which people's strides are perfectly synchronized; rigid conformity to a particular plan or set of actions
207. car\_\_\_\_\_lar tissue *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
208. z\_\_m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
209. mic\_\_\_\_\_ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
210. ma\_\_\_\_\_e monkey *n.* any of the various short-tailed monkeys found in Asia and Africa, typically living in large groups and known for their intelligence and adaptability
211. po\_\_\_r divine matters *v.* to think deeply or carefully about something
212. this shift occurs spo\_\_\_\_\_sly *adv.* in a way that is natural, not planned or forced, and often sudden

ANSWERS: 203. injury, 204. antibiotic, 205. transplant, 206. lockstep, 207. cardiovascular, 208. zoom, 209. microscopic, 210. macaque, 211. ponder, 212. spontaneously



213. ruled by a ma\_\_\_\_\_ch *n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
214. sp\_\_\_e the old and new sections *v.* to join or connect two or more pieces or lengths of something, especially by twisting or interweaving them; to get married
215. ri\_\_l bidder *n.* a person, company, or thing competing with others for the same thing or in the same area
216. reg\_\_\_\_\_ive therapy *adj.* tending to regrow or restore lost or injured tissue
217. neurotic sy\_\_\_\_\_ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
218. federal budget de\_\_\_\_\_t *n.* the total amount by which money spent is greater than money earned in a particular period of time; the property of being an amount by which something, especially an amount of money, is less than expected or required
219. cut dia\_\_\_\_\_ly *adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical
220. the c\_\_x of the argument *n.* the most important or fundamental part of a matter or situation; the key point or central issue
221. status q\_o politician *n.* the existing state or condition of something, especially in relation to a particular situation or issue

ANSWERS: 213. matriarch, 214. splice, 215. rival, 216. regenerative, 217. symptom, 218. deficit, 219. diagonally, 220. crux, 221. quo

222. plu\_\_\_\_\_nt gene expression *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications
223. ej\_\_t a player from a game *v.* to force someone to put out or leave a particular place or position
224. cr\_\_k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
225. new di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
226. pa\_\_\_\_\_er battery *n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others
227. new fa\_\_\_\_\_n trends *n.* a style that is popular at a particular time or place; the state of being popular
228. bypass ro\_\_\_\_\_ck *n.* a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective
229. q\_o warranto *n.* the existing state or condition of something, especially in relation to a particular situation or issue
230. pro\_\_\_\_\_ve taxation *adj.* relating to or supporting development or advancement, especially social or political one

ANSWERS: 222. pluripotent, 223. eject, 224. crank, 225. dimension, 226. pacemaker, 227. fashion, 228. roadblock, 229. quo, 230. progressive

231. un\_\_\_\_\_ed from the previous month    *adj.* not altered, modified, or varied in any way
232. ado\_\_\_\_\_nt girl    *n.* a young person who is in the process of developing from a child into an adult
233. brilliant fl\_\_h    *n.* a sudden intense burst of radiant energy; a momentary brightness
234. anti-gr\_\_t law    *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
235. ir\_\_\_\_\_ar periods    *adj.* not having an even or balanced shape or arrangement; contrary to the usual rule, accepted order, or what is expected
236. or\_\_\_\_\_y and fair market    *adj.* clean or organized in a neat, careful and logical way
237. gr\_\_t surgery    *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
238. ge\_\_\_e analyses    *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
239. exp\_\_\_\_\_nt design    *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 231. unchanged, 232. adolescent, 233. flash, 234. graft, 235. irregular, 236. orderly, 237. graft, 238. genome, 239. experiment

240. non-fi\_\_\_\_\_n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
241. legal pa\_\_\_\_\_ce *n.* the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group
242. syn\_\_\_\_\_us learning *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
243. bio\_\_\_\_\_al reaction *adj.* relating to the chemical processes and substances that occur within living organisms
244. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
245. sy\_\_\_\_\_ms of low testosterone *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
246. an artificial ki\_\_\_\_y *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
247. exp\_\_\_\_\_tal data *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
248. vegetable ma\_\_\_\_w *n.* a soft, fatty, vascular substance in the cavities of bones, in which blood cells are produced; the choicest or most essential part of some idea or experience

ANSWERS: 240. fiction, 241. parlance, 242. synchronous, 243. biochemical, 244. exciting, 245. symptom, 246. kidney, 247. experimental, 248. marrow

249. prima do\_\_a personality *n.* (also used as "prima donna") a title of respect given in Italy to a woman of rank or nobility; a woman of distinction or importance
250. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
251. large in\_\_\_\_\_ne *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
252. the s\_\_m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
253. in\_\_\_\_\_e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
254. 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
255. re\_\_p key points *v.* to repeat or summarize what has been said, decided, etc.
256. have a sub\_\_\_\_\_al meal *adj.* fairly large in size, value, or importance
257. fun\_\_\_\_\_al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 249. donna, 250. tissue, 251. intestine, 252. stem, 253. involve, 254. disease, 255. recap, 256. substantial, 257. functional

258. mic\_\_\_\_\_ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
259. r\_\_n in costs *n.* a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control
260. heart arr\_\_\_\_\_ia *n.* a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting
261. some une\_\_\_\_\_ed events *adj.* not anticipated or regarded as likely to happen
262. sq\_\_\_\_\_e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
263. young people no\_\_\_\_\_ys *adv.* at the current time, in comparison to the past
264. gu\_\_\_a pig *n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

ANSWERS: 258. microscopic, 259. rein, 260. arrhythmia, 261. unexpected, 262. squeeze, 263. nowadays, 264. guinea

265. spare co\_\_\_\_\_nts for cars *n.* one of several parts that combines with others to form something bigger
266. ca\_\_\_\_\_c arrest *adj.* of or relating to the heart or heart disease
267. h\_\_l the hurt mind *v.* to make a wound or injury to become well again
268. biological ro\_\_\_\_\_ck *n.* a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective
269. even more unf\_\_\_\_\_ely *adv.* by bad luck; unluckily
270. a business cor\_\_\_\_\_nce *n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
271. bu\_\_\_n of disease *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
272. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
273. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
274. ex\_\_\_\_\_ve experience *adj.* covering a large area; having a wide range
275. co\_\_\_\_\_st two things *v.* to put in opposition to show or emphasize differences

ANSWERS: 265. component, 266. cardiac, 267. heal, 268. roadblock, 269. unfortunately, 270. correspondence, 271. burden, 272. remarkable, 273. principle, 274. extensive, 275. contrast

276. c\_\_x a confession v. to persuade, encourage, or gently urge someone to do something; to manipulate or persuade something to work or function properly
277. ap\_\_\_\_d his courage v. to express approval of someone or something by clapping the hands
278. fe\_\_\_\_\_ze the female egg v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
279. unsolved my\_\_\_\_y n. something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
280. e\_\_t a video v. to prepare written material for publication by correcting, condensing, or otherwise modifying it
281. ele\_\_\_\_\_ram technician n. a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity
282. s\_\_n the face of the man v. to examine something hastily, with the eyes or with a machine, to get information
283. tr\_\_e a telephone call v. to find or discover someone or something that was lost

ANSWERS: 276. coax, 277. applaud, 278. fertilize, 279. mystery, 280. edit, 281. electrocardiogram, 282. scan, 283. trace



284. sequencing of the human ge\_\_\_e      *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
285. en\_\_\_\_\_ly satisfied with the meal      *adv.* completely
286. symptoms of hormonal im\_\_\_\_\_ce      *n.* a situation in which two or more things are not equal or equally treated
287. tribal c\_\_n      *n.* a group of families united by actual or perceived kinship and descent, especially in Scotland
288. cho\_\_\_\_\_ll schedule      *adj.* completely filled or crowded with something; having no space or room for additional things
289. immune fu\_\_\_\_\_on      *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
290. pe\_\_\_\_\_re in my goals      *v.* to persist in the course of action, despite opposition or difficulty; to continue with determination despite setbacks, obstacles, or discouragement
291. sewing ne\_\_\_e      *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

ANSWERS: 284. genome, 285. entirely, 286. imbalance, 287. clan, 288. chock-full, 289. function, 290. persevere, 291. needle

292. in samba rh\_\_\_m *n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
293. di\_\_\_\_\_t ancestors *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
294. prima do\_\_a attitude *n.* (also used as "prima donna") a title of respect given in Italy to a woman of rank or nobility; a woman of distinction or importance
295. ex\_\_\_\_\_ng news *adj.* causing a lot of interest or excitement
296. sl\_\_e a glance *v.* to move or cause to move smoothly along a surface without interruption
297. sl\_\_e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
298. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
299. common pa\_\_\_\_\_ce *n.* the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group
300. with a re\_\_\_\_\_ed voice *adj.* having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances
301. coo\_\_\_\_\_ed robot system *adj.* effectively arranged or organized so that all the parts work smoothly or systematically together

ANSWERS: 292. rhythm, 293. distant, 294. donna, 295. exciting, 296. slide, 297. slide, 298. brain, 299. parlance, 300. resigned, 301. coordinated

302. follow the rules in lo\_\_\_\_ep      *n.* a way of walking in which people's strides are perfectly synchronized; rigid conformity to a particular plan or set of actions
303. abnormal ele\_\_\_\_\_ram      *n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity
304. re\_\_p briefly      *v.* to repeat or summarize what has been said, decided, etc.
305. carry a bu\_\_\_\_n      *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
306. myo\_\_\_\_\_al infarction      *adj.* relating to the muscular tissue of the heart
307. em\_\_\_\_\_ic development      *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
308. snow-covered dr\_\_\_\_ay      *n.* a private road leading from a street or road to a house or garage, typically providing access for vehicles
309. two-ph\_\_e structure      *n.* any stage in a series of events, change, or development
310. 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

ANSWERS: 302. lockstep, 303. electrocardiogram, 304. recap, 305. burden, 306. myocardial, 307. embryonic, 308. driveway, 309. phase, 310. patient

311. a di\_\_\_\_t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
312. reg\_\_\_\_ive medicine *adj.* tending to regrow or restore lost or injured tissue
313. cr\_\_h a revolt *v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
314. car\_\_\_\_\_lar diseases *adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)
315. myo\_\_\_\_al fibrosis *adj.* relating to the muscular tissue of the heart
316. a dental cl\_\_\_\_c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
317. on a qu\_\_t for happiness *n.* a long or challenging search for something
318. left ve\_\_\_\_\_le *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
319. fu\_\_\_\_on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 311. distant, 312. regenerative, 313. crush, 314. cardiovascular, 315. myocardial, 316. clinic, 317. quest, 318. ventricle, 319. function

320. je\_\_\_\_\_sh sting *n.* a marine creature with a soft, jelly-like body and tentacles for stinging
321. complex bio\_\_\_\_\_al *adj.* relating to the chemical processes and substances that occur within living organisms
322. pl\_\_\_\_\_o therapy *n.* harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug
323. su\_\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
324. s\_\_m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
325. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
326. en\_\_\_\_\_on the future *v.* to imagine or expect what a situation will be like in the future
327. gra\_\_\_\_\_ld-grandparent relationship *n.* a child of someone's son or daughter
328. or\_\_\_\_\_ry annual revenue *adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
329. co\_\_\_\_\_il of chemicals *n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal
330. ne\_\_\_e prick *n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

ANSWERS: 320. jellyfish, 321. biochemical, 322. placebo, 323. survive, 324. stem, 325. medicinal, 326. envision, 327. grandchild, 328. ordinary, 329. cocktail, 330. needle

331. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
332. sh\_\_\_\_\_ss liar *adj.* without shame or embarrassment; showing no remorse or guilt for one's actions or behaviors
333. at the first on\_\_t *n.* the beginning or early stages of unpleasant something; a military attack
334. po\_\_\_\_\_te the spreadsheet *v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information
335. pl\_\_p little pig *adj.* rounded and full, especially in a pleasing way; pleasantly fat
336. ch\_\_k my job *v.* to throw something carelessly or casually; to get rid of something or someone
337. hemoglobin met\_\_\_\_\_sm *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
338. the rem\_\_\_\_\_le breadth of knowledge *adj.* worthy of attention because unusual or special
339. a gas ch\_\_\_\_\_r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
340. sh\_\_\_\_\_ss behavior *adj.* without shame or embarrassment; showing no remorse or guilt for one's actions or behaviors

ANSWERS: 331. environment, 332. shameless, 333. onset, 334. populate, 335. plump, 336. chuck, 337. metabolism, 338. remarkable, 339. chamber, 340. shameless

341. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
342. loss of muscle ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
343. the advice of the ph\_\_\_\_\_an *n.* a medical doctor who practices medicine
344. a mild degree of mental def\_\_\_\_\_cy *n.* the state of lack, or not having enough of, something that is essential
345. 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
346. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
347. me\_\_\_\_\_me report *n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
348. a sa\_\_\_e lake *adj.* containing salt; of or relating to chemical salts
349. tight r\_\_n *n.* a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control

ANSWERS: 341. medicinal, 342. tissue, 343. physician, 344. deficiency, 345. cellular, 346. experiment, 347. meantime, 348. saline, 349. rein

350. un\_\_\_\_\_ed routine *adj.* not altered, modified, or varied in any way
351. s\_\_d money *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
352. su\_\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
353. su\_\_\_\_\_al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
354. have a st\_\_\_e job *adj.* firm and steady; not easily moved, disturbed, or changed
355. e\_\_t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
356. fuel in\_\_\_\_\_on *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
357. re\_\_\_\_\_ed to their fate *adj.* having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances
358. ma\_\_h against the war *v.* to walk militarily with stiff, regular steps
359. a def\_\_\_\_\_cy of copper and zinc *n.* the state of lack, or not having enough of, something that is essential
360. 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

ANSWERS: 350. unchanged, 351. seed, 352. survive, 353. survival, 354. stable, 355. edit, 356. injection, 357. resigned, 358. march, 359. deficiency, 360. cellular



ANSWERS:

## Session 3: Fill in the Blanks

1. The new driver struggled to keep a firm grip on the \_\_\_\_\_ as the horse bolted.  
*n.* a long, narrow strap attached to a horse's bit, used to control the animal while riding; a means of controlling or limiting something or someone's actions and behavior; (verb) to control or restrain something, especially something that is becoming excessive or out of control
2. In medical \_\_\_\_\_ a heart attack is a myocardial infarction.  
*n.* the way in which a particular group or community uses language; the specific terms, expressions, and jargon used by people in a particular field, profession, or social group
3. \_\_\_\_\_ research is essential to understanding the complex chemical reactions in living organisms.  
*adj.* relating to the chemical processes and substances that occur within living organisms
4. Even after the wound has healed, a \_\_\_\_\_ remains.  
*n.* a mark that remains on the skin after a wound has healed
5. The development of \_\_\_\_\_ has opened up new avenues for research into the early stages of fetal development  
*n.* a laboratory-grown miniature version of a human organ, usually derived from stem cells, that can be used for studying development, diseases, and treatments
6. The surgeon removed the healthy \_\_\_\_\_ from the donor.  
*n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

ANSWERS: 1. rein, 2. parlance, 3. Biochemical, 4. scar, 5. organoids, 6. kidney

7. That car has a low environmental \_\_\_\_\_.
- n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
8. The results of the two experiments were in \_\_\_\_\_.
- n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
9. She is still \_\_\_\_\_ from a shot to her shoulder.
- v.* to return to a former condition, health, mind, or strength
10. The \_\_\_\_\_ properties of stem cells make them a promising area of research.
- adj.* tending to regrow or restore lost or injured tissue
11. The rain and thunder are \_\_\_\_\_ today.
- adj.* stupid or not sensible; very angry
12. She couldn't stop her leg from \_\_\_\_\_ nervously.
- v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
13. He evaluated his chances for \_\_\_\_\_ rather pessimistically.
- n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
14. Time is critical when treating a myocardial \_\_\_\_\_.
- n.* the obstruction or blockage of blood flow to a specific area or organ, leading to tissue damage or death, commonly used to describe a myocardial infarction (heart attack)

ANSWERS: 7. burden, 8. correspondence, 9. recovering, 10. regenerative, 11. crazy, 12. twitching, 13. survival, 14. infarction

15. The incident attracted \_\_\_\_\_ media coverage throughout the world.  
*adj.* covering a large area; having a wide range
16. These heavy rains caused \_\_\_\_\_ floods on several islands.  
*n.* a sudden intense burst of radiant energy; a momentary brightness
17. Can you \_\_\_\_\_ 123321 by eleven?  
*v.* to separate or cause to separate into parts or groups
18. For this project to be successful, we must control \_\_\_\_\_ strictly.  
*n.* the money, time, or effort incurred or required for something
19. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.  
*n.* the complete set or sequence of genes of a human, animal, plant, or other living things
20. She sat quietly, \_\_\_\_\_ the difficult decision.  
*v.* to think deeply or carefully about something
21. Relations between the two countries have been relatively \_\_\_\_\_ due to the summit meeting.  
*adj.* firm and steady; not easily moved, disturbed, or changed
22. The patient's skin \_\_\_\_\_ procedure was successful, and he was released from the hospital.  
*n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

ANSWERS: 15. extensive, 16. flash, 17. divide, 18. expenses, 19. genome, 20. pondering, 21. stable, 22. graft

23. She stood on the podium and \_\_\_\_\_ an audience.

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

24. NASA sent a \_\_\_\_\_ to study the atmosphere of Jupiter.

*n.* a tool used for testing or examining, especially for medical or scientific purposes, or an exploratory mission to a planet or other celestial body; (verb) to investigate, examine, or search into something

25. That adventurer traveled in \_\_\_\_\_ of buried treasure.

*n.* a long or challenging search for something

26. The company is set to \_\_\_\_\_ its new product line next month.

*v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

27. The baker added butter to the dough to make the rolls \_\_\_\_\_ and soft.

*adj.* rounded and full, especially in a pleasing way; pleasantly fat

28. The brain is an incredibly complex organ that controls the body's \_\_\_\_\_.

*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

29. Though his plan sounded \_\_\_\_\_ at first, he realized it anyway.

*adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe

ANSWERS: 23. scanned, 24. probe, 25. quest, 26. launch, 27. plump, 28. function, 29. far-fetched

30. 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
31. \_\_\_\_\_ a society is an organism.
- adv.* relating to the essential features or concepts of anything
32. 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
33. It's notoriously challenging to \_\_\_\_\_ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
34. The \_\_\_\_\_ of the family was known for her wisdom and guidance.
- n.* a woman who is the head of a family or social group; a woman who is the founder or dominant member of a group
35. Jockey's superior \_\_\_\_\_ brought him victory.
- n.* a particular way or art of doing something that needs skill
36. I will \_\_\_\_\_ these old shoes in the trash and buy a new pair.
- v.* to throw something carelessly or casually; to get rid of something or someone
37. X-rays revealed a small tumor in his \_\_\_\_\_.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 30. patient's, 31. Essentially, 32. disease, 33. predict, 34. matriarch, 35. technique, 36. chuck, 37. brain

38. Continuous consumption of fatty foods leads to the hardening of the \_\_\_\_\_.
- n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
39. It will take time for her mental scars to \_\_\_\_\_.
- v.* to make a wound or injury to become well again
40. The \_\_\_\_\_ surrounding the disappearance of the traveler has yet to be solved by authorities.
- n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
41. The fragrance of this material \_\_\_\_\_ over weeks to months.
- v.* to decrease in size, strength, or intensity
42. The company's policy remained \_\_\_\_\_ despite the criticism.
- adj.* not altered, modified, or varied in any way
43. Global \_\_\_\_\_ is rising in virtually every industry.
- n.* a situation in which someone is attempting to beat or outperform another
44. She holds a \_\_\_\_\_ on Tuesday mornings.
- n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
45. The acupuncturist inserted \_\_\_\_\_ into specific points on my body to alleviate my pain.
- n.* a thin, pointed object typically used for sewing or medical purposes; a metal or plastic instrument used for administering injections or drawing blood

ANSWERS: 38. artery, 39. heal, 40. mystery, 41. wanes, 42. unchanged, 43. competition, 44. clinic, 45. needles

46. The project is still in its \_\_\_\_\_ stage.

*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

47. He rolled up his \_\_\_\_\_ to get ready to work.

*n.* a part of a garment that covers all or part of an arm

48. She tried to \_\_\_\_\_ her cat out of the tree with a can of tuna.

*v.* to persuade, encourage, or gently urge someone to do something; to manipulate or persuade something to work or function properly

49. \_\_\_\_\_ stem cells can differentiate into any cell in the body.

*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

50. The \_\_\_\_\_ virus has caused a global pandemic.

*n.* a crown-shaped structure, often referring to the outermost layer of the Sun's atmosphere; a family of viruses known as coronaviruses; a halo or aura around a celestial body; a circular pattern or shape

51. Even when faced with challenges, it's important to \_\_\_\_\_ and never give up.

*v.* to persist in the course of action, despite opposition or difficulty; to continue with determination despite setbacks, obstacles, or discouragement

52. 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

ANSWERS: 46. embryonic, 47. sleeves, 48. coax, 49. Pluripotent, 50. corona, 51. persevere, 52. involves



53. The \_\_\_\_\_ of the matter was that the company was not financially stable.  
*n.* the most important or fundamental part of a matter or situation; the key point or central issue
54. The \_\_\_\_\_ session of the Diet opened.  
*adj.* not different, exceptional, or unexpected in any way, especially in quality, ability, size, or degree
55. The pandemic was a \_\_\_\_\_ business opportunity for certain companies.  
*adj.* fairly large in size, value, or importance
56. She \_\_\_\_\_ the toothpaste tube from the middle to get the last bit out.  
*v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
57. He spent only a \_\_\_\_\_ of his earnings.  
*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
58. These birds can only \_\_\_\_\_ in temperate climates.  
*v.* to live or exist despite a dangerous event or period
59. We cannot \_\_\_\_\_ her as President.  
*v.* to imagine or expect what a situation will be like in the future
60. The troops \_\_\_\_\_ shoulder-to-shoulder.  
*v.* to walk militarily with stiff, regular steps
61. Timely education about birth control might help reduce \_\_\_\_\_ pregnancies.  
*n.* a young person who is in the process of developing from a child into an adult

ANSWERS: 53. crux, 54. ordinary, 55. substantial, 56. squeezed, 57. fraction, 58. survive, 59. envision, 60. marched, 61. adolescent

62. The mobile phone was still \_\_\_\_\_ even after being dropped.  
*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
63. There is nothing more valuable than \_\_\_\_\_ and freedom.  
*n.* freedom from another's or others' control or influence
64. She was so proud of her \_\_\_\_\_ who were all doing well in school and had great personalities.  
*n.* the grandchildren of a particular person
65. The product is still in the \_\_\_\_\_ stage.  
*adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
66. The cost of the antique vase is three \_\_\_\_\_.  
*n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
67. The knee joint is supported by \_\_\_\_\_ which helps absorb shock and prevent bone damage.  
*n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
68. I heard the \_\_\_\_\_ of his boots in the hallway.  
*n.* a small group of bushes, trees, flowers, people, etc.
69. The researchers try to discover a common \_\_\_\_\_ in all types of successful organizations.  
*n.* one of several parts that combines with others to form something bigger

ANSWERS: 62. functional, 63. independence, 64. grandkids, 65. experimental, 66. guineas, 67. cartilage, 68. clump, 69. component

70. Inspectors noticed \_\_\_\_\_ cracks in the submarine's hull.

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

71. He cast \_\_\_\_\_ glances behind her.

*adj.* worried and nervous

72. Our immune system can \_\_\_\_\_ disease germs from the body.

*v.* to force someone to put out or leave a particular place or position

73. A \_\_\_\_\_ of geese took off from the pond and flew overhead.

*n.* a group or flock of wild geese; a gathering of people, particularly when noisy or in disarray

74. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

75. A rose has thorns on its \_\_\_\_\_.

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

76. The small \_\_\_\_\_ is responsible for absorbing most of the nutrients from food.

*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

77. He planted the \_\_\_\_\_ in the soil and waited for it to sprout.

*n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

ANSWERS: 70. microscopic, 71. anxious, 72. eject, 73. gaggle, 74. fertilize, 75. stem, 76. intestine, 77. seed

78. The advancement of \_\_\_\_\_ provides us with a better understanding of genetics and human reproduction.
- n.* the branch of biology that studies the development of an embryo from the fertilization of the egg cell until birth or hatching
79. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
80. Truth is stranger than \_\_\_\_\_.
- n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
81. In the \_\_\_\_\_ while we wait for the results, let's start working on the next project.
- n.* the interval or period of time between two events; the interim or temporary time period between two actions or stages of something else
82. This \_\_\_\_\_ saved people from a world full of violence.
- n.* a group of families united by actual or perceived kinship and descent, especially in Scotland
83. I found an old \_\_\_\_\_ of my grandparents from their wedding day.
- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
84. He interfered with his \_\_\_\_\_ in various ways during the campaign.
- n.* a person, company, or thing competing with others for the same thing or in the same area

ANSWERS: 78. embryology, 79. process, 80. fiction, 81. meantime, 82. clan, 83. photograph, 84. rivals

85. I \_\_\_\_\_ you've already made plans for the weekend since you didn't respond to my invitation.
- v. to suppose or assume something to be true, often without sufficient evidence or proof; to take liberties, behave impolitely, or overstep one's bounds, often due to arrogance or ignorance
86. The era of the industrial revolution was a crucial \_\_\_\_\_ of history.
- n. any stage in a series of events, change, or development
87. We want to \_\_\_\_\_ ties between our two countries.
- v. to make or become better
88. The accident caused a \_\_\_\_\_ on the highway, causing traffic to come to a standstill.
- n. a physical barrier or obstacle that prevents progress or movement; a situation that impedes progress or creates difficulty in achieving a goal or objective
89. This medicine works best when taken at the \_\_\_\_\_ of a cold.
- n. the beginning or early stages of unpleasant something; a military attack
90. The fishing reel had a \_\_\_\_\_ that made it easy to reel in the catch.
- n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
91. The grandparents take care of their \_\_\_\_\_ while the parents are at work.
- n. a child of someone's son or daughter
92. Please \_\_\_\_\_ to the instruction manual for further assistance.
- v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

ANSWERS: 85. presume, 86. phase, 87. improve, 88. roadblock, 89. onset, 90. crank, 91. grandchild, 92. refer

93. The heart's \_\_\_\_\_ are responsible for pumping blood out to the body.
- n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
94. Lack of sleep and overwork often lead to emotional \_\_\_\_\_.
- n.* the state of being unstable or uncertain and likely to change suddenly
95. If necessary, you can \_\_\_\_\_ the front seats forward.
- v.* to move or cause to move smoothly along a surface without interruption
96. 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
97. Every human is responsible for taking care of the Earth's \_\_\_\_\_.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
98. He beat out a jazz \_\_\_\_\_ on the cajones.
- n.* a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
99. Better sleep leads to increased \_\_\_\_\_.
- n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
100. My father's death \_\_\_\_\_ my life completely.
- v.* to change in outward structure or looks;
101. The teacher asked the students to \_\_\_\_\_ between the two similar species of birds.
- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

ANSWERS: 93. ventricles, 94. instability, 95. slide, 96. progression, 97. environment, 98. rhythm, 99. metabolism, 100. transformed, 101. differentiate

102. The hospital invested in state-of-the-art \_\_\_\_\_ machines to improve patient care.
- n.* a test that uses electrodes placed on the chest, arms, and legs to record the electrical signals of the heart and create a graph that shows the heart's rhythm and activity
103. He acted in a \_\_\_\_\_ way, not caring that his actions hurt others.
- adj.* without shame or embarrassment; showing no remorse or guilt for one's actions or behaviors
104. The drug is dissolved in a \_\_\_\_\_ solution.
- adj.* containing salt; of or relating to chemical salts
105. My accidental \_\_\_\_\_ got better right away.
- n.* harm done to a person's or an animal's body caused by an accident or an attack
106. The car was completely \_\_\_\_\_ in the accident.
- v.* to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller
107. He \_\_\_\_\_ the disappointing results to the economic downturn.
- v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
108. It's intriguing to compare and \_\_\_\_\_ the two authors.
- v.* to put in opposition to show or emphasize differences
109. The surgeon made an incision in the \_\_\_\_\_ of the patient's heart.
- n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 102. electrocardiogram, 103. shameless, 104. saline, 105. injury, 106. crushed, 107. attributes, 108. contrast, 109. chambers

110. Deer, squirrels, and birds primarily \_\_\_\_\_ the forest.

- v. to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information

111. He tried to \_\_\_\_\_ the seedling into a larger pot.

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

112. I enthusiastically \_\_\_\_\_ my rival's achievement.

- v. to express approval of someone or something by clapping the hands

113. The election was a \_\_\_\_\_ success for the Whigs.

- adj. worthy of attention because unusual or special

114. The patient was diagnosed with an \_\_\_\_\_ causing irregular heartbeats.

- n. a medical condition in which the heartbeat is irregular, too slow, or too fast, which can cause the heart to pump blood less effectively and lead to a variety of symptoms such as palpitations, fatigue, shortness of breath, chest pain, or even fainting

115. She had a \_\_\_\_\_ look on her face when she realized that she had lost the race.

- adj. having accepted something unpleasant or difficult, particularly a job or situation, without complaint or resistance; accepting one's fate or circumstances

116. Let me quickly \_\_\_\_\_ these results.

- v. to repeat or summarize what has been said, decided, etc.

ANSWERS: 110. populate, 111. transplant, 112. applaud, 113. remarkable, 114. arrhythmia, 115. resigned, 116. recap



117. An \_\_\_\_\_ in certain substances causes problems with brain function.

*n.* a situation in which two or more things are not equal or equally treated

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

*adj.* relating to electricity

119. I need to \_\_\_\_\_ these two wires together to complete the circuit.

*v.* to join or connect two or more pieces or lengths of something, especially by twisting or interweaving them; to get married

120. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.

*n.* a fundamental law or truth that explains or controls how something happens or works

121. He \_\_\_\_\_ back in time to the soccer game.

*v.* to move along very quickly; (noun) the act of rising upward into the air

122. The suspect \_\_\_\_\_ from the police station before they could be arrested.

*v.* to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences

123. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.

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

124. Among young people, \_\_\_\_\_ pressure can be pretty influential.

*n.* a person who has the same age, status, or ability

125. The \_\_\_\_\_ in the blood vessel required immediate medical attention.

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

ANSWERS: 117. imbalance, 118. electrical, 119. splice, 120. principle, 121. zoomed, 122. absconded, 123. lab, 124. peer, 125. clot

126. 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

127. I respect her ability to \_\_\_\_\_ off harsh criticism.

*v.* to raise your shoulders and then drop them to say you do not know or are not interested

128. That style is no longer in \_\_\_\_\_.

*n.* a style that is popular at a particular time or place; the state of being popular

129. Let's \_\_\_\_\_ the origins of some familiar foreign words.

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

130. I accidentally backed into my wife's car while backing out of the \_\_\_\_\_ this morning.

*n.* a private road leading from a street or road to a house or garage, typically providing access for vehicles

131. Smoking places you at severe risk of \_\_\_\_\_ and respiratory disease.

*adj.* of or relating to the heart and blood vessels (= tubes that carry blood around the body)

132. For greater efficiency, our efforts must be better \_\_\_\_\_.

*adj.* effectively arranged or organized so that all the parts work smoothly or systematically together

133. His \_\_\_\_\_ showed highly positive results.

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

ANSWERS: 126. medical, 127. shrug, 128. fashion, 129. trace, 130. driveway, 131. cardiovascular, 132. coordinated, 133. experiments

134. Driving was difficult on the \_\_\_\_\_ cobblestoned surface.

*adj.* not having an even or balanced shape or arrangement; contrary to the usual rule, accepted order, or what is expected

135. Cardiac muscle cells are highly \_\_\_\_\_ enabling the heart to beat continuously.

*adj.* having the ability or tendency to contract (= to shorten or become smaller), especially in a muscular or cellular context; capable of reducing in size or volume through a contraction (= shortening or tightening)

136. 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

137. Her prima \_\_\_\_\_ behavior on the movie set was well known, making it difficult for directors to work with her.

*n.* (also used as "prima donna") a title of respect given in Italy to a woman of rank or nobility; a woman of distinction or importance

138. The patient displays a \_\_\_\_\_ of a side effect.

*n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

139. The \_\_\_\_\_ output of a resting adult is around three quarts per minute.

*adj.* of or relating to the heart or heart disease

140. People can clone a sheep \_\_\_\_\_.

*adv.* at the current time, in comparison to the past

ANSWERS: 134. irregular, 135. contractile, 136. develop, 137. donna, 138. symptom, 139. cardiac, 140. nowadays

141. The physical examination revealed no abnormalities in the patient's \_\_\_\_\_ structure.

*adj.* relating to the muscular tissue of the heart

142. The treatments were done but, \_\_\_\_\_ were unsuccessful.

*adv.* by bad luck; unluckily

143. I walked \_\_\_\_\_ across the field to reach the other side faster.

*adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical

144. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.

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

145. We invited some friends for a \_\_\_\_\_ party.

*n.* a drink, usually an alcoholic one, made by mixing one or more spirits (= strong alcoholic drinks) and fruit juice; an appetizer served as a first course at a meal

146. New York is the commercial \_\_\_\_\_ of America.

*n.* the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

147. The peaceful surroundings \_\_\_\_\_ the danger lurking just around the corner.

*v.* to contradict or show to be false or untrue; to give a false impression or disguise the true nature of something

148. Her visit will \_\_\_\_\_ from Monday to Friday.

*v.* to broaden in scope, range, or area

ANSWERS: 141. myocardial, 142. unfortunately, 143. diagonally, 144. medicinal, 145. cocktail, 146. heartbeat, 147. belied, 148. extend

149. The nurse \_\_\_\_\_ the children in the school.
- v.* to treat with a vaccine, usually by injection, to produce immunity against a disease
150. The \_\_\_\_\_ approach to education emphasizes hands-on learning and student-centered classrooms.
- adj.* relating to or supporting development or advancement, especially social or political one
151. Exchange rate fluctuations have increased that country's trade \_\_\_\_\_.
- n.* the total amount by which money spent is greater than money earned in a particular period of time; the property of being an amount by which something, especially an amount of money, is less than expected or required
152. The company has been successful in maintaining the status \_\_\_\_\_.
- n.* the existing state or condition of something, especially in relation to a particular situation or issue
153. The rhesus \_\_\_\_\_ is one of the biomedical research's most widely used animal models.
- n.* any of the various short-tailed monkeys found in Asia and Africa, typically living in large groups and known for their intelligence and adaptability
154. Overall \_\_\_\_\_ are approximately 400x200mm.
- n.* a measurable extent of a particular kind, such as width, height, or length
155. She visited the local \_\_\_\_\_ to seek treatment for her persistent headache.
- n.* a medical doctor who practices medicine
156. This bar \_\_\_\_\_ shows sales over the past five years.
- n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 149. vaccinated, 150. progressive, 151. deficit, 152. quo, 153. macaque, 154. dimensions, 155. physician, 156. graph

157. 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
158. The group of performers perfectly executed the \_\_\_\_\_ dance routine.  
*adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
159. Her sleep was \_\_\_\_\_ by recurring pain.  
*v.* to say or do something that causes someone to stop in their speech or action
160. I need to \_\_\_\_\_ this document before submitting it to my boss.  
*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
161. The \_\_\_\_\_ rainstorm caused the collapse of the corral.  
*adj.* not anticipated or regarded as likely to happen
162. The dancers moved in \_\_\_\_\_ perfectly synchronized with one another.  
*n.* a way of walking in which people's strides are perfectly synchronized; rigid conformity to a particular plan or set of actions
163. The findings of the experiment were both \_\_\_\_\_ and unexpected.  
*adj.* causing a lot of interest or excitement
164. Vitamin \_\_\_\_\_ can lead to various illnesses.  
*n.* the state of lack, or not having enough of, something that is essential
165. He received an \_\_\_\_\_ of antibiotics to treat his infection.  
*n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

ANSWERS: 157. tissue, 158. synchronous, 159. interrupted, 160. edit, 161. unexpected, 162. lockstep, 163. exciting, 164. deficiency, 165. injection

166. He conducts a \_\_\_\_\_ workout routine to stay in shape.

*adj.* characterized by energy or intensity; physically strong and healthy; robust and enthusiastic in action or thought

167. Some people with \_\_\_\_\_ may need to avoid certain activities or sources of electromagnetic interference.

*n.* a small electronic device that is implanted in the chest to regulate the heartbeat of people with certain heart conditions; a person or thing that sets the pace or rhythm for others

168. The sun set over the crest of \_\_\_\_\_ hills.

*adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

169. 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

170. I used an optical \_\_\_\_\_ to observe the small organisms in the water sample.

*n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

171. He has been prescribed an \_\_\_\_\_ to treat his infection.

*n.* a substance or drug that kills or slows down the growth of bacteria

172. Later, his claim was found to be \_\_\_\_\_ false.

*adv.* completely

ANSWERS: 166. vigorous, 167. pacemakers, 168. distant, 169. cellular, 170. microscope, 171. antibiotic, 172. entirely

173. The soup was made with bone \_\_\_\_\_ giving it a rich and savory flavor.

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

174. The elections were handled in a timely and \_\_\_\_\_ manner.

*adj.* clean or organized in a neat, careful and logical way

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

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

176. A double-blind procedure is used to guard against experimenter bias and \_\_\_\_\_ effects.

*n.* harmless substance, especially given as a pacifier or to the control group in experiments on the efficacy of a drug

177. The beach was filled with hundreds of \_\_\_\_\_ so swimming was not recommended.

*n.* a marine creature with a soft, jelly-like body and tentacles for stinging

178. The \_\_\_\_\_ demonstrate that poverty and unemployment are genuine problems.

*n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

179. The picnic basket was \_\_\_\_\_ of sandwiches, fruit, and drinks.

*adj.* completely filled or crowded with something; having no space or room for additional things

180. The electrical cord \_\_\_\_\_ combusted.

*adv.* in a way that is natural, not planned or forced, and often sudden

ANSWERS: 173. marrow, 174. orderly, 175. biology, 176. placebo, 177. jellyfish, 178. statistics, 179. chock-full, 180. spontaneously



ANSWERS: