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## Vocabulary Builder Reference from...

Hadyn Parry: Re-engineering mosquitos to fight disease | TED Talk

[https://www.ted.com/talks/hadyn\\_parry\\_re\\_engineerin\\_g\\_mosquitos\\_to\\_fight\\_disease](https://www.ted.com/talks/hadyn_parry_re_engineerin_g_mosquitos_to_fight_disease)

### All Words

#### IMPORTANT

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## Session 1: Word List

### shark

*n.* a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest

*synonym*: swindler, con artist, crook

(1) a man-eating **shark**, (2) card **shark**

He borrowed money from a loan **shark**.

### mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym*: insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

### creature

*n.* a living being, especially an animal

*synonym*: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

### plague

*n.* any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body

*synonym* : epidemic, pandemic, pest

(1) catch the **plague**, (2) deadly **plague**

Our farm experienced a **plague** of locusts this year.

## advance

*v.* to go or move forward; to develop in a positive way

*synonym* : progress, boost, come along

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

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

## sanitation

*n.* the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner

*synonym* : cleanliness, hygiene, sterilization

(1) **sanitation** standards, (2) poor **sanitation**

**Sanitation** workers play a critical role in keeping our cities clean and healthy.

## wealth

*n.* a large amount of money, property, or other things that someone or an organization owns

*synonym* : affluence, assets, fortunate

(1) majority of his **wealth**, (2) material **wealth**

The **wealth** inequality was unavoidable.

## 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.

## malaria

*n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito

(1) **malaria** mosquitoes, (2) **malaria-endemic** area

Many people in tropical countries die from **malaria** every year.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

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

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

## suddenly

*adv.* quickly and unexpectedly

*synonym*: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

## virus

*n.* a tiny infectious organic material that causes disease in people, animals, and plants

*synonym*: bacterium, germ, ailment

(1) spread of the **virus**, (2) a strain of **virus**

An infected person in the hospital will likely pass the **virus** to others.

## threat

*n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

*synonym*: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

## dengue

*n.* (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

*synonym*: breakbone fever, infectious tropical disease

(1) **dengue** mosquito, (2) **dengue** outbreak

Many people in this region have contracted **dengue** fever

from mosquito bites.

## 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**.

## organization

*n.* a group of people who work together for a shared purpose

*synonym*: association, institution, community

(1) **organization** chart, (2) agricultural **organization**

She is the president of a large international **organization**.

## infect

*v.* to affect a person, an animal, or a plant with a disease-causing organism

*synonym*: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## equivalent

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

*synonym*: equal, counterpart, match

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

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

## estimate

*v.* to guess or calculate the cost, size, value, etc. of something

*synonym*: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

## roughly

*adv.* approximately but not precisely; with a violent manner  
*synonym* : approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking  
Five miles is **roughly** similar to eight kilometers.

## infection

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

*synonym* : contagion, disease, transmission

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

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

## phenomenally

*adv.* extremely or exceptionally, especially in a way that is surprising

*synonym* : exceptionally, amazingly, remarkably

(1) **phenomenally** quick, (2) **phenomenally** gifted

He became **phenomenally** successful in the entertainment industry.

## incidence

*n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

*synonym* : occurrence, frequency, prevalence

(1) **incidence** rate, (2) high **incidence** of disease

The **incidence** of crime has decreased in the neighborhood since the new security measures were put in place.

## threefold

*adj.* three times as great or as many

*synonym* : three, triple, three times

(1) rise nearly **threefold**, (2) **threefold** increase

The price of the item was reduced **threefold** after the sale.

## assume

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

*synonym* : guess, presume, suppose

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

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

## 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.

## influenza

*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

*synonym* : grippe, flu

(1) an epidemic outbreak of **influenza**, (2) **influenza B** strain

The research institute allocated a lot of money to study the cause and prevention of **influenza**.

## 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.

## nausea

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

*synonym* : queasiness, sickness, vomiting

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

vomiting

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

## headache

*n.* pain in the head; someone or something that causes anxiety or trouble

*synonym*: concern, difficulty, problem

(1) **headache** accompanied by fever, (2) bit of a **headache**

This pill will relieve your **headaches** immediately.

## contract

*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

*synonym*: agreement, deal, arrangement

(1) employment **contract**, (2) **contract** law

The company signed a **contract** with the supplier for the delivery of goods.

## nickname

*n.* a familiar or humorous name given to a person or thing instead of or as well as the real name

*synonym*: moniker, sobriquet, handle

(1) endearing **nickname**, (2) **nickname** for a person

The team has a **nickname** for their star player: "The Ace."

## odd

*adj.* strange or unexpected; not divisible by two

*synonym*: strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

## antibody

*n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

## strain

*n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from

similar groups

*synonym* : pressure, tension, breed

(1) **strain** our eyes, (2) a **strain** of bacillus

Dictators of the past often had the erroneous idea of a pure racial **strain**.

## susceptible

*adj.* easily influenced, harmed, or affected by something

*synonym* : exposed, liable, gullible

(1) a **susceptible** young woman, (2) **susceptible** of proof

Well-stretched muscles are less **susceptible** to injury.

## severe

*adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

*synonym* : harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

## hemorrhage

*n.* profuse bleeding, often caused by a ruptured vessel

*synonym* : heavy bleeding

(1) **hemorrhage** from a breast, (2) **hemorrhage** control

He had a severe brain **hemorrhage** that left him paralyzed.

## shock

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

*synonym* : amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

## syndrome

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

*synonym* : disorder, condition, complication

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

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



## hitchhike

*v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle

*synonym*: thumb a ride, bum a ride

(1) **hitchhike** a ride, (2) **hitchhike** across the country

She had to **hitchhike** to the nearest gas station when her car broke down.

## puddle

*n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

*synonym*: pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

## freight

*n.* goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air

*synonym*: cargo, shipment, haul

(1) **freight** transport, (2) **freight** cost

The large **freight** shipment arrived at the port early in the morning.

## transport

*n.* a system for moving people or products from one location to another using automobiles, roads, and so on

*synonym*: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

## humankind

*n.* the whole of the living human inhabitants of the earth

*synonym*: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

## insect

*n.* any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

## infest

v. to swarm or overrun with a large number of something undesirable, such as pests or parasites

*synonym*: invade, overrun

(1) **infest** a building, (2) **infest** a garden

The old storage shed was **infested** with rats and had to be torn down.

## reside

v. to live in a particular place, typically for a prolonged period of time

*synonym*: live, dwell, inhabit

(1) **reside** on the skin, (2) **reside** permanently

They **reside** in a beautiful old house in the countryside.

## declare

v. to say, state, or announce something clearly, officially, or publicly

*synonym*: announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

## rid

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

*synonym*: do away with, free, clear

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

We must **rid** ourselves of pollution.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## epidemic

*n.* the widespread outbreak of a particular disease in a large number of people at the same time

*synonym*: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**  
The disease is now reaching **epidemic** proportions in our country.

## 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.

## larva

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

*synonym*: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**  
The butterfly emerged from its **larva** stage.

## chemical

*adj.* relating to or connected with chemistry;

*synonym*: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound  
The firm has grown into a large **chemical** manufacturing.

## breed

*v.* to keep animals for producing offspring in a regulated manner

*synonym*: raise, multiply, reproduce

(1) **breed** horses, (2) **breed** suspicion  
This animal **breeds** in northern latitudes.

## urban

*adj.* relating to or located in a town or city

*synonym*: metropolitan, civic

(1) **urban** planning, (2) **urban** property owners  
Only a small number of **urban** utilities offer sanitation services.

## extraordinary

*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

*synonym*:

exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

## trunk

*n.* the main stem or body of a tree which its branches grow  
*synonym*: body, chest, torso

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

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

## practical

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

*synonym*: applicable, functional, realistic

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

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

## fog

*n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water

*synonym*: cloud, mist, smog

(1) a dense **fog**, (2) front **fog** lights

The **fog** cleared away, and the star-filled sky appeared.

## spray

*n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

*synonym*: mist, aerosol, atomizer

(1) a **spray** of mist, (2) an insect **spray**

The artist used a **spray** paint can to create a graffiti mural on the wall.

## unpleasant

*adj.* not enjoyable or comfortable

*synonym*: disagreeable, displeasing, distasteful

(1) **unpleasant** behavior, (2) with **unpleasant** body odor

It is **unpleasant** to see criminal behavior even though it is

minor.

## massive

*adj.* enormous amount; very heavy and solid

*synonym*: enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

## 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.

## decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

*synonym*: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

## transmission

*n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

*synonym*: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

## undo

*v.* to reverse the effect of an action or event, typically one that is recent or specific

*synonym*: reverse, retract, revoke

(1) **undo** changes, (2) **undo** a belt

I accidentally deleted the file, so can you **undo** that action?

## 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.

## emerging

*adj.* starting to exist, mature, or become well-known

*synonym*: arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies

**Emerging** technologies have dramatically improved productivity in various industries.

## specify

*v.* to explain or state something clearly and exactly

*synonym*: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

## beneficial

*adj.* helpful, useful, or sound; promoting or enhancing well-being

*synonym*: useful, advantageous, fruitful

(1) a **beneficial** result, (2) **beneficial** to all countries

Laughing is **beneficial** to our health.

## ecosystem

*n.* all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

## invade

*v.* to enter aggressively into another's territory by military force for conquest and occupation

*synonym*: intrude, raid, overrun

(1) **invade** other tissues, (2) **invade** his privacy

I have no intention to **invade** your privacy.

## feat

*n.* a notable or impressive achievement, especially one that requires great skill or bravery

*synonym*:

achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

## 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.

## phenomenon

*n.* something that exists and can be perceptible, especially one that is not fully understood

*synonym*: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

## release

*v.* to set free or allow to escape from confinement

*synonym*: free, let go, discharge

(1) **release** a prisoner, (2) **release** CO<sub>2</sub> into the air

The animal rights group worked to **release** the dolphins back into the wild.

## typical

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

*synonym*: characteristic, usual, distinctive

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

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

## offspring

*n.* descendant; any immature animal or plant

*synonym*: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

## lifetime

*n.* the duration of someone's life or something's existence;

*synonym*: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport  
She had lived through two world wars in her **lifetime**.

## 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.

## sterile

*adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing  
*synonym*: clean, germ-free, hygienic

(1) **sterile** environment, (2) a **sterile** man  
Surgeons must use **sterile** instruments to prevent infection during an operation.

## fertile

*adj.* capable of producing abundant vegetation or crops; intellectually productive  
*synonym*: fruitful, productive, rich

(1) **fertile** ground, (2) **fertile** market  
Herbs require **fertile** soil in a sunny, sheltered location.

## pathway

*n.* a track that constitutes or serves as a path; an approach or a way of doing something  
*synonym*: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling  
**pathways**

When the first molecule in the **pathway** receives a signal, it activates other molecules.

## pharmaceutical

*adj.* relating to the production and selling of the medical drugs  
*synonym*: drug, medication, prescription

(1) major **pharmaceutical** companies, (2) commercial **pharmaceutical** products  
She gave money to help set up a **pharmaceutical** laboratory.



## internal

*adj.* of or relating to the inside of something

*synonym* : interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

## evaluate

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

*synonym* : assess, estimate, consider

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

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

## outdoors

*adv.* in or into the open air; outside a building or structure

*synonym* : outside, al fresco, in the open air

(1) exhausted **outdoors**, (2) sleep **outdoors**

She loves to hike **outdoors** and explore nature.

## communal

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

*synonym* : collaborative, combined, collective

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

**Communal** elections were held in several European countries.

## consent

*n.* permission or agreement to do something, especially given by somebody in authority

*synonym* : approval, authorization, concession

(1) **consent** for surgery, (2) give silent **consent**

She gave her **consent** to the company's proposal.

## permit

*v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

*synonym* : allow, authorize, concede

(1) **permit** application, (2) work **permit**

The teacher will not **permit** any students to leave the

classroom early.

## caiman

*n.* a type of predatory reptile that belongs to the crocodilian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America

*synonym* : alligator, crocodile, reptile

(1) **caiman** conservation, (2) **caiman** population

The **caiman's** diet mainly consists of fish and small mammals.

## 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.

## government

*n.* the group of people with authority to control a country or state

*synonym* : administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

## separate

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

*synonym* : disunite, isolate, ramify

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

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

## precise

*adj.* sharply exact or accurate or delimited

*synonym* : accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs  
The content is **precise** and informative for me.

## coverage

*n.* the reporting or news of an important event, sports, subject, etc.; the amount, range, area, or quality of something that something provides

*synonym*: reportage, scope, range

(1) full- **coverage** insurance, (2) contractual **coverage**  
The scandal received widespread media **coverage**.

## 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?

## agriculture

*n.* the practice or science of cultivating the land or raising stock

*synonym*: farming, husbandry, agribusiness

(1) organic **agriculture**, (2) intensive **agriculture**

**Agriculture** is the foundation of our economy.

## supplement

*n.* something that is added to something else to make it better or complete it

*synonym*: complement, addendum, accessory

(1) wage **supplement**, (2) use of dietary **supplements**

Certain **supplements** may promote tumor growth.

## chemistry

*n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

## societal

*adj.* relating to society or social relationships

*synonym*: social, communal, cultural

(1) **societal** norms, (2) **societal** expectations  
The **societal** pressure to conform is strong in this community.

## genetic

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

*synonym*: hereditary, genetical, inborn

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

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

## engineer

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

*synonym*: architect, creator, builder

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

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

## enzyme

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

*synonym*: catalyst, activator, accelerator

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

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

## industrial

*adj.* of or relating to or resulting from industry

*synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## genetically

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

*synonym*: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and

required less water.

## crop

*n.* a plant that is cultivated in large amounts, particularly for food

*synonym*: output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

## vaccine

*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

*synonym*: vaccinum

(1) development of **vaccines**, (2) an oral **vaccine**

The mRNA **vaccine** was approved in less than a year because it did not contain the fragments of the target virus.

## outcome

*n.* the result or effect of an action, event, etc.

*synonym*: result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**

They awaited news of the **outcome** of the election.

## unacceptably

*adv.* in a way that is not acceptable or satisfactory

*synonym*: improperly, unsatisfactorily, inadequately

(1) **unacceptably** high prices, (2) **unacceptably** poor

The restaurant's service was **unacceptably** slow.

## 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.

## pesticide

*n.* a substance used for preventing, destroying, repelling, or mitigating any pest

*synonym*: insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.

## tremendous

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

*synonym*: enormous, giant, immense

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

We had a **tremendous** time yesterday.

## advantage

*n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has

*synonym*: benefit, edge, asset

(1) score an **advantage**, (2) take **advantage** of his weak points

One of the main **advantages** of the new product is its increased efficiency.

## disadvantage

*n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

*synonym*: detriment, drawback, (verb) disfavor

(1) the **disadvantage** of a plan, (2) **disadvantage** small businesses

A lack of education can be a significant **disadvantage** in today's job market.

## render

*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

*synonym*: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

## reproduce

*v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

*synonym*: duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself  
By dividing and creating copies of themselves, bacteria  
**reproduce**.

## Session 2: Spelling

- |                           |  |
|---------------------------|--|
| 1. tre_____us amount      | <i>adj.</i> very great in degree or extent or amount or impact; extremely good   |
| 2. professor of ch_____ry | <i>n.</i> the branch of the natural sciences dealing with the composition of substances and their properties and reactions |
| 3. hem_____ge control     | <i>n.</i> profuse bleeding, often caused by a ruptured vessel  |
| 4. a bacterial in_____on  | <i>n.</i> a condition in which pathogenic microorganisms or viruses have entered the body                                  |
| 5. pe____t application    | <i>v.</i> to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization   |
| 6. u__o changes           | <i>v.</i> to reverse the effect of an action or event, typically one that is recent or specific                            |
| 7. the tr__k of the body  | <i>n.</i> the main stem or body of a tree which its branches grow  |
| 8. health ep_____ic       | <i>n.</i> the widespread outbreak of a particular disease in a large number of people at the same time                     |
| 9. sp_____y an option     | <i>v.</i> to explain or state something clearly and exactly  |
| 10. endearing ni_____me   | <i>n.</i> a familiar or humorous name given to a person or thing instead of or as well as the real name                    |

ANSWERS: 1. tremendous, 2. chemistry, 3. hemorrhage, 4. infection, 5. permit, 6. undo, 7. trunk, 8. epidemic, 9. specify, 10. nickname



11. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
12. pr\_\_\_\_\_le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
13. equ\_\_\_\_\_nt amounts *n.* having the same value, quality, meaning, purpose, etc.
14. ad\_\_\_\_\_e a cooperative relationship *v.* to go or move forward; to develop in a positive way
15. score an ad\_\_\_\_\_ge *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
16. gen\_\_\_\_\_ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
17. ma\_\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
18. di\_\_\_\_\_e money equally *v.* to separate or cause to separate into parts or groups
19. as\_\_\_\_\_e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
20. so\_\_\_\_\_al expectations *adj.* relating to society or social relationships
21. death from sh\_\_k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

ANSWERS: 11. environment, 12. principle, 13. equivalent, 14. advance, 15. advantage, 16. genetically, 17. massive, 18. divide, 19. assume, 20. societal, 21. shock

22. se\_\_\_e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
23. ad\_\_\_\_\_e the technology *v.* to go or move forward; to develop in a positive way
24. in\_\_\_t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
25. phe\_\_\_\_\_lly quick *adv.* extremely or exceptionally, especially in a way that is surprising
26. 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
27. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
28. gain pr\_\_\_\_\_al experience *adj.* of or connected with actual use or real situation rather than with theory and ideas
29. historical phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
30. tra\_\_\_\_\_ion speed *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
31. a ge\_\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 22. severe, 23. advance, 24. infect, 25. phenomenally, 26. process, 27. chemical, 28. practical, 29. phenomenon, 30. transmission, 31. genetic

32. fe\_\_\_\_e ground *adj.* capable of producing abundant vegetation or crops; intellectually productive
33. pa\_\_\_\_y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
34. sy\_\_\_\_me of dementia *n.* a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
35. es\_\_\_\_te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
36. lack of digestive en\_\_\_\_es *n.* a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
37. commercial pha\_\_\_\_cal products *adj.* relating to the production and selling of the medical drugs
38. re\_\_\_\_r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
39. a remote re\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
40. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
41. de\_\_\_\_e mosquito *n.* (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
42. gen\_\_\_\_ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

ANSWERS: 32. fertile, 33. pathway, 34. syndrome, 35. estimate, 36. enzyme, 37. pharmaceutical, 38. render, 39. relative, 40. feat, 41. dengue, 42. genetically

43. beginning of the ind\_\_\_\_\_al revolution  
*adj.* of or relating to or resulting from industry
44. he\_\_\_\_\_he accompanied by fever  
*n.* pain in the head; someone or something that causes anxiety or trouble
45. 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
46. mo\_\_\_\_\_to repellent  
*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
47. in an o\_d way  
*adj.* strange or unexpected; not divisible by two
48. re\_\_\_\_\_ce by myself  
*v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
49. ind\_\_\_\_\_al alcohol  
*adj.* of or relating to or resulting from industry
50. in\_\_\_\_t a building  
*v.* to swarm or overrun with a large number of something undesirable, such as pests or parasites
51. re\_\_\_\_r the contract void  
*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

ANSWERS: 43. industrial, 44. headache, 45. develop, 46. mosquito, 47. odd, 48. reproduce, 49. industrial, 50. infest, 51. render

52. major pha\_\_\_\_\_cal companies     *adj.* relating to the production and selling of the medical drugs
53. st\_\_\_n our eyes     *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
54. em\_\_\_\_\_ng country     *adj.* starting to exist, mature, or become well-known
55. the te\_\_\_\_\_ue applied to construction     *n.* a particular way or art of doing something that needs skill
56. re\_\_\_\_\_ce the painting     *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
57. give silent co\_\_\_\_\_t     *n.* permission or agreement to do something, especially given by somebody in authority
58. estimate pr\_\_\_\_\_e costs     *adj.* sharply exact or accurate or delimited
59. de\_\_\_\_\_e independence     *v.* to say, state, or announce something clearly, officially, or publicly
60. u\_\_o a belt     *v.* to reverse the effect of an action or event, typically one that is recent or specific
61. o\_d behavior     *adj.* strange or unexpected; not divisible by two
62. una\_\_\_\_\_bly high prices     *adv.* in a way that is not acceptable or satisfactory

ANSWERS: 52. pharmaceutical, 53. strain, 54. emerging, 55. technique, 56. reproduce, 57. consent, 58. precise, 59. declare, 60. undo, 61. odd, 62. unacceptably

63. re\_\_\_e permanently *v.* to live in a particular place, typically for a prolonged period of time
64. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
65. card sh\_\_k *n.* a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest
66. intensive agr\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
67. ma\_\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
68. agricultural org\_\_\_\_\_ion *n.* a group of people who work together for a shared purpose
69. organic agr\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
70. in\_\_\_\_\_e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
71. history of hu\_\_\_\_\_nd *n.* the whole of the living human inhabitants of the earth
72. a te\_\_\_\_\_ue in martial arts *n.* a particular way or art of doing something that needs skill
73. produce of\_\_\_\_\_ng *n.* descendant; any immature animal or plant
74. catch the pl\_\_\_e *n.* any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body

ANSWERS: 63. reside, 64. probable, 65. shark, 66. agriculture, 67. massive, 68. organization, 69. agriculture, 70. involve, 71. humankind, 72. technique, 73. offspring, 74. plague

75. in\_\_\_t a garden *v.* to swarm or overrun with a large number of something undesirable, such as pests or parasites
76. economic th\_\_\_t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
77. 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
78. the tra\_\_\_\_\_ion gears of a car *n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
79. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
80. deadly pl\_\_\_e *n.* any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body
81. the tr\_\_k of the tree *n.* the main stem or body of a tree which its branches grow
82. cellular signaling pa\_\_\_\_\_ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 75. infest, 76. threat, 77. symptom, 78. transmission, 79. environment, 80. plague, 81. trunk, 82. pathway

83. ro\_\_\_\_y explain my idea *adv.* approximately but not precisely; with a violent manner
84. cell and molecular bi\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
85. pr\_\_\_\_al English *adj.* of or connected with actual use or real situation rather than with theory and ideas
86. drug-induced na\_\_\_\_a and vomiting *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
87. in\_\_\_\_e his privacy *v.* to enter aggressively into another's territory by military force for conquest and occupation
88. se\_\_\_\_te cream from milk *v.* to force, take, or pull apart; mark as different
89. ty\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
90. poor san\_\_\_\_on *n.* the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner
91. the in\_\_\_\_al economy *adj.* of or relating to the inside of something
92. in\_\_\_\_al organs *adj.* of or relating to the inside of something
93. equ\_\_\_\_nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
94. an epidemic outbreak of in\_\_\_\_za *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics

ANSWERS: 83. roughly, 84. biology, 85. practical, 86. nausea, 87. invade, 88. separate, 89. typical, 90. sanitation, 91. internal, 92. internal, 93. equivalent, 94. influenza



95. pr\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
96. contractual co\_\_\_\_ge *n.* the reporting or news of an important event, sports, subject, etc.; the amount, range, area, or quality of something that something provides
97. a wide sl\_\_\_\_e *n.* a part of a garment that covers all or part of an arm
98. a se\_\_\_\_e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
99. bit of a he\_\_\_\_he *n.* pain in the head; someone or something that causes anxiety or trouble
100. the ch\_\_\_\_ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
101. re\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else
102. in\_\_\_\_t antenna *n.* any small creature that has six legs and a body divided into three sections
103. ur\_\_n planning *adj.* relating to or located in a town or city
104. fe\_\_\_\_e market *adj.* capable of producing abundant vegetation or crops; intellectually productive
105. employment co\_\_\_\_ct *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

ANSWERS: 95. precise, 96. coverage, 97. sleeve, 98. severe, 99. headache, 100. chemistry, 101. relative, 102. insect, 103. urban, 104. fertile, 105. contract

106. exhausted ou\_\_\_\_rs *adv.* in or into the open air; outside a building or structure
107. a desirable ou\_\_\_\_e *n.* the result or effect of an action, event, etc.
108. co\_\_\_\_ct law *n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law
109. de\_\_\_\_e outbreak *n.* (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
110. in\_\_\_\_za B strain *n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
111. ma\_\_\_\_a mosquitoes *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
112. in\_\_\_\_t biology *n.* any small creature that has six legs and a body divided into three sections
113. phe\_\_\_\_lly gifted *adv.* extremely or exceptionally, especially in a way that is surprising
114. di\_\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
115. in\_\_\_\_ce rate *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

ANSWERS: 106. outdoors, 107. outcome, 108. contract, 109. dengue, 110. influenza, 111. malaria, 112. insect, 113. phenomenally, 114. divide, 115. incidence

116. re\_\_\_\_\_e a prisoner *v.* to set free or allow to escape from confinement
117. in\_\_\_\_\_e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
118. sh\_\_k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
119. wage sup\_\_\_\_\_nt *n.* something that is added to something else to make it better or complete it
120. a st\_\_\_\_\_e man *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
121. natural phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
122. em\_\_\_\_\_ng technologies *adj.* starting to exist, mature, or become well-known
123. marine ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
124. se\_\_\_\_\_te video into chapter *v.* to force, take, or pull apart; mark as different
125. 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
126. hem\_\_\_\_\_ge from a breast *n.* profuse bleeding, often caused by a ruptured vessel

ANSWERS: 116. release, 117. involve, 118. shock, 119. supplement, 120. sterile, 121. phenomenon, 122. emerging, 123. ecosystem, 124. separate, 125. disease, 126. hemorrhage

127. front f\_g lights *n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water
128. una\_\_\_\_\_bly poor *adv.* in a way that is not acceptable or satisfactory
129. a dense f\_g *n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water
130. es\_\_\_\_\_te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
131. as\_\_\_e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
132. org\_\_\_\_\_ion chart *n.* a group of people who work together for a shared purpose
133. su\_\_\_\_\_ly attacked by an enemy *adv.* quickly and unexpectedly
134. san\_\_\_\_\_on standards *n.* the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner
135. in\_\_\_e other tissues *v.* to enter aggressively into another's territory by military force for conquest and occupation

ANSWERS: 127. fog, 128. unacceptably, 129. fog, 130. estimate, 131. assume, 132. organization, 133. suddenly, 134. sanitation, 135. invade

136. pe\_\_\_\_\_de application *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
137. majority of his we\_\_\_h *n.* a large amount of money, property, or other things that someone or an organization owns
138. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
139. high in\_\_\_\_\_ce of disease *n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant
140. na\_\_\_a medication *n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust
141. spread of the vi\_\_\_s *n.* a tiny infectious organic material that causes disease in people, animals, and plants
142. artificial cr\_\_\_\_\_re *n.* a living being, especially an animal
143. 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: 136. pesticide, 137. wealth, 138. engineer, 139. incidence, 140. nausea, 141. virus, 142. creature, 143. process

144. treat the in\_\_\_\_\_on with antibiotics     *n.* a condition in which pathogenic microorganisms or viruses have entered the body
145. die su\_\_\_\_\_ly     *adv.* quickly and unexpectedly
146. material we\_\_\_\_\_h     *n.* a large amount of money, property, or other things that someone or an organization owns
147. dis\_\_\_\_\_age small businesses     *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
148. ni\_\_\_\_\_me for a person     *n.* a familiar or humorous name given to a person or thing instead of or as well as the real name
149. ev\_\_\_\_\_te a situation     *v.* to assess or estimate the quality, significance, quantity, or value of something
150. an oral va\_\_\_\_\_e     *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
151. c\_\_p herbicide     *n.* a plant that is cultivated in large amounts, particularly for food
152. access to public tr\_\_\_\_\_rt     *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
153. get r\_d of the rats     *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

ANSWERS: 144. infection, 145. suddenly, 146. wealth, 147. disadvantage, 148. nickname, 149. evaluate, 150. vaccine, 151. crop, 152. transport, 153. rid

154. re\_\_\_e on the skin *v.* to live in a particular place, typically for a prolonged period of time
155. 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
156. de\_\_\_\_\_e my love *v.* to say, state, or announce something clearly, officially, or publicly
157. fr\_\_\_\_\_t cost *n.* goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air
158. the dis\_\_\_\_\_age of a plan *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
159. co\_\_\_\_\_al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
160. fr\_\_\_\_\_t transport *n.* goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air
161. a worldwide ep\_\_\_\_\_ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time
162. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
163. ma\_\_\_\_\_a-endemic area *n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
164. ext\_\_\_\_\_ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

ANSWERS: 154. reside, 155. disease, 156. declare, 157. freight, 158. disadvantage, 159. communal, 160. freight, 161. epidemic, 162. genetic, 163. malaria, 164. extraordinary

165. hi\_\_\_\_\_ke across the country      *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
166. so\_\_\_\_\_al norms      *adj.* relating to society or social relationships
167. pr\_\_\_\_\_le outcome      *adj.* likely to happen or likely to be true
168. an\_\_\_\_\_dy against bacteria      *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
169. pr\_\_\_\_\_le in business      *n.* a fundamental law or truth that explains or controls how something happens or works
170. re\_\_\_\_\_e CO2 into the air      *v.* to set free or allow to escape from confinement
171. ro\_\_\_\_\_y speaking      *adv.* approximately but not precisely; with a violent manner
172. br\_\_d horses      *v.* to keep animals for producing offspring in a regulated manner
173. pe\_\_\_\_\_de residue      *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
174. su\_\_\_\_\_e a blizzard      *v.* to live or exist despite a dangerous event or period
175. a ch\_\_\_\_\_al compound      *adj.* relating to or connected with chemistry;
176. female of\_\_\_\_\_ng      *n.* descendant; any immature animal or plant
177. gov\_\_\_\_\_nt funding      *n.* the group of people with authority to control a country or state

ANSWERS: 165. hitchhike, 166. societal, 167. probable, 168. antibody, 169. principle, 170. release, 171. roughly, 172. breed, 173. pesticide, 174. survive, 175. chemical, 176. offspring, 177. government



178. a moth la\_\_a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
179. produce an\_\_\_\_dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
180. co\_\_\_\_al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
181. 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
182. ca\_\_\_\_n conservation *n.* a type of predatory reptile that belongs to the crocodilian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America
183. ur\_\_n property owners *adj.* relating to or located in a town or city
184. development of va\_\_\_\_es *n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)
185. change the ec\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
186. mo\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

ANSWERS: 178. larva, 179. antibody, 180. communal, 181. symptom, 182. caiman, 183. urban, 184. vaccine, 185. ecosystem, 186. mosquito

187. sus\_\_\_\_\_le of proof *adj.* easily influenced, harmed, or affected by something
188. co\_\_\_\_\_t for surgery *n.* permission or agreement to do something, especially given by somebody in authority
189. unp\_\_\_\_\_nt behavior *adj.* not enjoyable or comfortable
190. environmental th\_\_\_\_t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
191. de\_\_\_e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
192. tre\_\_\_\_\_us popularity *adj.* very great in degree or extent or amount or impact; extremely good
193. cr\_\_\_\_\_re of habit *n.* a living being, especially an animal
194. ben\_\_\_\_\_al to all countries *adj.* helpful, useful, or sound; promoting or enhancing well-being
195. a sus\_\_\_\_\_le young woman *adj.* easily influenced, harmed, or affected by something
196. a man-eating sh\_\_k *n.* a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest
197. de\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 187. susceptible, 188. consent, 189. unpleasant, 190. threat, 191. decide, 192. tremendous, 193. creature, 194. beneficial, 195. susceptible, 196. shark, 197. decide

198. a st\_\_\_n of bacillus *n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
199. fairly ty\_\_\_\_l symptoms *adj.* having the usual characteristics or traits of a specific group of things
200. br\_\_d suspicion *v.* to keep animals for producing offspring in a regulated manner
201. li\_\_\_\_\_me ban from the sport *n.* the duration of someone's life or something's existence;
202. la\_\_a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
203. work pe\_\_\_\_t *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
204. with unp\_\_\_\_\_nt body odor *adj.* not enjoyable or comfortable
205. c\_\_p field *n.* a plant that is cultivated in large amounts, particularly for food
206. ext\_\_\_\_\_ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
207. sleep ou\_\_\_\_rs *adv.* in or into the open air; outside a building or structure
208. sl\_\_\_e length *n.* a part of a garment that covers all or part of an arm
209. 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: 198. strain, 199. typical, 200. breed, 201. lifetime, 202. larva, 203. permit, 204. unpleasant, 205. crop, 206. extraordinary, 207. outdoors, 208. sleeve, 209. develop

210. evolutionary bi\_\_\_\_y                    *n.*    the scientific study of life and the natural processes of living things
211. step in a pu\_\_\_\_e                    *n.*    a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
212. acute sy\_\_\_\_me                    *n.*    a group of signs and symptoms that occur together and are characteristic of a particular condition or disorder
213. use of dietary sup\_\_\_\_nts                    *n.*    something that is added to something else to make it better or complete it
214. a strain of vi\_\_s                    *n.*    a tiny infectious organic material that causes disease in people, animals, and plants
215. r\_d the body of waste products                    *v.*    to make someone or something free of unwanted or unpleasant tasks, objects, or person
216. li\_\_\_\_me benefits                    *n.*    the duration of someone's life or something's existence;
217. en\_\_\_\_er shortage                    *n.*    a person whose job is designing, building, or maintaining something such as machines, structures, or software
218. ev\_\_\_\_te the grant proposal                    *v.*    to assess or estimate the quality, significance, quantity, or value of something
219. en\_\_\_\_e reaction                    *n.*    a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
220. sp\_\_\_\_y a cause                    *v.*    to explain or state something clearly and exactly

ANSWERS: 210. biology, 211. puddle, 212. syndrome, 213. supplement, 214. virus, 215. rid, 216. lifetime, 217. engineer, 218. evaluate, 219. enzyme, 220. specify

221. st\_\_\_\_e environment *adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
222. full-co\_\_\_\_ge insurance *n.* the reporting or news of an important event, sports, subject, etc.; the amount, range, area, or quality of something that something provides
223. improved student ou\_\_\_\_es *n.* the result or effect of an action, event, etc.
224. th\_\_\_\_ld increase *adj.* three times as great or as many
225. a sp\_\_y of mist *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
226. tr\_\_\_\_rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
227. hi\_\_\_\_ke a ride *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
228. in\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
229. hu\_\_\_\_nd as a species *n.* the whole of the living human inhabitants of the earth
230. an insect sp\_\_y *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

ANSWERS: 221. sterile, 222. coverage, 223. outcome, 224. threefold, 225. spray, 226. transport, 227. hitchhike, 228. infect, 229. humankind, 230. spray

231. a ben\_\_\_\_\_al result      *adj.* helpful, useful, or sound; promoting or enhancing well-being
232. take ad\_\_\_\_\_ge of his weak points      *n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
233. pu\_\_\_e of water      *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
234. ca\_\_\_n population      *n.* a type of predatory reptile that belongs to the crocodilian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America
235. f\_\_t accomplishment      *n.* a notable or impressive achievement, especially one that requires great skill or bravery
236. rise nearly th\_\_\_\_\_ld      *adj.* three times as great or as many
237. gov\_\_\_\_\_nt bureaucracy      *n.* the group of people with authority to control a country or state
238. su\_\_\_\_\_e a plane crash      *v.* to live or exist despite a dangerous event or period

ANSWERS: 231. beneficial, 232. advantage, 233. puddle, 234. caiman, 235. feat, 236. threefold, 237. government, 238. survive

## Session 3: Fill in the Blanks

1. You can \_\_\_\_\_ the font color by clicking the Color tab.
  - v. to explain or state something clearly and exactly
  
2. The jury must \_\_\_\_\_ a decision on this complex case.
  - v. to bring someone or something into a particular state; to provide something such as service, help, etc.
  
3. 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
  
4. A deficiency in the \_\_\_\_\_ can lead to a medical condition.
  - n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
  
5. The teacher will not \_\_\_\_\_ any students to leave the classroom early.
  - v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
  
6. The senator received \_\_\_\_\_ criticism from his opponent.
  - adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
  
7. Five miles is \_\_\_\_\_ similar to eight kilometers.
  - adv. approximately but not precisely; with a violent manner
  
8. \_\_\_\_\_ workers play a critical role in keeping our cities clean and healthy.
  - n. the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner

ANSWERS: 1. specify, 2. render, 3. biology, 4. enzyme, 5. permit, 6. severe, 7. roughly, 8. Sanitation

9. The farmer sprayed \_\_\_\_\_ on his crops to protect them from insects.  
*n.* a substance used for preventing, destroying, repelling, or mitigating any pest
10. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.  
*n.* a living being, especially an animal
11. The \_\_\_\_\_ pressure to conform is strong in this community.  
*adj.* relating to society or social relationships
12. Education is the \_\_\_\_\_ of civilization.  
*n.* the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
13. Only a small number of \_\_\_\_\_ utilities offer sanitation services.  
*adj.* relating to or located in a town or city
14. His grandfather was an \_\_\_\_\_ man.  
*adj.* strange or unexpected; not divisible by two
15. The large \_\_\_\_\_ shipment arrived at the port early in the morning.  
*n.* goods or cargo that are transported by land, sea, or air; the transportation of goods or cargo by land, sea, or air
16. An infected person in the hospital will likely pass the \_\_\_\_\_ to others.  
*n.* a tiny infectious organic material that causes disease in people, animals, and plants
17. A stagnant water area are breeding ground for \_\_\_\_\_.  
*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

ANSWERS: 9. pesticide, 10. creature, 11. societal, 12. transmission, 13. urban, 14. odd, 15. freight, 16. virus, 17. mosquitos



18. The team has a \_\_\_\_\_ for their star player: "The Ace."  
*n.* a familiar or humorous name given to a person or thing instead of or as well as the real name
19. The price of the item was reduced \_\_\_\_\_ after the sale.  
*adj.* three times as great or as many
20. Well-stretched muscles are less \_\_\_\_\_ to injury.  
*adj.* easily influenced, harmed, or affected by something
21. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.  
*n.* having the same value, quality, meaning, purpose, etc.
22. Destructive fungi thrive in moist environments, such as those seen in wounds on the \_\_\_\_\_.  
*n.* the main stem or body of a tree which its branches grow
23. How many \_\_\_\_\_ does the average lion have?  
*n.* descendant; any immature animal or plant
24. The firm has grown into a large \_\_\_\_\_ manufacturing.  
*adj.* relating to or connected with chemistry;
25. The federal \_\_\_\_\_ is planning to increase taxes for the next fiscal year.  
*n.* the group of people with authority to control a country or state
26. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.  
*adj.* likely to happen or likely to be true

ANSWERS: 18. nickname, 19. threefold, 20. susceptible, 21. equivalent, 22. trunk, 23. offspring, 24. chemical, 25. government, 26. probable

27. He borrowed money from a loan \_\_\_\_\_.
- n.* a long-bodied, mostly predatory marine fish that has sharp teeth and a pointed fin on its back; a person who is ruthless, greedy, and dishonest
28. The \_\_\_\_\_ of severe weather prompted the city to issue an evacuation warning.
- n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
29. Efficiency isn't an essential \_\_\_\_\_ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works
30. Children often \_\_\_\_\_ parents with this head cold.
- v.* to affect a person, an animal, or a plant with a disease-causing organism
31. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
32. He is familiar with \_\_\_\_\_ and biology.
- n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
33. Most countries prohibit sexual activity between certain close \_\_\_\_\_.
- adj.* considered and evaluated through comparison with something else
34. This pharmaceutical company is developing \_\_\_\_\_ drugs with fewer side effects.
- n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

ANSWERS: 27. shark, 28. threat, 29. principle, 30. infect, 31. decide, 32. chemistry, 33. relatives, 34. antibody

35. On the geological time scale, \_\_\_\_\_ has existed for a brief moment.

*n.* the whole of the living human inhabitants of the earth

36. Can you \_\_\_\_\_ 123321 by eleven?

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

37. \_\_\_\_\_ technologies have dramatically improved productivity in various industries.

*adj.* starting to exist, mature, or become well-known

38. A lack of education can be a significant \_\_\_\_\_ in today's job market.

*n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

39. She had lived through two world wars in her \_\_\_\_\_.

*n.* the duration of someone's life or something's existence;

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

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

41. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.

*adj.* of or relating to or resulting from industry

42. She loves to hike \_\_\_\_\_ and explore nature.

*adv.* in or into the open air; outside a building or structure

43. Herbs require \_\_\_\_\_ soil in a sunny, sheltered location.

*adj.* capable of producing abundant vegetation or crops; intellectually productive

ANSWERS: 35. humankind, 36. divide, 37. Emerging, 38. disadvantage, 39. lifetime, 40. tremendous, 41. Industrial, 42. outdoors, 43. fertile

44. One of the main \_\_\_\_\_ of the new product is its increased efficiency.  
*n.* a condition or circumstance that puts one in a favorable or superior position; a beneficial feature or asset that someone or something has
45. Sow early for an early \_\_\_\_\_.  
*n.* a plant that is cultivated in large amounts, particularly for food
46. Dictators of the past often had the erroneous idea of a pure racial \_\_\_\_\_.  
*n.* a force or pressure that stretches or pulls something, sometimes causing damage; (biology) a group of organisms within a species that differ in trivial ways from similar groups
47. The artist used a \_\_\_\_\_ paint can to create a graffiti mural on the wall.  
*n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
48. A rainbow is a natural \_\_\_\_\_.  
*n.* something that exists and can be perceptible, especially one that is not fully understood
49. The \_\_\_\_\_ inequality was unavoidable.  
*n.* a large amount of money, property, or other things that someone or an organization owns
50. This artwork is \_\_\_\_\_ of her work.  
*adj.* having the usual characteristics or traits of a specific group of things
51. The rollercoaster ride left me with a feeling of \_\_\_\_\_.  
*n.* a feeling of sickness or discomfort in the stomach that is often accompanied by an urge to vomit; a sensation of loathing or disgust

ANSWERS: 44. advantages, 45. crop, 46. strain, 47. spray, 48. phenomenon, 49. wealth, 50. typical, 51. nausea

52. Jockey's superior \_\_\_\_\_ brought him victory.

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

53. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.

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

54. These \_\_\_\_\_ are more prevalent above a certain latitude.

*n.* any small creature that has six legs and a body divided into three sections

55. She is the president of a large international \_\_\_\_\_.

*n.* a group of people who work together for a shared purpose

56. Certain \_\_\_\_\_ may promote tumor growth.

*n.* something that is added to something else to make it better or complete it

57. The scandal received widespread media \_\_\_\_\_.

*n.* the reporting or news of an important event, sports, subject, etc.; the amount, range, area, or quality of something that something provides

58. It is \_\_\_\_\_ to see criminal behavior even though it is minor.

*adj.* not enjoyable or comfortable

59. The \_\_\_\_\_ modified crops were resistant to pests and required less water.

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

ANSWERS: 52. technique, 53. process, 54. insects, 55. organization, 56. supplements, 57. coverage, 58. unpleasant, 59. genetically

60. The following example \_\_\_\_\_ that the capacity of each battery is the same.
- v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
61. Scientific knowledge will \_\_\_\_\_ significantly with the power of AI.
- v. to go or move forward; to develop in a positive way
62. We must \_\_\_ ourselves of pollution.
- v. to make someone or something free of unwanted or unpleasant tasks, objects, or person
63. We \_\_\_\_\_ the season's total trade deficit at \$50 billion.
- v. to guess or calculate the cost, size, value, etc. of something
64. Her concept is highly \_\_\_\_\_ and helpful.
- adj. of or connected with actual use or real situation rather than with theory and ideas
65. 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
66. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.
- adj. enormous amount; very heavy and solid
67. 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

ANSWERS: 60. assumes, 61. advance, 62. rid, 63. estimated, 64. practical, 65. involves, 66. massive, 67. develop

68. She gave money to help set up a \_\_\_\_\_ laboratory.  
*adj.* relating to the production and selling of the medical drugs
69. This pill will relieve your \_\_\_\_\_ immediately.  
*n.* pain in the head; someone or something that causes anxiety or trouble
70. Hospitals must meet various standards to prevent nosocomial \_\_\_\_\_.  
*n.* a condition in which pathogenic microorganisms or viruses have entered the body
71. The research institute allocated a lot of money to study the cause and prevention of \_\_\_\_\_.  
*n.* (formal for flu) a highly contagious viral disease that causes fever, severe aching, and catarrh and often occurs in epidemics
72. I accidentally deleted the file, so can you \_\_\_\_\_ that action?  
*v.* to reverse the effect of an action or event, typically one that is recent or specific
73. Many people in this region have contracted \_\_\_\_\_ fever from mosquito bites.  
*n.* (also "breakbone fever") a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
74. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.  
*v.* to set free or allow to escape from confinement
75. These birds can only \_\_\_\_\_ in temperate climates.  
*v.* to live or exist despite a dangerous event or period
76. Laughing is \_\_\_\_\_ to our health.  
*adj.* helpful, useful, or sound; promoting or enhancing well-being

ANSWERS: 68. pharmaceutical, 69. headaches, 70. infections, 71. influenza, 72. undo, 73. dengue, 74. release, 75. survive, 76. beneficial

77. The \_\_\_\_ cleared away, and the star-filled sky appeared.

- n.* a thick cloud consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface; a weather condition in which visibility is reduced because of a cloud of water

78. The patient was diagnosed with a rare genetic \_\_\_\_\_.

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

79. Surgeons must use \_\_\_\_\_ instruments to prevent infection during an operation.

- adj.* free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

80. She had to \_\_\_\_\_ to the nearest gas station when her car broke down.

- v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle

81. He narrated the \_\_\_\_\_ story of his adventure.

- adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

82. The \_\_\_\_\_ will repair my telephone tomorrow morning.

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

83. The \_\_\_\_\_ diet mainly consists of fish and small mammals.

- n.* a type of predatory reptile that belongs to the crocodylian family which resembles alligators and crocodiles but are smaller in size, typically found in Central and South America

ANSWERS: 77. fog, 78. syndrome, 79. sterile, 80. hitchhike, 81. extraordinary, 82. engineer, 83. caiman's



84. Many people in tropical countries die from \_\_\_\_\_ every year.  
*n.* a severe disease caused by a parasite that is spread by the bite of an infected mosquito
85. The disease is now reaching \_\_\_\_\_ proportions in our country.  
*n.* the widespread outbreak of a particular disease in a large number of people at the same time
86. The content is \_\_\_\_\_ and informative for me.  
*adj.* sharply exact or accurate or delimited
87. The rain had formed a large \_\_\_\_\_ on the sidewalk.  
*n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
88. 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
89. \_\_\_\_\_ is the foundation of our economy.  
*n.* the practice or science of cultivating the land or raising stock
90. Foreign goods from abroad must be \_\_\_\_\_ to customs when entering a country.  
*v.* to say, state, or announce something clearly, officially, or publicly
91. The mRNA \_\_\_\_\_ was approved in less than a year because it did not contain the fragments of the target virus.  
*n.* a substance that is put into the body and protects them from disease by causing them to produce antibodies (= proteins that attack harmful bacteria, viruses, etc.)

ANSWERS: 84. malaria, 85. epidemic, 86. precise, 87. puddle, 88. environment, 89. Agriculture, 90. declared, 91. vaccine

92. They \_\_\_\_\_ in a beautiful old house in the countryside.

*v.* to live in a particular place, typically for a prolonged period of time

93. Enhanced rail \_\_\_\_\_ is crucial for our business.

*n.* a system for moving people or products from one location to another using automobiles, roads, and so on

94. He became \_\_\_\_\_ successful in the entertainment industry.

*adv.* extremely or exceptionally, especially in a way that is surprising

95. She gave her \_\_\_\_\_ to the company's proposal.

*n.* permission or agreement to do something, especially given by somebody in authority

96. The \_\_\_\_\_ of crime has decreased in the neighborhood since the new security measures were put in place.

*n.* the frequency or rate at which a particular event or condition occurs within a specific population, group, or area; the occurrence or manifestation of something, especially something harmful or unpleasant

97. The butterfly emerged from its \_\_\_\_\_ stage.

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

98. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.

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

99. The prime minister canceled visits to other countries to resolve \_\_\_\_\_ disputes.

*adj.* of or relating to the inside of something

ANSWERS: 92. reside, 93. transportation, 94. phenomenally, 95. consent, 96. incidence, 97. larva, 98. genetic, 99. internal

100. They awaited news of the \_\_\_\_\_ of the election.

*n.* the result or effect of an action, event, etc.

101. Who answers \_\_\_\_\_ knows little.

*adv.* quickly and unexpectedly

102. He had a severe brain \_\_\_\_\_ that left him paralyzed.

*n.* profuse bleeding, often caused by a ruptured vessel

103. Our farm experienced a \_\_\_\_\_ of locusts this year.

*n.* any epidemic disease with a high death rate; (also called pest) a serious, sometimes fatal, infection spread by rats that causes fever and swellings on the body

104. \_\_\_\_\_ elections were held in several European countries.

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

105. The company signed a \_\_\_\_\_ with the supplier for the delivery of goods.

*n.* a legally binding agreement between two or more parties, setting out their rights and obligations to each other, typically in writing and enforceable by law

106. The old storage shed was \_\_\_\_\_ with rats and had to be torn down.

*v.* to swarm or overrun with a large number of something undesirable, such as pests or parasites

107. When the first molecule in the \_\_\_\_\_ receives a signal, it activates other molecules.

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 100. outcome, 101. suddenly, 102. hemorrhage, 103. plague, 104. Communal, 105. contract, 106. infested, 107. pathway

108. This animal \_\_\_\_\_ in northern latitudes.

*v.* to keep animals for producing offspring in a regulated manner

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

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

110. 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

111. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.

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

112. 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

113. It is an incredible \_\_\_\_\_ to climb Mount Everest, the highest mountain in the world.

*n.* a notable or impressive achievement, especially one that requires great skill or bravery

114. He got an electric \_\_\_\_\_ at work.

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

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

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

ANSWERS: 108. breeds, 109. sleeves, 110. symptom, 111. separate, 112. disease, 113. feat, 114. shock, 115. evaluate

116. Human conservation efforts often fail unexpectedly because they disturb the balance of the \_\_\_\_\_.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
117. The restaurant's service was \_\_\_\_\_ slow.
- adv.* in a way that is not acceptable or satisfactory
118. I have no intention to \_\_\_\_\_ your privacy.
- v.* to enter aggressively into another's territory by military force for conquest and occupation
119. By dividing and creating copies of themselves, bacteria \_\_\_\_\_.
- v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

ANSWERS: 116. ecosystem, 117. unacceptably, 118. invade, 119. reproduce